Third Edition

Lighting Product Guide

Commercial • Residential • Retail • Industrial

JUNO LIGHTING GROUP
by Schneider Electric

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Working for you

Juno Lighting Group is committed to providing superior solutions to all your lighting challenges. Since 1976, we have introduced a steady stream of products that have led the industry in quality, performance, and innovation. We have always been trendsetters, anticipating needs and delivering new products that satisfy those needs.

Today, the tradition continues unabated. Leading the drive for more energy-efficient, eco-friendly light sources, we now offer one of the industry's most advanced lines of LED lighting products. With LEDs offering unprecedented energy savings and service life, our LED product development team is constantly pushing the envelope for still greater efficiency and exciting new ways to apply the technology.

The result has been a wave of award-winning LED products designed to lower your energy bills and help you comply with increasingly restrictive electrical codes and green initiatives … all while helping reduce the amount of carbon emissions and toxins that threaten our environment. In this Product Guide, you'll find our full line of state-of-the-art LED products, as well as thousands of other exceptional lighting solutions. Find what you need, then call your Juno Lighting Group sales representative or distributor for pricing and ordering. You'll discover just how hard we are working for you.

About Us

Founded in 1976, Juno Lighting Group has become one of the leading manufacturers of lighting fixtures and related products. We serve customers throughout North America, including electrical distributors, lighting showrooms, contractors, architects, engineers, lighting designers, and commercial facilities. Our product family includes six stellar brands and over 50,000 items for commercial and residential construction and remodeling. Our products are designed and engineered in the USA and built to exacting standards of quality and performance.

We're the idea people

Juno Lighting Group has a well-earned reputation for innovation. From energy-efficient recessed lighting to versatile track lighting designs, we have a history of creating bright new ideas. A few of our most recent breakthroughs include:

- Juno WarmDim™* recessed downlights, featuring LEDs that warm as they dim to emulate the warm glow of incandescent dimming.
- Juno Slope and Super Slope LED luminaires, the first-ever recessed LED downlights designed specifically for sloped ceilings.
- Indy-brand LED commercial downlights, offering unique hyperbolic reflectors that reduce glare so effectively that ceilings become "silent."
- Indy-brand LED commercial downlights, offering the exclusive Lumen Depreciation Indicator that alerts you when the LEDs are nearing the end of their service life.

And the new ideas just keep coming.

*Patent Pending.

Designing for today and tomorrow

Juno Lighting Group offers products that are leaders in style, efficiency, and performance. But with an eye to the future, we are continually developing products that will be even more efficient and environmentally sustainable. LEDs top the list, and our line already includes a large and rapidly growing selection of LED fixtures. In addition, we offer other highly efficient light sources including ceramic metal halide (CMH) and compact fluorescent (CFL) to cover a broad range of applications and budgets. Our commitment to energy efficiency is meant to provide substantial savings today and help secure tomorrow's future.

Producing excellence

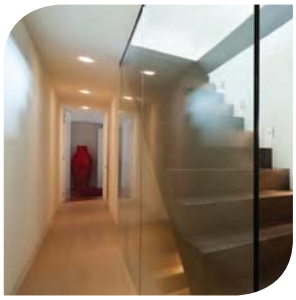
Juno Lighting Group leads the field in design, engineering, and manufacturing. And to stay out front, we are continually introducing fresh approaches to develop innovative new products. A case in point is our recently formed LED product development team, consisting of talented engineers and designers who specialize in LED technology. This dedicated group is responsible for many of our award-winning LED products, and there's much more on the way.

Service you can depend on

Outstanding service is fundamental to our business philosophy. Our most popular items are in stock and ship the next business day. "Quick Ship" products ship within 3 to 10 days, and Standard Lead Time products ship within 15 to 20 days. And we deliver on our commitments by maintaining a 97% or better on-time-shipment record. To ensure that every project stays on track, our experienced sales, customer service, and technical support teams are always there for you ... from pre-sale planning to post-shipment follow-up.

World-class resources

Juno Lighting Group is a unit of Schneider Electric, a global leader in the electrical industry with sales in excess of $30 billion. So when you do business with us, you can be confident that we have the financial, technical and human resources to provide the products and services you require.



Caring for our environment

The evidence is mounting that climate change poses a serious threat to all the citizens of the world. Juno Lighting Group is committed to being part of the solution to this potential crisis in two principle ways: 1) by producing energy-efficient, eco-friendly lighting products for our customers; and 2) by following policies and practices intended to minimize the environmental impact of our operations. It's our contribution to preserving the planet and creating a better environment for all its inhabitants.

LEDs to the rescue

Juno Lighting Group has committed to LED technology because it is clearly the gold standard in energy-efficient, eco-friendly lighting. LEDs use as little as 15% of the energy of conventional lighting and offer an amazingly long service-life of typically 50,000 hours. Unlike many other light sources, they contain none of the toxic mercury, lead, or PCBs that pose environmental hazards. There are no UV rays to damage sensitive materials; no IR beam emissions to create unwanted heat. And LEDs are RoHS compliant.

We believe so strongly in this remarkable technology that we have created a product development group that's solely dedicated to advancing the state-of-the-art in LED lighting. LEDs permeate each of our six brand offerings, and new products are coming on-line with regularity. We say, "Think LED … Think Juno Lighting Group."

"Think LED …
Think Juno Lighting Group"

Committed to sustainable solutions

LEDs are only part of the sustainability story at Juno Lighting Group. From fixture design, to light source characteristics, to the materials and processes used in production, environmental considerations are right up front.

CFL and CMH fixtures proliferate throughout our product line and offer substantial energy savings compared to conventional lighting. There are hundreds of these fixtures to choose from covering wide-ranging applications. For track lighting installations, we also offer our current-limiting feeds and subpanels. These innovative secondary-breakers enable you to design for the exact power requirements of your track system and avoid the watts-per-foot "penalties" imposed by many local energy codes. In combination with high-efficiency track fixtures, our current-limiting devices permit optimal lighting density and flexibility while remaining code compliant.

All of our advanced illumination technologies share a common goal: To help you achieve your lighting objectives and join the drive for energy sustainability. In the process, you can reduce your operating costs and more easily comply with stringent energy codes such as California Title 24 and the many "green" initiatives.

Responsible stewards of the environment

A sustainable environment is everyone's responsibility. At Juno Lighting Group we are doing our part by reducing our carbon footprint and minimizing the environmental impact of our operations.

In conjunction with our parent, Schneider Electric, we have adopted exemplary practices with regard to both our facilities and our products. We are jointly committed to RoHS compliance, ISO 14001 certification, and a 10% reduction in facility energy use.

At all our facilities, we have paper recycling programs in place that pull 20 to 25 tons per month out of our waste stream. And we recycle everything from scrap metal, to plastic wrapping materials, to plastic bottles and aluminum cans.

We are taking full advantage of our lighting expertise by systematically replacing existing fixtures with our latest energy-efficient products. And we also participate in an energy curtailment program that automatically reduces our power consumption during periods of peak demand. Our warehouses, offices, and restrooms have motion detectors that switch-off the lighting when not occupied.

Our list of environmental initiatives drills down to even the smallest details; for example, performing 2-sided copying on all copy machines and eliminating the use of Styrofoam cups. Suffice it to say, at Juno Lighting Group we take our environmental responsibilities very seriously.

Juno Lighting Group Brands

JUNO®

The Juno® brand encompasses residential and commercial downlights, track lighting, and undercabinet lighting of exceptional range and quality. Juno is the preferred brand for custom homes, retail stores and elegant office spaces, offering innovative designs and energy-efficient light sources.

indy™

Indy™ architectural recessed lighting offers the industry's widest range of high-quality luminaires, including downlights, pull-down adjustables, wall washers, troffers, cylinders, and multi-lamp fixtures. Innovative features and energy efficiency are the hallmarks of Indy commercial lighting.

AccuLite™

AccuLite™ commercial and industrial fixtures include highbay and lowbay lighting, area lighting, floodlighting, and security lighting solutions. Indoors or out, AccuLite fixtures offer leading-edge designs, featuring ultra-efficient LEDs and other energy-saving options.

NaviLite®

NaviLite® exit and emergency lighting is durable, reliable, and well designed. Most of these fixtures feature energy-efficient LEDs that are economical to operate and competitively priced for the commercial market.

Aculux®

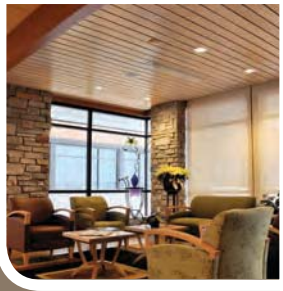
Aculux®-brand precision recessed lighting produces spectacular depth and sparkle for contemporary, traditional, and business interiors. Precision adjustments permit accurate light aiming, and low-brightness trims blend seamlessly with their surroundings.

DanaLite

DanaLite architectural linear lighting features custom ultra-slim designs that are ideal for casework, coves and a vast array of other commercial applications.

Retail Rocks

Retailing is all about attracting attention and making the sale. Track systems, downlights, and adjustable fixtures from Juno Lighting Group make merchandise displays standout. And Enhanced Spectrum LED luminaires make colors pop. Our lighting products offer everything you need to grab customers and ramp-up sales.



Lighting the Office

Juno Lighting Group offers the industry's widest range of general, task, and accent lighting solutions designed to provide the ideal work environment while simultaneously reducing energy and maintenance costs. Create quiet ceilings with our recessed downlights or brilliantly lit work surfaces with our linear fixtures … there's no end to the productivity-boosting, cost-saving possibilities.

Healthy Solutions for Healthcare

In hospitals, clinics, and doctor's offices, lighting products from Juno Lighting Group help create ideal working conditions and a comfortable patient environment. Our recessed, track, and LED troffers produce the high-levels of illumination that medical facilities require to deliver accurate, competent care.

Making the Grade in Education

Juno Lighting Group's product family is loaded with economical, efficient lighting solutions for schools and universities. For example, our 1x4, 2x2 and 2x4 LED recessed fixtures and LED and CFL downlights provide exceptional illumination for classrooms and hallways. These and a host of other lighting products offer substantial energy savings at budget-friendly prices.

Home Sweet Home

With Juno Lighting Group products, homeowners can create the interiors they have always dreamed of. Track lighting accents that highlight artwork, mini-downlights built into architectural niches, decorative pendants suspended above tabletops … the creative potential is unlimited.

Spotlight on Industry

Juno Lighting Group's extensive range of industrial fixtures offer energy savings, low maintenance, reliability, safety, and optimal workforce productivity. From highbay to lowbay and everywhere in between, our high-performance products can illuminate every inch of the plant or warehouse.

Lighting the Great Outdoors

Juno Lighting Group offers solutions for a variety of outdoor applications, including security and area lighting for pathways, garages, and parking lots. Our outdoor lighting products are designed to withstand the elements, add beauty to their surroundings, and provide energy and maintenance savings.

How to Use this Book

1 Product Brand

2 Product Name
Exact name and description for easy selection

3 LED Product

4 Icons
Icons denote special ratings or features

- ENERGY STAR®
- Air-Loc
- T24 Certified

5 Product Category

6 Color Bar
Quickly identifies sections

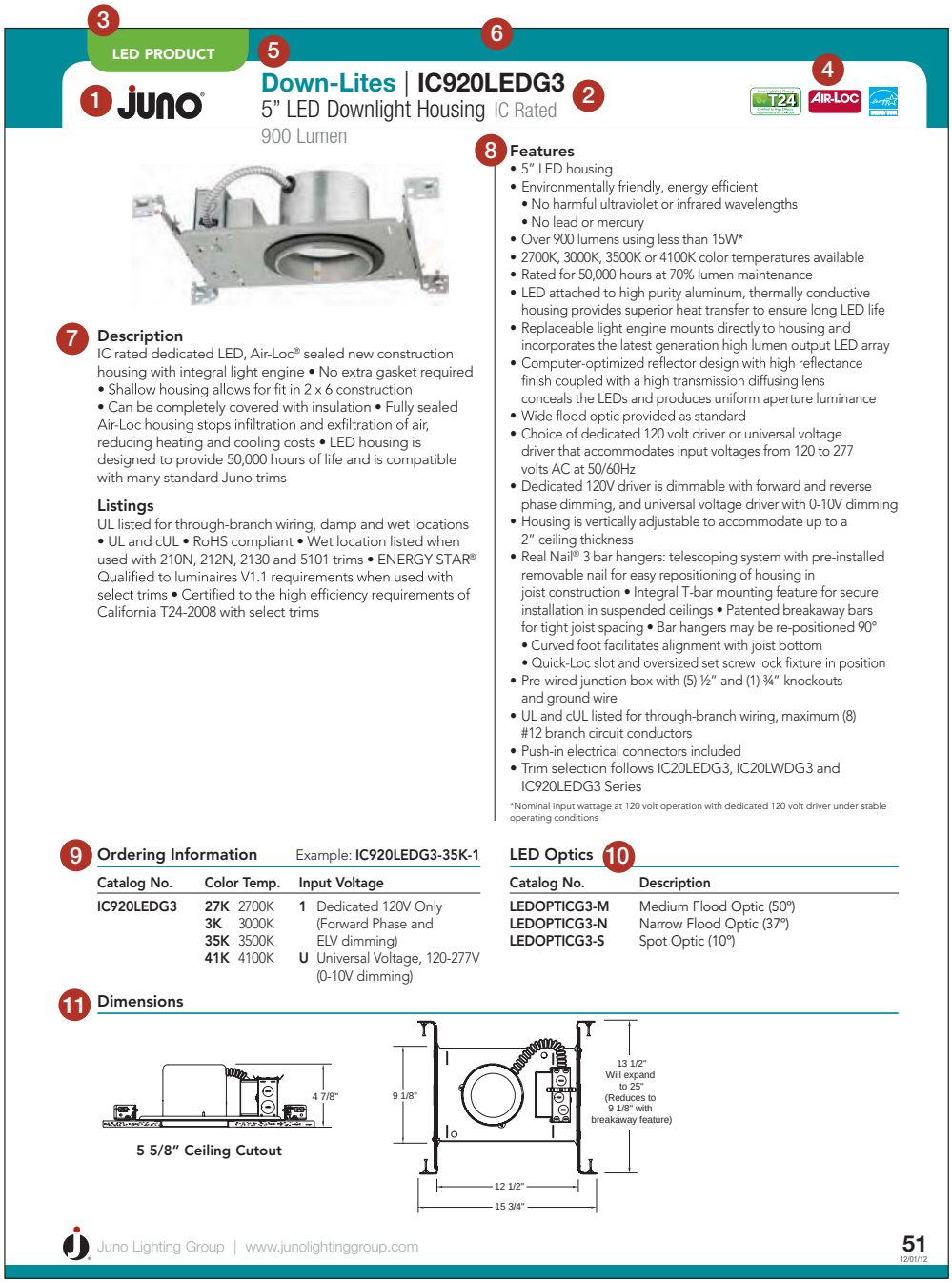
7 Description

8 Features

9 Ordering Information
Shows how to "build" a catalog number

10 Accessories

11 Dimensions
Line drawing with dimensions



3 LED PRODUCT

1 JUNO

5 Down-Lites | IC920LEDG3 2

5" LED Downlight Housing IC Rated

900 Lumen

6

4 T24 AIR-LOC

7 **Description**

IC rated dedicated LED, Air-Loc® sealed new construction housing with integral light engine • No extra gasket required • Shallow housing allows for fit in 2 x 6 construction • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 210N, 212N, 2130 and 5101 trims • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select trims • Certified to the high efficiency requirements of California T24-2008 with select trims

8 **Features**

- 5" LED housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 900 lumens using less than 15W*
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing and incorporates the latest generation high lumen output LED array
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90°
  - Curved foot facilitates alignment with joist bottom
  - Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) ½" and (1) ¾" knockouts and ground wire
- UL and cUL listed for through-branch wiring, maximum (8) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC20LEDG3, IC20LWDG3 and IC920LEDG3 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

9 **Ordering Information** Example: **IC920LEDG3-35K-1**

Catalog No.	Color Temp.	Input Voltage
IC920LEDG3	**27K** 2700K	**1** Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	
	35K 3500K	
	41K 4100K	**U** Universal Voltage, 120-277V (0-10V dimming)

LED Optics 10

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

11 **Dimensions**

5 5/8" Ceiling Cutout

Juno Lighting Group | www.junolightinggroup.com 51 12/01/12

1 AccuLite

3 Area Lighting | Titan™ 2

Parking, Roadway & Area Lighting

4

5

7 **Description**

The durable Titan™ luminaire is designed for use in low mounting height situations with a high risk of vandalism. This luminaire can be pole mounted or ceiling mounted providing continuity of appearance throughout covered or uncovered parking areas. Offering effective luminaire performance, an attractive appearance and vandal resistance, the Titan™ luminaire meets and exceeds the strictest parking garage safety standards.

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

6 **Features**

Optics Standard polycarbonate • Optional acrylic lens • Internal prisms stay cleaner for better maintained light levels

Vertical Metal Halide Lamp Base up metal halide lamps give 10% to 20% more light than fixtures with horizontal metal halide lamps • Base up metal halide lamp life is up to 25% longer than the same lamp mounted horizontally

Construction Heavy wall die cast aluminum housing

Mounting Pole mounting • Four plugged 1/2" entries for feed-thru or "T" wiring • Provision for outlet box mounting

Finish Bronze polyester powder coat finish

Lampholder Specification grade porcelain, medium base

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

8 **Ordering Information** Example: **CPL150PS-QT-L**

Series	Lamp (Watts/Type)	Volts	Mounting	Options
CPL	150PS	-QT	-	-L

CPL

Lamp (Watts/Type)

● **Pulse Start Metal Halide†**
50PS, 70PS, 100PS, 150PS ED17
§ { **175PS** ED17
Probe Start Metal Halide†
§ { **175MH** BD17

● **High Pressure Sodium**
35HP, 50HP, 70HP B17
100HP, 150HP B17

Volts

Magnetic
35W & 50W HPS lamps
- 120 - 120V
- 277 - 227V
- 347 - 347V
50W - 175W MH / 70W - 150W HPS
- QT ‡ - Quad Tap
120V, 208V, 240V, 277V
- TT - Tri Tap
120V, 277V, 347V
- 480 - 480V

Mounting

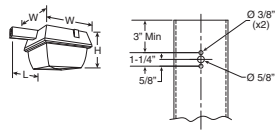
Pole Mount
-PM With pole mount arm
Ceiling & Rigid Pendant
No Suffix - See Parking Garage and Canopy section

Options
See below

10 **Dimensions**

	W	H	L	L1	L2	Weight
CPL Series	12 3/8"	8 5/8"	6"	20"	9 1/2"	16 lb.

Pole Mount



9 **Options** (Factory installed, add suffix to catalog number)

Description	Suffix
Lamp Clear Lamp	**- L**
Quartz Auxiliary with delay Double contact bayonet base Quartz lamp not included	**- Q**
Fuse Holder Supplied with fuse Single pole - Line to neutral	**- F1**
Tamper Resistant	**- TP**
Acrylic Refractor	**- AC**
Color Bronze White Black	Standard **- WH** **- BL**

11 † **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 175W meets Energy Independence & Security Act (EISA) requirements. 150W wet location luminaires are EISA exempt.

§ **Not for use in the United States.**

●Fixtures are ENERGY EFFICIENT.

1 **Product Brand**

2 **Product Name**
Exact name and description for easy selection

3 **Product Category**

4 **Color Bar**
Quickly identifies sections

5 **Icons**
Icons denote special ratings or features

Wet Location

6 **Features**

7 **Description**

8 **Ordering Information**
Shows how to "build" a catalog number

9 **Options**
These suffixes can be added to the end of a catalog number

10 **Dimensions**
Line drawing with dimensions

11 **Footnotes**

We're here to help

Our goal is to make your life easier. To that end, your Juno Lighting Group sales representative leads a team of specialists that is always ready to help.

Your sales representative can provide instant information on product features, availability, order status, and delivery. If you need technical assistance with specifications, installation, or maintenance, experienced product experts also are available through your sales representative. Our entire sales and service team is comprised of industry pros who can address all your lighting needs.

Beyond sales and service, Juno Lighting Group can provide help through education and training. At our Des Plaines, Illinois, headquarters, we conduct in-depth training programs on key aspects of lighting, from the basics to more advanced subjects. Our courses are taught in our new Lighting Education Center, consisting of the Idea Lab, Lighting Science Room, and Conference Center. These facilities offer hands-on demonstrations and training on the very latest industry innovations. And for those who wish to learn online, our e-learning courses cover lighting from A to Z.

Warehouse Locations

California
14725 Monte Vista Avenue
Chino, CA 91710
Phone: 909-393-6245
Fax: 909-606-4367
WATS: 800-843-5693

Illinois (Corporate Headquarters)
1300 South Wolf Road
Des Plaines, Illinois 60018
Phone: 847-827-9880
Fax: 847-827-2925
WATS: 800-323-5068

Indiana
12001 Exit Five Parkway
Fishers, Indiana 46037
Phone: 317-849-1233
Fax: 317-576-1749

Pennsylvania
201 Cumberland Parkway
Mechanicsburg, Pennsylvania 17055
Phone: 717-697-8000
Fax: 717-766-4045

Texas
1651 Enterprise St.
Athens, Texas 75751
Phone: 903-676-5900
Fax: 859-525-4302

Ontario, Canada
220 Chrysler Drive
Brampton, Ontario L6S 6B6 Canada
Phone: 905-792-7335
Fax: 905-792-0064

JUNO®

Recessed Lighting

The highly advanced family of Juno recessed lighting fixtures incorporates industry-leading performance, features, and efficiency. Flat or sloped ceilings; ambient, task, or accent lighting; enclosed or open spaces; there's a solution for every residential or light-commercial application. An ever-expanding line of innovative LED luminaires leads the way in energy efficiency and brilliant illumination, complemented by a vast collection of fixtures employing a full range of light sources, optics, and trims that fit every need and budget. Juno recessed fixtures are designed and engineered in the United States to exacting quality standards, employing only the finest materials and manufacturing processes.

Juno LED lighting … the industry's best and brightest

Ultra-efficient operation, exceptionally long service life, and technical innovation have made Juno LED fixtures one of today's most highly regarded, recessed lighting solutions. And the industry accolades just keep coming. Juno Generation 3 WarmDim™ LED Downlights won the coveted Technical Innovation Award at 2012 LIGHTFAIR® International and were the outright winners of the Recessed Downlights Category. Furthermore, Juno Generation 3 LED downlights were recognized for design excellence in the 2012 Next Generation Luminaires competition sponsored by several leading industry groups.

Juno Generation 3 LED Downlights set new benchmarks in energy efficiency and performance, needing just 10.5 watts to produce 600 lumens or just 14.6 watts for 900 lumens. That's about one-fifth the consumption of halogen, and with a 50,000-hour service life, they last 20-times longer.

Juno Generation 3 WarmDim LED Downlights and Retrofits break new ground in recessed lighting design. A proprietary, micro-processor controlled light engine warms the LED color temperature while dimming to create the atmosphere previously achieved only with incandescent dimming. It's a Juno exclusive.

Juno Generation 3 Retrofit LED Downlight and Eyeball Trim Modules represent the most cost-effective way to upgrade existing, standard, 6" recessed housings to state-of-the-art LED illumination. The all-in-one module design is supplied with a quick-connect whip adapter that screws into housings having medium based sockets. It's simple, fast, secure, and economical.

Juno LED Downlights for Slope and Super-Slope Ceilings are the first LED recessed luminaires designed specifically for slope ceiling applications. Delivering up to 900 lumens from less than 16 watts, they are available in 6" new-construction housings with IC ratings.

Juno Mini LED Downlights and Gimbals provide big-time illumination for small spaces. Ideal for niches, bookcases, and soffits, these efficient little recessed luminaires consume just 5-watts of power and fit in the palm of your hand.

Mini LED Step Lights offer low-level lighting in high style. These architectural-grade fixtures are about the size of a switch plate, offer a selection of one-inch square optic designs, and operate at an ultra-efficient 2.6 watts.

Juno recessed lighting … the industry's most comprehensive line

Juno brand is the industry's most complete line of recessed lighting, offering an exceptionally broad range of versatile fixtures. No matter what your application, you will find the perfect solution … from new construction to remodel housings … from miniature 2" residential downlights to 9" commercial downlights … from Juno-invented white baffles to stunning satin-chrome trims … from energy-efficient CFLs to even more efficient LEDs. Whether your need is general, wall wash, step, or accent lighting, we have the perfect recessed fixture for you.

*Patent Pending.

Housing Offering

Juno Downlights are a complete line of LED, compact fluorescent, low-voltage, and incandescent recessed luminaires for both flat and sloped ceilings. They provide high-quality illumination for all your applications, including general, task, accent, wall-wash, and step lighting. New construction and remodel housings are available in 2", 3", 4", 5", and 6" sizes for insulated and non-insulated ceilings.

Air-Loc®

Juno IC housings are Air-Loc rated and designed to minimize air leak paths. Air-Loc rated housings are tested in accordance with ASTM E283 and certified by an independent laboratory to be in compliance with the minimum air-leakage standards as set in the International Energy Conservation Code, as well as several state energy codes, including Washington State. Significant cost savings are realized as summarized in the chart below:

	Standard IC	Juno Air-Loc IC	Juno Air-Loc IC w/Air-Loc Trim or Gasket
Areas of Leak Path	2.8 sq. inches	1.46 sq. inches	< .1 sq. inch
Air Leakage	5 cu. ft./min. 2.6 million cu. ft./year	2.6 cu. ft./min. 1.4 million cu. ft./year	0
Energy Loss	.86 million BTUs/year	.45 million BTUs/year	0
Annual Energy Savings (VS. STANDARD IC)		$3.53 per fixture	$7.34 per fixtures

* Based on 10 cents per KWH

Aesthetically Superior Trims

Juno's downlight trim offering is unparallel in the industry; choose from baffle, cone, wall wash, and lensed trims in an array of finishes and styles.

Clear Cone
Specular finish produces a neutral appearance with exceptionally low brightness.

Haze Cone
Uniform satin finish has a soft luminous appearance and hides dust and fingerprints. Blends with white ceilings and coordinates well with cooler interior finishes, light hardwoods and metallic accents such as satin nickel and stainless steel.

Wheat Haze Cone
Offers a rich trim appearance, and adds subtle warmth to an interior. Coordinates well with warmer tone interior finishes, hardwoods and metallic accents such as satin brass and oil-rubbed bronze.

Gold Cone
Specular finish with a pale gold tint slightly warms lamp color temperature and provides decorative aperture appearance.

Black Cone
Specular black finish produces lowest possible brightness and maximum source concealment.

Black Baffle
Sharply defined concentric ridges reduce trim brightness and create a pleasing architectural appearance.

White Baffle
Brighter appearance when illuminated, but blends with white ceiling when off.

Trim Ring Finishes

ABZ - Classic Aged Bronze
BL - Black
GP - Graphite
PW - Plastic White (Polycarbonate material shower trim)
SC - Satin Chrome
SL - Silver
WH - White

Styles

Baffle

Cone

Adjustable

Wall Wash

Decorative

Lensed

Real Nail 3® Bar Hanger

The Juno originated, Real Nail bar hanger has set the industry standard for ease of installation for over 35 years. This third generation design features an improved range of benefits:

- Proprietary bugle-head, ring shank nail for positive installation and simple claw hammer removal when repositioning housings
- Integral T-bar clip for secure installation in suspended ceilings
- Patented break-away bars for tight joist spacings
- Curved foot facilitates alignment with joists bottom

Juno LED lighting … Saving you money, saving our planet

LEDs are today's most efficient light source, delivering substantially reduced energy costs. But just as important is the LED's role in sustaining our planet's resources and protecting our environment. In addition to helping reduce the carbon emissions that contribute to global warming, LEDs contain no lead, mercury, or other toxins that could be harmful to the environment. Therefore, unlike CFLs, LEDs require no special lamp disposal procedures. LEDs have become an invaluable asset in achieving compliance with ever-tightening energy codes and increasingly important "green" initiatives.

Fixture Performance Comparison

Application: 18' x 18' x 8' room, reflectances 80/50/20, light loss factor = 1.0, **9 Fixtures Total:** Mounted 6' on center

IC LED 10.5W Open Trim	VS.	Incandescent 65W BR-30 Open Trim	CFL 18W Triple Tube Open Trim	CFL 26W Triple Tube Lensed Trim
	Fixture Summary			
IC22LEDG3-24W-WH	Housing and Trim	IC2-24W-WH	ICPL618E-28W-WH	ICPL626E-2330W-WH
10.5W LED	Lamp Specification	65W BR-30	18W Triple Tube	26W Triple Tube
10.5W	Total Input Watts	65W	20.1W	25.3W
50,000	Lamp Life (hrs.)	2,000	12,000	12,000
0.29W/FT^2	Watts Per Square Foot	1.81W/FT^2	0.56W/FT^2	0.70W/FT^2
Yes	Energy Star Qualified	No	Yes	Yes
Yes	Meets Requirements of T24 2008	No	Yes	Yes
	Illuminance Summary			
17.1fc	Average Illuminance	16.1fc	15.1fc	16.6fc
3:1	Uniformity Ratio (Max/Min)	4:1	3:1	3:1
	Operating Cost Summary			
$3.07	Annual Energy Cost Per Fixture*	$18.98	$5.87	$7.39
$0.00	Annual Relamping Cost Per Fixture**	$4.70	$3.20	$3.20
$3.07 Per Fixture x 9 Fixtures = **$27.63**	**Annual Operating Costs**	$23.68 Per Fixture x 9 Fixtures = **$213.12**	$9.07 Per Fixture x 9 Fixtures = **$81.63**	$10.59 Per Fixture x 9 Fixtures = **$95.31**
	Annual Savings for a 9 Fixture Layout	**$176.40**	**$44.91**	**$58.59**

*Total input watts x 8 hours/day x 365 days/year x $0.10/KWH/1000
**Replacement cost per lamp x annual hrs. of operation/lamp life

Residential Down-Lites

4" Low Voltage

Page 28

IC44 Series
4" 50W MR16

Page 29

TC44 Series
4" 50W MR16

Page 30

TC44R
4" 50W MR16 Remodel

Page 31

TC47 Series
4" 75W MR16

6" Low Voltage

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TC45
6" 50W MR16

Page 36

TC46
6" 50W PAR36

Mini LED Downlights

LED PRODUCT
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MD1L and MD1LW
Mini LED Downlight

LED PRODUCT
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MG1L
Mini LED Gimbal

3" Incandescent

Page 39

TC18
3" Complete Round
Fixture

Page 40

TC19
3" Complete Square
Fixture

4" LED

LED PRODUCT
Page 41

IC1LEDG3
4" LED Downlight

LED PRODUCT
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IC1RLEDG3
4" LED Downlight
Remodel

LED PRODUCT
Page 43

IC1LWDG3
4" WarmDim™ LED
Downlight

LED PRODUCT
Page 44

IC1RLWDG3
4" WarmDim™ LED
Downlight Remodel

Residential Down-Lites

4" Vertical Compact Fluorescent

Page 47

ICPL426E Series
4" 26W Triple

Page 48

PL426EU
4" 26W Triple

Page 49

PL426RE
4" 26W Triple Remodel

Page 50

ICPL418E
4" 18W Triple

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ICPL418RE
4" 18W Triple Remodel

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PL418EU
4" 18W Triple

Page 53

ICPL413E
4" 13W Triple

Page 54

ICPL413RE
4" 13W Triple Remodel

Page 55

PL413EU
4" 13W Triple

4" Incandescent

Page 58

IC1 Series
4" Compact Size

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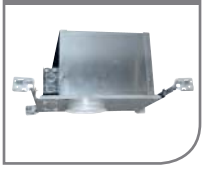
IC1P
4" Accepts Multiple
Lamp Types

Page 60

TC1 Series
4"

Page 61

TC1R
4" Remodel

5" LED

LED PRODUCT
Page 65

IC20LEDG3
5" LED Downlight

LED PRODUCT
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IC20RLEDG3
5" LED Downlight Remodel

LED PRODUCT
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IC20LWDG3
5" WarmDim™ LED
Downlight

LED PRODUCT
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IC20RLWDG3
5" WarmDim™ LED
Downlight Remodel

LED PRODUCT
Page 69

IC920LEDG3
5" LED Downlight

Residential Down-Lites

5" LED (cont)

LED PRODUCT

Page 70

IC920RLEDG3
5" LED Downlight
Remodel

5" Vertical Compact Fluorescent

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ICPL526E Series
5" 26W Triple

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ICPL526RE Series
5" 26W Triple Remodel

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PL526EU
5" 26W Triple

Page 75

PL526RE
5" 26W Triple Remodel

Page 76

ICPL518E
5" 18W Triple

Page 77

ICPL518RE
5" 18W Triple Remodel

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PL518EU
5" 18W Triple

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PL518RE
5" 18W Triple Remodel

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ICPL513E
5" 13W

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ICPL513RE
5" 13W Remodel

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PL513EU
5" 13W

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PL513RE
5" 13W Remodel

5" Incandescent

Page 85

IC20 Series
5"

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IC20R
5" Remodel

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TC20 Series
5"

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TC20R
5" Remodel

Residential Down-Lites

5" Shallow Incandescent

Page 92

IC25 Series
5" Shallow

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IC25R
5" Shallow Remodel

6" LED

LED PRODUCT
Page 95

IC22LEDG3
6" LED Downlight

LED PRODUCT
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IC22RLEDG3
6" LED Downlight
Remodel

LED PRODUCT
Page 97

IC22LWDG3
6" WarmDim™ LED
Downlight

LED PRODUCT
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IC22RLWDG3
6" WarmDim™ LED
Downlight Remodel

LED PRODUCT
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IC922LEDG3
6" LED Downlight

LED PRODUCT
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IC922RLEDG3
6" LED Downlight
Remodel

6" LED Retrofit

LED PRODUCT
Page 103

J6RLG3
6" LED Retrofit
Trim Module

LED PRODUCT
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J6RLWDG3
6" WarmDim™ LED Retrofit
Trim Module

LED PRODUCT
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J6RLEG3
6" LED Retrofit Eyeball
Trim Module

LED PRODUCT
Page 106

J6RLEWDG3
6" WarmDim™ LED Retrofit
Eyeball Trim Module

6" Vertical Compact Fluorescent

Page 107

ICPL632E Series
6" 32W Triple

Page 108

ICPL626E Series
6" 26W Triple

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ICPL626RE Series
6" 26W Triple Remodel

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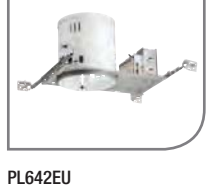

PL642EU
6" 42W Triple

Page 111

PL642RE
6" 42W Triple Remodel

Residential Down-Lites

6” Vertical Compact Fluorescent (cont)

Page 114

ICPL618E
6" 18W Triple

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ICPL618RE
6" 18W Triple Remodel

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PL618EU
6" 18W Triple

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PL618RE
6" 18W Triple Remodel

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ICPL613E
6" 13W

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PL613EU
6" 13W

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PL613RE
6" 13W Remodel

6" Incandescent High Wattage

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IC2 Series
6"

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TC2 Series
6"

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TC2R
6" Remodel

6" Incandescent

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IC22 Series
6"

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IC22R
6" Remodel

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IC23 Series
6" with Floating Socket

Residential Down-Lites

6" Shallow Incandescent

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IC21
6" Shallow

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IC21R
6" Shallow Remodel

6" LED Slope Ceiling

LED PRODUCT

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IC926LED9G3
6" LED Standard Slope

LED PRODUCT

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IC928LED9G3
6" LED Super Slope

6" Compact Fluorescent Slope Ceiling

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ICPL926-42 Series
6" Standard Slope

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ICPL926R-32 Series
6" Standard Slope
Remodel

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ICPL928-42 Series
6" Super Slope

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ICPL928R-32 Series
6" Super Slope Remodel

6" Incandescent Slope Ceiling

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IC926 Series
6" Standard Slope

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TC926
6" Standard Slope

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TC926R
6" Standard Slope
Remodel

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IC928 Series
6" Super Slope

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TC928
6" Super Slope

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TC928R
6" Super Slope Remodel

Residential Down-Lites

LED Night Lights and Step Lights

LED PRODUCT
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LMS
Mini LED Indoor
Step Light

LED PRODUCT
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LMSW
Mini LED Outdoor/Wet
Step Light

LED PRODUCT
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IC115LED
LED Outdoor Step Light

LED PRODUCT
Page 164

838LED
LED Outdoor Performance
Step Light

LED PRODUCT
Page 165

IC113LED
LED Indoor
Step Light/Night Light

Night Lights and Step Lights

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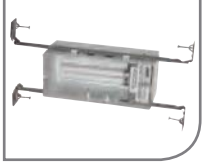
ICPL813
CFL Indoor
Step Light/Night Light

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PL115
CFL Outdoor Step Light

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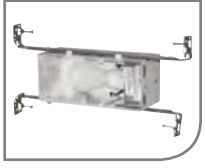
ICTC113
Incandescent Indoor
Step Light/Night Light

Specialty Fixtures

Page 169

IC6 and TC6
8" Incandescent Squares

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IC7 and TC7
10" Incandescent Squares

Accessories

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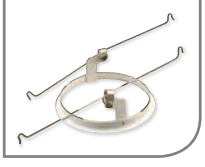
4", 5", 6" Housing
Accessories

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LED Accessories

Page 173

Trim Replacement Glass

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Miscellaneous Parts

Commercial Down-Lites

LED Downlights

LED PRODUCT
Page 176

TC920LEDG3
5" Commercial LED Downlight

LED PRODUCT
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TC922LEDG3
6" Commercial LED Downlight

Compact Fluorescent

Page 181

CV6
6" Vertical

Page 182

CV8
8" Vertical

Page 183

CH6
6" Horizontal

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CH8
8" Horizontal

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CH9
9" Horizontal

Metal Halide with Magnetic Ballast

Page 186

MX6
6" MH ED17
Protected Lamp

Page 187

M6
6" MH ED17
Non-Protected Lamp

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MX6
6" MH PAR30L

Page 189

MX8
8" MH ED17
Protected Lamp

Page 190

M8
8" MH ED17
Non-Protected Lamp

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M8
8" MH PAR38

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MX6-E
6" MH ED17
Protected Lamp

Page 193

M6-E
6" MH ED17
Non-Protected Lamp

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MX6-E
6" MH PAR30L

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MX8-E
8" MH ED17
Protected Lamp

Commercial Down-Lites

Metal Halide with Magnetic Ballast (cont)

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M8-E
8" MH ED17
Non-Protected Lamp

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M8-E
8" MH PAR38

Incandescent — A-Lamp

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TC906
6" A-Lamp

Page 199

TC906H
6" Low Profile A-Lamp

Page 200

TC908
8" A-Lamp

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TC931
8" Lensed A-Lamp

Incandescent — R/BR/PAR Lamp

Page 202

TC920
6" PAR30/38

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TC925
8" PAR38

Incandescent — PAR Lamp Adjustables

Page 204

TC954
6" PAR30/38 Adjustable

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TC958
6" PAR38 Adjustable

Options & Accessories

Page 206

Bar Hangers
(sets of 2)

Page 206

CFL Field Installed
Emergency Lighting Kits

Page 206

Electrical Options

Description

IC rated, low voltage, energy efficient, Air-Loc® sealed double wall construction housing does not require separate Air-Loc gasket • Can be completely covered with insulation • Air-Loc housing with all trims stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • Wet location listed with trims 441, 4401, 4402 and 4481 • Conforms with City of Chicago IP requirements

Features

- 4" Low voltage housing
- Ceramic bi-pin socket with aluminum heat shield
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Aluminum housing is fully assembled for ease of installation
- 120V to 12V 50VA thermally protected magnetic transformer
- May be dimmed using dimmers specifically designed for magnetic transformers
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented break-away bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (6) #12 AWG minimum 90° C branch circuit conductors (3 in, 3 out)
- Thermally protected against improper use of lamps
- MR16 lamp wattage based on trim selection. Trim selection follows IC44, TC44 and TC47 Series

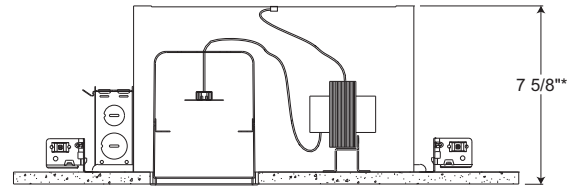
Ordering Information

Catalog No.	Description
IC44N	4" Low voltage housing, includes 50VA magnetic transformer
IC44S	IC44N with 1 1/4" deep plaster lip with smaller footprint bar hanger (Real Nail® 2)
IC44W	IC44N with push-in electrical connectors for fast, secure installation

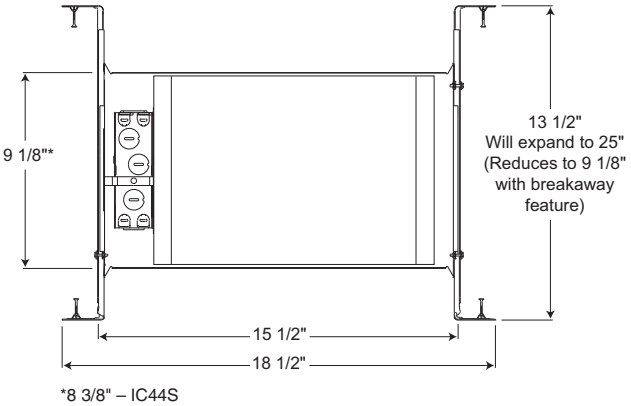
Ordering Information

Catalog No.	Description
4TSA	4" Housing adaptor converts original 4" housings for optimal retention of push-in style trims.

Dimensions



4 1/2" Ceiling Cutout



*8 3/8" – IC44S

Description
Non-IC rated low voltage housing • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings
UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with trims 441, 4401, 4402 and 4481 • Conforms with City of Chicago IP requirements

Features
- 4" Low voltage housing
- Ceramic bi-pin socket with aluminum heat shield
- Housing is vertically adjustable to accommodate up to a 1 1/4" ceiling thickness
- Steel housing is fully assembled for ease of installation
- 120V to 12V 50VA thermally protected magnetic transformer
- May be dimmed using dimmers specifically designed for magnetic transformers
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG minimum 90° C branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps or insulation
- MR16 lamp wattage based on trim selection. Trim selection follows IC44, TC44 and TC47 Series

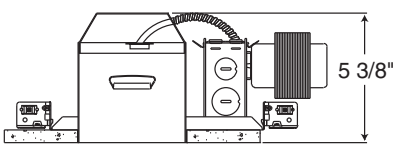
Ordering Information

Catalog No.	Description
TC44	4" Low voltage housing, includes 50VA magnetic transformer
TC44V	TC44 with 277V to 12V 50VA magnetic transformer
TC44S	TC44 with smaller footprint bar hanger (Real Nail® 2)

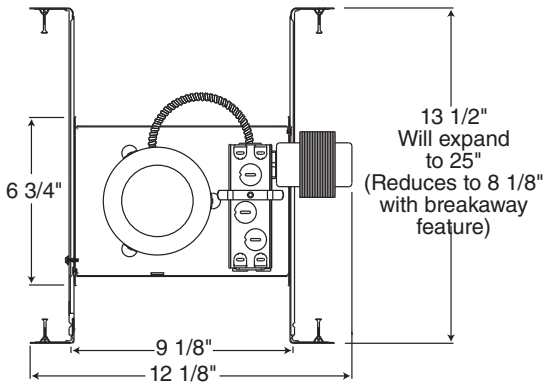
Ordering Information

Catalog No.	Description
4TSA	4" Housing adaptor converts original 4" housings for optimal retention of push-in style trims.

Dimensions



4 1/2" Ceiling Cutout



Down-Lites | TC44R

4" 50W MR16 Low Voltage Remodel Housing Non-IC Rated

Description

Non-IC rated, low voltage remodel housing for applications where the back side of the ceiling is not accessible

• Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with trims 441, 4401, 4402 and 4481 • Conforms with City of Chicago IP requirements

Features

- 4" Low voltage remodel housing
- Ceramic bi-pin socket with aluminum heat shield
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Steel housing is fully assembled for ease of installation
- Includes 120V to 12V 50VA thermally protected magnetic transformer
- May be dimmed using dimmers specifically designed for magnetic transformers
- Pre-wired junction box with (3) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG minimum 90° C branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps or insulation
- MR16 lamp wattage based on trim selection. Trim selection follows IC44, TC44 and TC47 Series

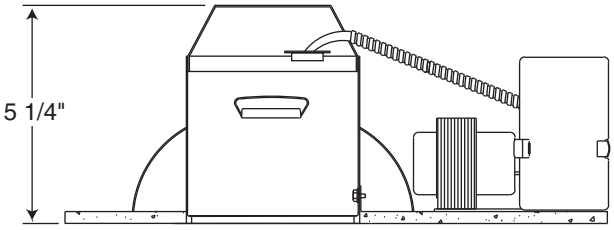
Ordering Information

Catalog No.	Description
TC44R	4" Low voltage remodel housing, includes 50VA magnetic transformer

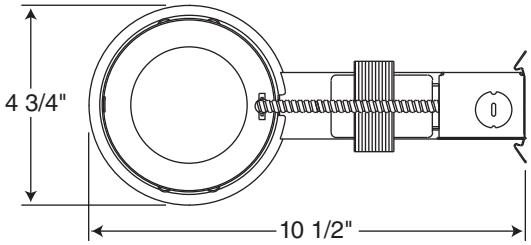
Ordering Information

Catalog No.	Description
SMPLT-4	Galvanized steel plate for locating remodel style housings in new construction. Screw/nail holes for full coverage between 16" and 24" joists.

Dimensions



4 3/8" Ceiling Cutout



Down-Lites | TC47 Series

4" 75W MR16 Low Voltage Housing Non-IC Rated

Description

Non-IC rated low voltage housing • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with trim 441 • Conforms with City of Chicago IP requirements

Features

- 4" Low voltage housing
- Ceramic bi-pin socket with aluminum heat shield
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Aluminum housing is fully assembled for ease of installation
- 120V to 12V 75VA thermally protected magnetic transformer
- May be dimmed using dimmers specifically designed for magnetic transformers
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG minimum 90° C branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps or insulation
- MR16 lamp wattage based on trim selection. Trim selection follows IC44, TC44 and TC47 Series

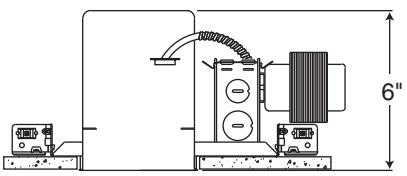
Ordering Information

Catalog No.	Description
TC47	4" Low voltage housing, includes 75VA magnetic transformer
TC47V	TC47 with 277V to 12V 75VA magnetic transformer

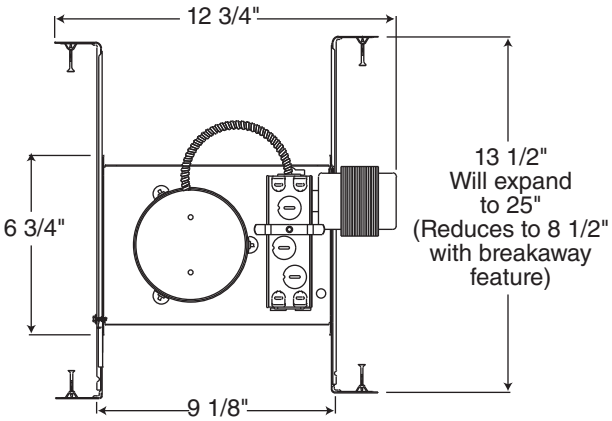
Ordering Information

Catalog No.	Description
4TSA	4" Housing adaptor converts original 4" housings for optimal retention of push-in style trims.

Dimensions



4 1/2" Ceiling Cutout

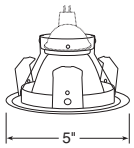


Downlights

Deep Cone

Catalog #	Description
442B-WH	Black Alzak®, White Trim
442C-WH	Clear Alzak®, White Trim
442G-WH	Gold Alzak®, White Trim
442HZ-WH	Haze, White Trim
442WHZ-WH	Wheat Haze, White Trim

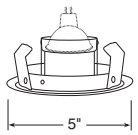
Max. Lamp Rating
50W MR16
Aperture
3 3/8″



Pinhole with Baffle

Catalog #	Description
443B-WH	White Trim

Max. Lamp Rating
IC/TC44: 50W MR16
TC47: 75W MR16
Aperture
1 1/4″

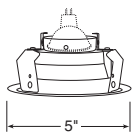


Adjustables

Baffle-Downlight/Adjustable

Catalog #	Description
444W-WH	White Baffle, White Trim
444B-WH	Black Baffle, White Trim
444B-BL	Black Baffle, Black Trim
444B-ABZ	Black Baffle, Classic Aged Bronze Trim
444B-SC	Black Baffle, Satin Chrome Trim

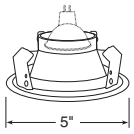
Max. Lamp Rating
IC/TC44: 50W MR16
TC47: 75W MR16
Aperture
3 3/8″
Adjustment
30° vertical



Cone-Downlight/Adjustable

Catalog #	Description
447B-WH	Black Alzak®, White Trim
447C-WH	Clear Alzak®, White Trim
447G-WH	Gold Alzak®, White Trim
447HZ-WH	Haze, White Trim
447PT-SC	Pewter Alzak®, Satin Chrome Trim
447WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
447WHZ-WH	Wheat Haze, White Trim

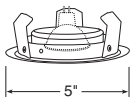
Max. Lamp Rating
IC/TC44: 50W MR16
TC47: 75W MR16
Aperture
3 3/8″
Adjustment
35° vertical



Flush Gimbal Ring

Catalog #	Description
440-ABZ	Classic Aged Bronze Trim
440-BL	Black Trim
440-SC	Satin Chrome Trim
440-WH	White Trim

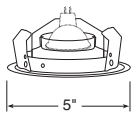
Max. Lamp Rating
50W MR16
Accessories
Uses 2″ light control lenses – consult factory
Adjustment
40° vertical



Adjustable Slot Aperture

Catalog #	Description
445-WH	White Trim

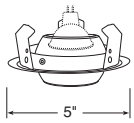
Max. Lamp Rating
IC/TC44: 50W MR16
TC47: 75W MR16
Aperture
1 1/2″ x 2 1/8″ Oblong
Adjustment
45° vertical



Eyeball with Black Baffle

Catalog #	Description
448-WH	White Eyeball with Black Baffle, White Trim

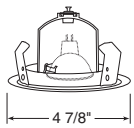
Max. Lamp Rating
IC/TC44: 50W MR16
TC47: 75W MR16
Adjustment
35° vertical



Aiming Elbow

Catalog #	Description
449-ABZ	Classic Aged Bronze Trim
449-BL	Black Trim
449-SC	Satin Chrome Trim
449-WH	White Trim

Max. Lamp Rating
50W MR16
Adjustment
75° vertical

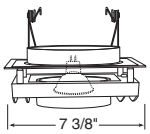


Adjustables (cont)

AVIO™ Square Gimbal Ring

Catalog #	Description
XR16101BL	Black Trim
XR16101GP	Graphite Trim
XR16101SL	Silver Trim
XR16101WH	White Trim

Max. Lamp Rating
IC/TC44: 50W MR16
TC47: 75W MR16
Adjustment
45° vertical



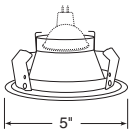
Lensed

Downlight/Adjustable Lensed Trim

Catalog #	Description
441W-ABZ	Perimeter Frosted Lens, Classic Aged Bronze Trim
441W-SC	Perimeter Frosted Lens, Satin Chrome Trim
441W-WH	Perimeter Frosted Lens, White Trim

Max. Lamp Rating
50W MR16
Adjustment
35° vertical

Wet Location

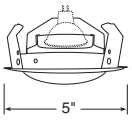


Wall Wash

Adjustable Scoop

Catalog #	Description
446-WH	White Trim

Max. Lamp Rating
IC/TC44: 50W MR16
TC47: 75W MR16
Adjustment
45° vertical



Decorative

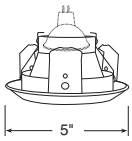
Beveled Lensed

Catalog #	Description
4402-ABZ	Regressed Perimeter Frosted Glass Lens, Classic Aged Bronze Trim
4402-SC	Regressed Perimeter Frosted Glass Lens, Satin Chrome Trim
4402-WH	Regressed Perimeter Frosted Glass Lens, White Trim

Not for use with TC47 series housings

Max. Lamp Rating
50W MR16
Adjustment
30° vertical

Wet Location



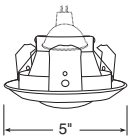
Beveled Dome Lensed

Catalog #	Description
4401-ABZ	Frosted Glass Lens, Classic Aged Bronze Trim
4401-SC	Frosted Glass Lens, Satin Chrome Trim
4401-WH	Frosted Glass Lens, White Trim

Not for use with TC47 series housings

Max. Lamp Rating
50W MR16

Wet Location

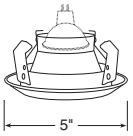


Beveled Cone

Catalog #	Description
4404HZ-SC	Haze, Satin Chrome Trim
4404WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim

Not for use with TC47 series housings

Max. Lamp Rating
50W MR16
Aperture
3 3/8″
Adjustment
30° vertical

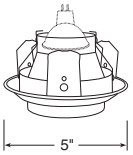


Beveled Cylinder

Catalog #	Description
4403FROST-SC	Frosted Glass, Satin Chrome Trim
4403FROST-WH	Frosted Glass, White Trim

Not for use with TC47 series housings

Max. Lamp Rating
50W MR16
Aperture
3″
Adjustment
30° vertical



Wet Location
UL listed for use in wet location.

Decorative (cont)

Glass Cylinder

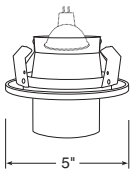
Catalog # 4450MESH-SC

Description Mesh Glass, Satin Chrome Trim

Not for use with TC47 series housings

Max. Lamp Rating 50W MR16

Aperture 2 5/8″



Frosted Glass

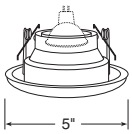
Catalog # 4481CLEAR

Description Perimeter Frosted Clear Glass

Not for use with TC47 series housings

Max. Lamp Rating 50W MR16

Wet Location



Solid Glass Collar

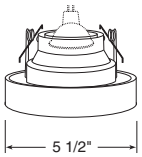
Catalog # 4480FROST

Description Frosted Glass

Not for use with TC47 series housings

Max. Lamp Rating 50W MR16

Aperture 2 5/8″



Wet Location

UL listed for use in wet location.

Down-Lites | TC45

6" 50W MR16 Low Voltage Housing & Trims Non-IC Rated

Description

Non-IC rated low voltage housing • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

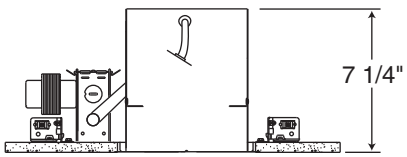
Features

- 6" Low voltage housing
- Ceramic bi-pin socket with aluminum heat shield
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Steel housing is fully assembled for ease of installation
- 120V to 12V 75VA thermally protected magnetic transformer
- May be dimmed using dimmers specifically designed for magnetic transformers
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG minimum 90° C branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of insulation
- MR16 lamp wattage based on trim selection below

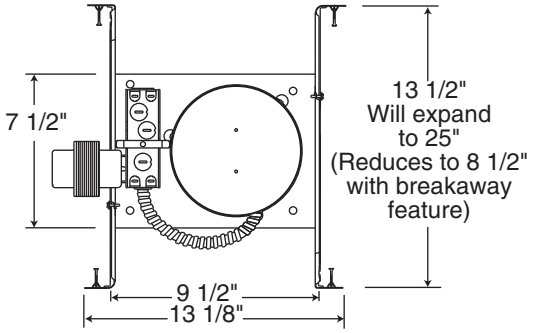
Ordering Information

Catalog No.	Description
TC45	6" Low voltage housing, includes 75VA magnetic transformer

Dimensions



6 7/8" Ceiling Cutout



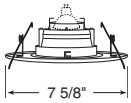
Adjustables

Baffle-Downlight/Adjustable

Catalog # 454B-WH

Description Black Baffle, White Trim

Max. Lamp Rating 75W MR16
Aperture 3 1/2"
Adjustment 35° vertical

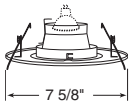


Cone-Downlight/Adjustable

Catalog # 457C-WH

Description Clear Alzak®, White Trim

Max. Lamp Rating 75W MR16
Aperture 3 1/2"
Adjustment 35° vertical

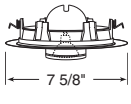


Cylinder Spotlight in Baffle

Catalog # 458W-WH

Description White Cylinder, White Baffle, White Trim

Max. Lamp Rating 50W MR16
Aperture 5 3/4"
Adjustment 50° vertical



Down-Lites | TC46

6" 50W PAR36 Low Voltage Housing & Trims Non-IC Rated

Description

Non-IC rated low voltage housing • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

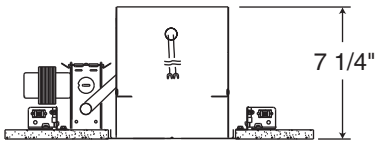
Features

- 6" Low voltage housing
- Leads supplied with spade connectors for screw terminal PAR36 lamps
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Steel housing is fully assembled for ease of installation
- 120V to 12V 50VA thermally protected magnetic transformer
- May be dimmed using dimmers specifically designed for magnetic transformers
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum 8 #12 AWG minimum 90° C branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamp or insulation
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- One 50W PAR36 lamp used in trim selection below

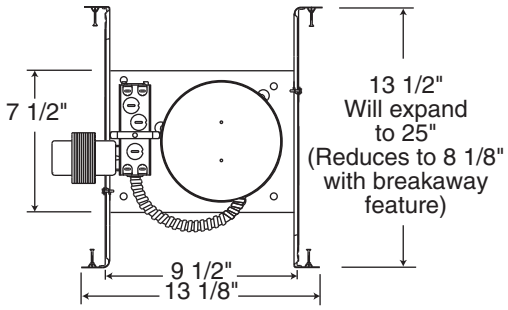
Ordering Information

Catalog No.	Description
TC46	6" Low voltage housing, includes 50VA magnetic transformer

Dimensions



6 7/8" Ceiling Cutout

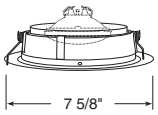


Adjustables

Baffle-Downlight/Adjustable

Catalog #	Description
464W-WH	White Baffle, White Trim
464B-WH	Black Baffle, White Trim

Max. Lamp Rating
50W PAR36
Aperture
5 3/4"
Adjustment
35° vertical

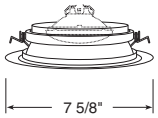


Cone-Downlight/Adjustable

Catalog #	Description
467C-WH*	Clear Alzak®, White Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
50W PAR36
Aperture
5 3/4"
Adjustment
35° vertical



Down-Lites | MD1L and MD1LW

Mini LED Downlight IC Rated

Description

IC rated for insulated or non-insulated applications
• Sleek, compact form factor provides direct accent lighting with low glare optic system that approximates the light output and distribution of 20W halogen lamps
• Ideal for both residential and commercial limited space applications including niches, bookshelves, displays and cabinets • Requires remote mount Class 2 120V to 12V AC electronic or magnetic transformer • Designed to provide 50,000 hours of life

Listings

UL Listed for indoor damp locations and daisy chaining
• MD1LW is outdoor and wet location approved
• Union made • UL and cUL listed • RoHS compliant

Features

- Miniature LED downlight housing and trim
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Comparable light output to 20W MR11 halogen lamps while consuming 5 watts
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- Die cast aluminum housing designed for use in IC (insulated ceiling) or Non-IC construction
- Tempered spring steel torsion clips are provided fully assembled to housing for fast, secure installation or removal in mounting surfaces from 1/8" to 1" thick material
- Choice of spot (16°), narrow flood (24°) or flood (35°) beam patterns
- Reflectors finished to match trim ring color for uniform appearance
- Wiring compartment provided with removable access plate and four pole terminal block for quick, secure connection
- Easy to wire with commonly available low voltage cable (Type CL2 or NEC equivalent, 18-12 AWG).
- UL /cUL listed for daisy chaining
- May be dimmed with dimmers tested and qualified by Juno® for use with TL602E and TL576

Ordering Information

Example: **MD1LW27K-SP-WH**

Catalog No.	Color Temp.	Optic	Finish
MD1L	**27K** 2700K	**SP** Spot	**WH** White
MD1LW (Outdoor & Wet Location Approved)	**3K** 3000K	**NFL** Narrow Flood	**BL** Black
	35K 3500K	**FL** Flood	**SN** Satin Nickel
	41K 4100K		**BZ** Bronze

Wet Location

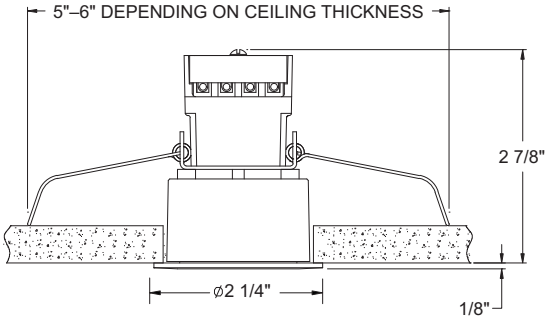
Transformers

TL602E

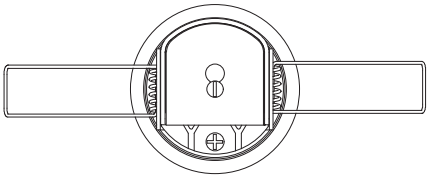
TL576

Catalog No.	Description	Finish
TL602E-10-WH	10W 12V AC Electronic Transformer	White
TL602E-25-WH	25W 12V AC Electronic Transformer	White
TL602E-60-WH	60W 12V AC Electronic Transformer	White
Options	**(Add as suffix to catalog number)**	
-CP6*	6ft. Cord and Plug, factory installed	
*Not UL Listed		
TL576-10-BL	10W 12V AC Magnetic Transformer	Black
TL576-25-BL	25W 12V AC Magnetic Transformer	Black
TL576-60-BL	60W 12V AC Magnetic Transformer	Black

Dimensions



2" Ceiling Cutout



Down-Lites | MG1L
Mini LED Gimbal IC Rated

Description
IC rated for insulated or non-insulated applications
• Sleek, compact form factor provides aimable accent lighting with performance that approximates the light output and distribution of 20W halogen lamps • Ideal for both residential and commercial limited space applications including niches, bookshelves, displays and cabinets • Requires remote mount Class 2 120V to 12V AC electronic or magnetic transformer
• Designed to provide 50,000 hours of life

Listings
UL Listed for indoor damp locations and daisy chaining
• Union made • UL and cUL listed • RoHS compliant

Features
- Miniature LED gimbal housing and trim
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Comparable light output to 20W MR11 halogen lamps while consuming 5 watts
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- Die cast aluminum housing designed for use in IC (insulated ceiling) or Non-IC construction
- Tempered spring steel torsion clips are provided fully assembled to housing for fast, secure installation or removal in mounting surfaces from 1/8" to 1" thick material
- Choice of spot (16°), narrow flood (24°) or flood (35°) beam patterns
- Aimable gimbal design provides up to 30° off vertical adjustment and 360° rotation
- Wiring compartment provided with removable access plate and four pole terminal block for quick, secure connection
- Easy to wire with commonly available low voltage cable (Type CL2 or NEC equivalent, 18-12 AWG).
- UL /cUL listed for daisy chaining
- May be dimmed with dimmers tested and qualified by Juno® for use with TL602E and TL576

Ordering Information
Example: **MG1L35K-NFL-SN**

Catalog No.	Color Temp.	Optic	Finish
MG1L	**27K** 2700K	**SP** Spot	**WH** White
	3K 3000K	**NFL** Narrow Flood	**BL** Black
	35K 3500K	**FL** Flood	**SN** Satin Nickel
	41K 4100K		**BZ** Bronze

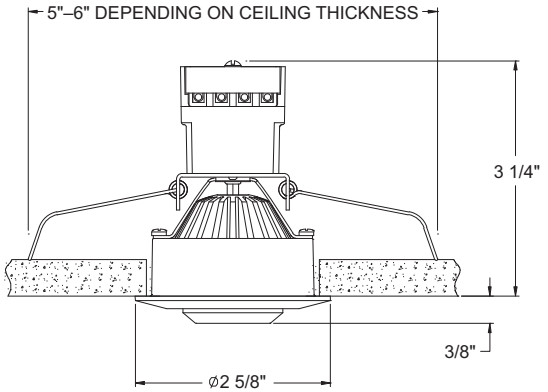
Transformers

TL602E

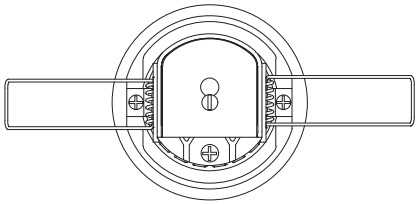
TL576

Catalog No.	Description	Finish
TL602E-10-WH	10W 12V AC Electronic Transformer	White
TL602E-25-WH	25W 12V AC Electronic Transformer	White
TL602E-60-WH	60W 12V AC Electronic Transformer	White
Options	**(Add as suffix to catalog number)**	
-CP6*	6ft. Cord and Plug, factory installed	
*Not UL Listed		
TL576-10-BL	10W 12V AC Magnetic Transformer	Black
TL576-25-BL	25W 12V AC Magnetic Transformer	Black
TL576-60-BL	60W 12V AC Magnetic Transformer	Black

Dimensions



2 3/8" Ceiling Cutout



Down-Lites | TC18

3" Incandescent Complete Round Fixture Non-IC Rated

Description

Non-IC recessed housing with trim can be installed in either new construction or remodel applications • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing • Round niche fixture produces focused accent lighting from a miniature 2 1/2" aperture

Listings

UL Listed, C-UL/CSA certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

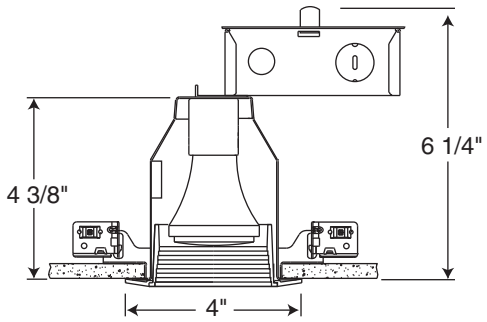
Features

- 3" Shallow round housing fits into tight spaces
- Unique plaster frame design facilitates new or remodel type installation
- Shipped as a complete fixture with housing, trim and bar hangers
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
  - Patented breakaway bars for tight joist spacing
  - Curved foot facilitates alignment with joist bottom
- Steel housing is fully assembled for ease of installation
- Medium base porcelain socket with nickel-plated copper screw shell
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (3) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum 4 #12 AWG minimum 90° C branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of insulation and lamps
- One 60W Max. PAR16 lamp

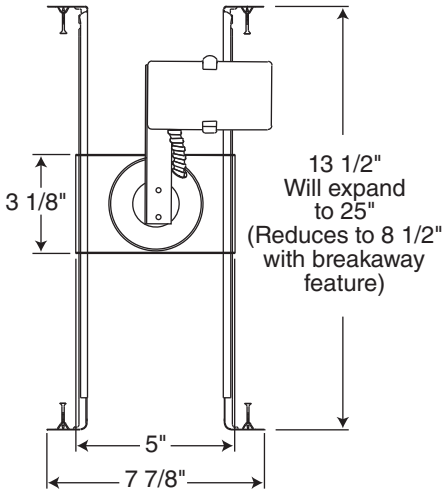
Ordering Information

Catalog No.	Description
TC18-184B-WH	Housing with black baffle, white trim ring
TC18-184W-WH	Housing with white baffle, white trim ring

Dimensions



3 1/4" Ceiling Cutout



Description

Non-IC recessed housing with trim can be installed in either new construction or remodel applications • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing • Square niche fixture produces focused accent lighting from a miniature 2 5/8" aperture

Listings

UL Listed, C-UL/CSA certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

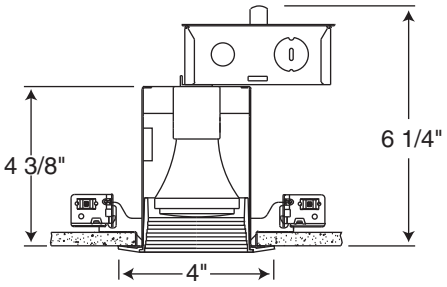
Features

- 3" Shallow square housing fits into tight spaces
- Unique plaster frame design facilitates new or remodel type installation
- Shipped as a complete fixture with housing, trim and bar hangers
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
  - Patented breakaway bars for tight joist spacing
  - Curved foot facilitates alignment with joist bottom
- Steel housing is fully assembled for ease of installation
- Medium base porcelain socket with nickel-plated copper screw shell
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (3) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG minimum 90° C branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of insulation and lamps
- One 60W Max. PAR16 lamp

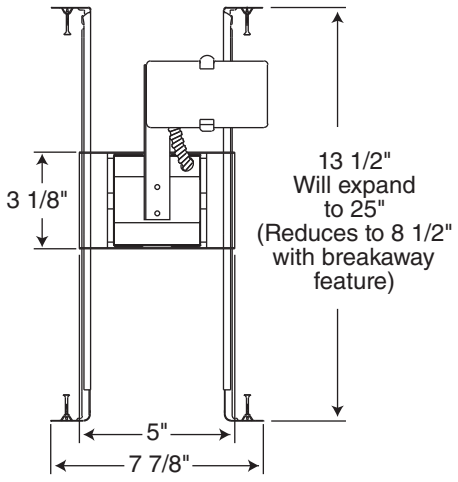
Ordering Information

Catalog No.	Description
TC19-194B-WH	Housing with black square baffle, white square trim ring

Dimensions



3 1/4" sq. Ceiling Cutout



Down-Lites | IC1LEDG3

4" LED Downlight Housing IC Rated

600 Lumen

Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with integral light engine • No extra gasket required • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 11, 12, 4101 and 4102 trims • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select trims • Certified to the high efficiency requirements of California T24-2008 with select trims

Features

- 4" LED housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 600 lumens with select trims using less than 11W*
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive inner housing and heat sink provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to inner housing assembly and incorporates the latest generation, high lumen output LED array
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Housing is vertically adjustable to accommodate up to a 1 1/2" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system permits quick placement of housing anywhere within 24" O.C. joists or suspended ceilings • Includes removable nail for repositioning of fixture in wood joist construction
  - Integral T-bar notch and clip for suspended ceilings
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- UL and cUL listed for through-branch wiring, maximum (6) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC1LEDG3 and IC1LWDG3 Series

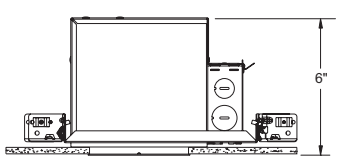
*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

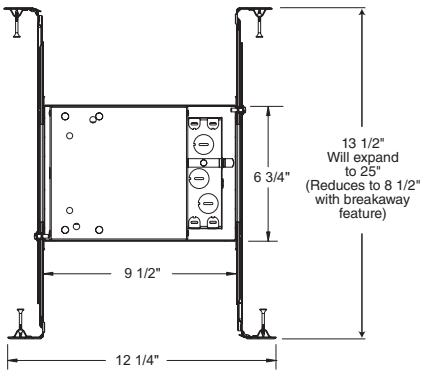
Example: **IC1LEDG3-27K-1**

Catalog No.	Color Temp.		Input Voltage	
IC1LEDG3	**27K**	2700K	**1**	Dedicated 120V Only (Forward Phase and ELV dimming)
	3K	3000K	**U**	Universal Voltage, 120-277V (0-10V dimming)
	35K	3500K		
	41K	4100K		

Dimensions



4 1/2" Ceiling Cutout



Down-Lites | IC1RLEDG3

4" LED Downlight Remodel Housing IC Rated

600 Lumen

Description

IC rated dedicated LED, Air-Loc® sealed remodel housing with integral light engine • For applications where the backside of the ceiling is not accessible • Can be completely covered with insulation • Secured in place by factory installed remodel springs • When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL listed for damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 11, 12, 4101 and 4102 trims • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select trims • Certified to the high efficiency requirements of California T24-2008 with select trims

Features

- 4" LED remodel housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 600 lumens with select trims using less than 11W*
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing and heat sink provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing assembly and incorporates the latest generation, high lumen output LED array
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Remodel springs accommodate up to a 1 1/2" ceiling thickness
- Pre-wired junction box with (5) 1/2" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Knockouts equipped with pryout slots
- Push-in electrical connectors included
- Trim selection follows IC1LEDG3 and IC1LWDG3 Series

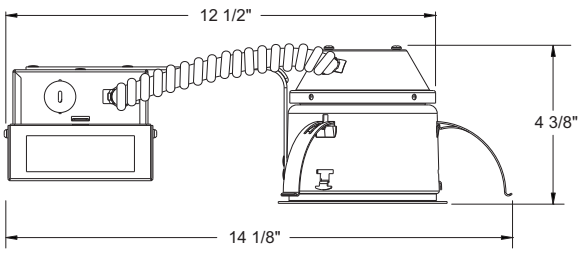
*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

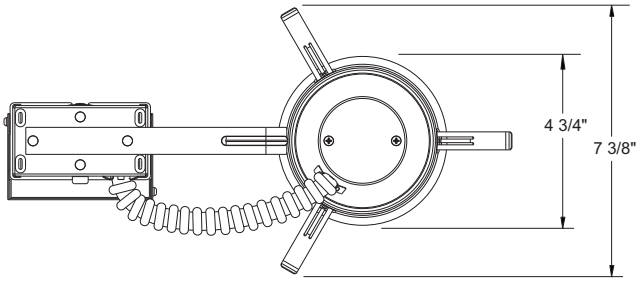
Example: **IC1RLEDG3-27K-1**

Catalog No.	Color Temp.		Input Voltage	
IC1RLEDG3	**27K**	2700K	**1**	Dedicated 120V Only (Forward Phase and ELV dimming)
	3K	3000K	**U**	Universal Voltage, 120-277V (0-10V dimming)
	35K	3500K		
	41K	4100K		

Dimensions



4 3/8" Ceiling Cutout



JUNO

Down-Lites | IC1LWDG3

4" WarmDim™ LED Downlight Housing IC Rated

600 Lumen

Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with WarmDim™ technology • LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources • No extra gasket required • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 11, 12, 4101 and 4102 trims • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select trims • Certified to the high efficiency requirements of California T24-2008 with select trims

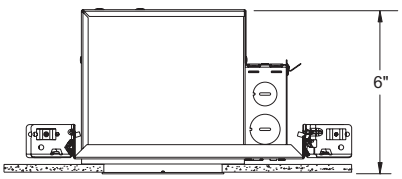
Features

- 4" WarmDim LED housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 600 lumens with select trims using 14W
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end of dimming range
- Rated for 50,000 hours at 70% lumen maintenance
- Replaceable light engine attached to high purity aluminum, thermally conductive inner housing and heat sink provides superior heat transfer to ensure long LED life
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Housing is vertically adjustable to accommodate up to a 1 1/2" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system permits quick placement of housing anywhere within 24" O.C. joists or suspended ceilings • Includes removable nail for repositioning of fixture in wood joist construction
  - Integral T-bar notch and clip for suspended ceilings
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- UL and cUL listed for through-branch wiring, maximum (6) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC1LEDG3 and IC1LWDG3 Series

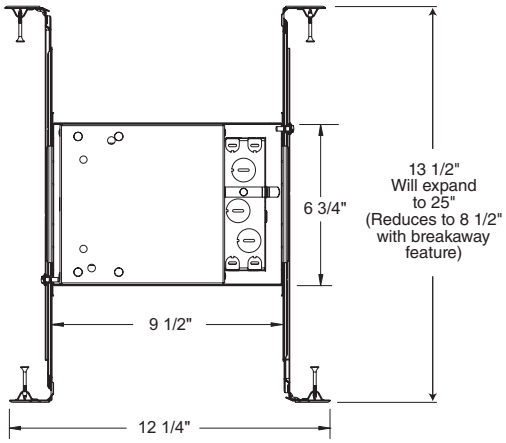
Ordering Information

Catalog No.	Description
IC1LWDG3-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase and ELV dimming) Input Voltage

Dimensions



4 1/2" Ceiling Cutout



Down-Lites | IC1RLWDG3

4" WarmDim™ LED Downlight Remodel Housing IC Rated 600 Lumen

Description

IC rated dedicated LED, Air-Loc® remodel housing with WarmDim™ technology • LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources • For applications where the backside of the ceiling is not accessible • Can be completely covered with insulation • Secured in place by factory installed remodel springs • When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL listed for damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 11, 12, 4101 and 4102 trims • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select trims • Certified to the high efficiency requirements of California T24-2008 with select trims

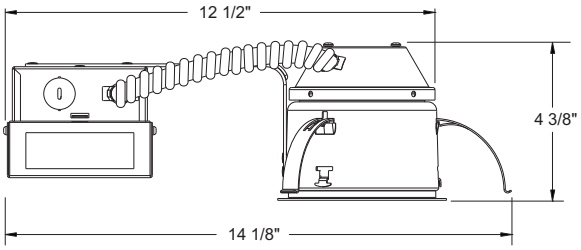
Features

- 4" WarmDim LED remodel housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 600 lumens with select trims using 14W
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end of dimming range
- Rated for 50,000 hours at 70% lumen maintenance
- Replaceable light engine attached to high purity aluminum, thermally conductive housing and heat sink provides superior heat transfer to ensure long LED life
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Remodel springs accommodate up to a 1 1/2" ceiling thickness
- Pre-wired junction box with (5) 1/2" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Knockouts equipped with pryout slots
- Push-in electrical connectors included
- Trim selection follows IC1LEDG3 and IC1LWDG3 Series

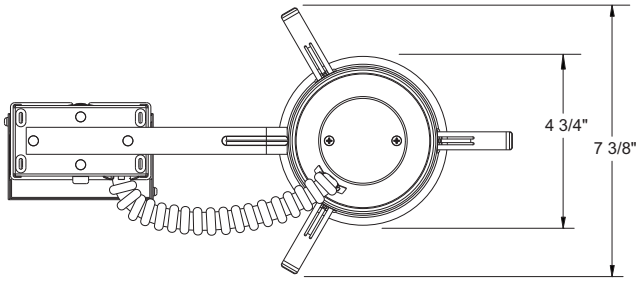
Ordering Information

Catalog No.	Description
IC1RLWDG3-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase and ELV dimming) Input Voltage

Dimensions



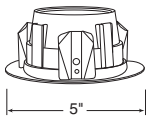
4 3/8" Ceiling Cutout



Downlight

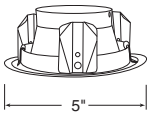
Baffle

Catalog #	Description	Aperture
14W-WH	White Baffle, White Trim	3 3/8″
14B-WH	Black Baffle, White Trim	
14B-BL	Black Baffle, Black Trim	
14B-ABZ	Black Baffle, Classic Aged Bronze	
14B-SC	Black Baffle, Satin Chrome Trim	



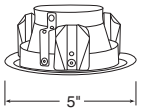
Cone

Catalog #	Description	Aperture
17B-WH	Black Alzak®, White Trim	3 3/8″
17C-WH	Clear Alzak®, White Trim	
17G-WH	Gold Alzak®, White Trim	
17HZ-WH	Haze, White Trim	
17PT-SC	Pewter Alzak®, Satin Chrome Trim	
17W-WH	Gloss White, White Trim	
17WHZ-WH	Wheat Haze, White Trim	
17WHZ-ABZ	Wheat Haze, Classic Aged Bronze	



Pinhole with Integral Shield

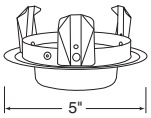
Catalog #	Description	Aperture
13-WH	White Trim	2″



Lensed

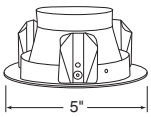
Drop Opal

Catalog #	Description
11-WH	



Frosted Lens with Clear Center

Catalog #	Description
12W-ABZ	Perimeter Frosted Lens, Classic Aged Bronze Trim
12W-SC	Perimeter Frosted Lens, Satin Chrome Trim
12W-WH	Perimeter Frosted Lens, White Trim



ENERGY STAR® Qualified

Certified to the high efficiency requirements of California T24-2008

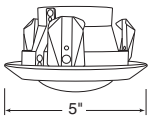
UL listed for use in wet location.

ENERGY STAR® qualification and T24 certification is dependant on trim finish and LED color temperature. See housing spec sheet on **www.junolightinggroup.com** for specific information for each trim.

Decorative

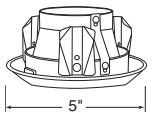
Beveled Dome Lensed

Catalog #	Description
4101-ABZ	Frosted Glass Lens, Classic Aged Bronze Trim
4101-SC	Frosted Glass Lens, Satin Chrome Trim
4101-WH	Frosted Glass Lens, White Trim



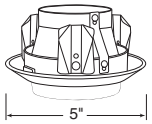
Beveled Lensed

Catalog #	Description
4102-ABZ	Regressed Perimeter Frosted Glass Lens, Classic Aged Bronze Trim
4102-SC	Regressed Perimeter Frosted Glass Lens, Satin Chrome Trim
4102-WH	Regressed Perimeter Frosted Glass Lens, White Trim



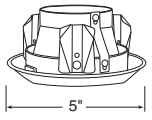
Beveled Cylinder

Catalog #	Description	Aperture
4103FROST-SC	Frost Glass, Satin Chrome Trim	3"
4103FROST-WH	Frost Glass, White Trim	



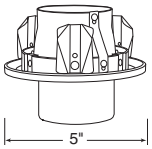
Beveled Cone

Catalog #	Description	Aperture
4104HZ-SC	Haze, Satin Chrome Trim	3 3/8"
4104WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim	



Glass Cylinder

Catalog #	Description	Aperture
4150MESH-SC	Mesh Glass, Satin Chrome Trim	2 5/8"



ENERGY STAR® Qualified

Certified to the high efficiency requirements of California T24-2008

UL listed for use in wet location.

ENERGY STAR® qualification and T24 certification is dependant on trim finish and LED color temperature. See housing spec sheet on **www.junolightinggroup.com** for specific information for each trim.

Description

IC rated Air-Loc, energy efficient vertical CFL housing with double wall construction • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL and cUL Listed for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with 11, 12, 4101 and 4102 trims

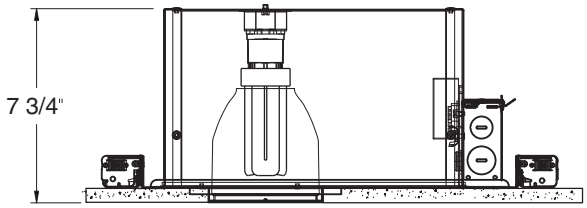
Features

- 4" Compact fluorescent housing
- California Title 24 compliant
- 120V HPF or NPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast is mounted to the inside of the housing on a removable junction box cover for ease of maintenance
- Fixed mounted socket attaches to top of housing
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL and cUL Listed for through-branch wiring, maximum (6) #12 AWG conductors (3 in, 3 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- 2 year warranty
- One 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL4 and PL4 Series

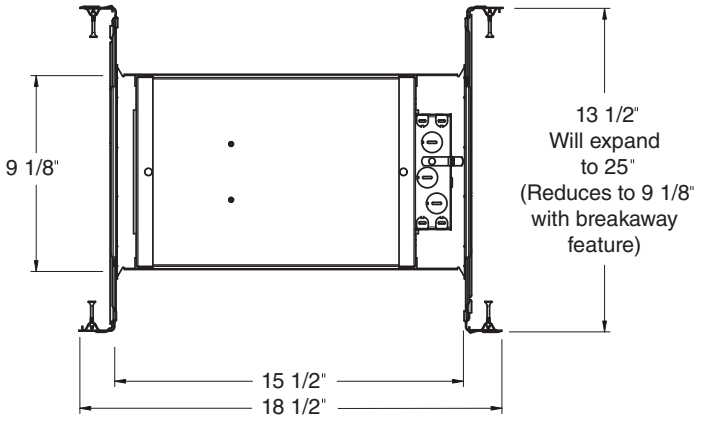
Ordering Information

Catalog No.	Description
ICPL426E	120V HPF ballast
ICPL426EN	120V NPF ballast
ICPL426EN-DB120	ICPL426E with 120V normal power factor (NPF) dimmable ballast — T24 compliant

Dimensions



4 1/2" Ceiling Cutout



Down-Lites | PL426EU

4" 26W Triple Vertical CFL Housing Non-IC Rated

Description

Non-IC rated vertical CFL housing with single wall construction • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with 11, 12, 4101 and 4102 trims

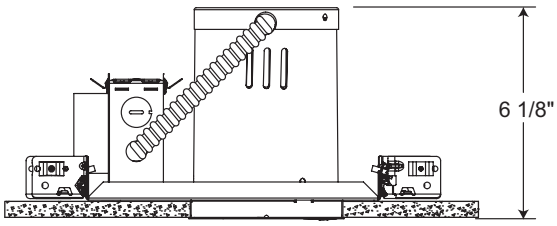
Features

- 4" Compact fluorescent housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Ballast mounted on junction box cover
- Fixed mounted socket attaches to top of housing
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system permits quick placement of housing anywhere within 24" O.C. joists or suspended ceilings • Integral T-bar notch and clip secures housing in suspended ceiling grid – no accessory clips required • 24" expansion stop allows quick placement of fixture in standard grid spacing • Bars scored in two locations for fast, clean breaking, allowing housing installation in tight applications • Quick-Loc slot and oversized locking set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- One 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL4 and PL4 Series

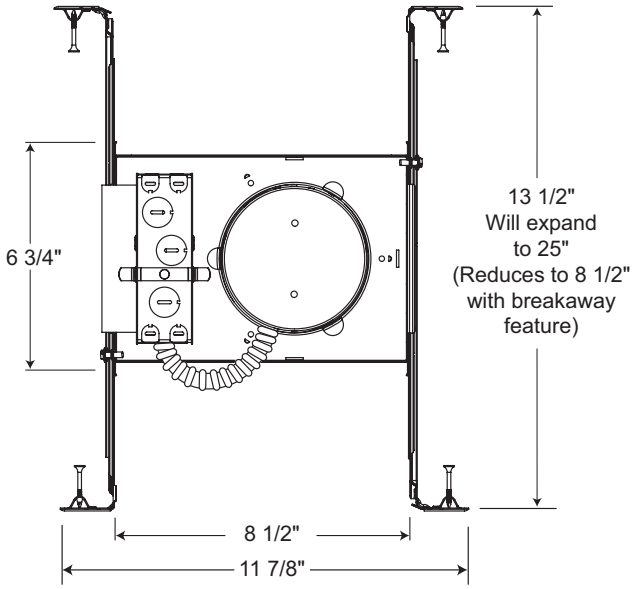
Ordering Information

Catalog No.	Description
PL426EU	120V - 277V HPF ballast

Dimensions



4 1/2" Ceiling Cutout



Down-Lites | PL426RE

4" 26W Triple Vertical CFL Remodel Housing Non-IC Rated

Description

Non-IC rated vertical CFL remodel housing for remodel applications where back side of ceiling is not accessible

- Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for damp and wet locations

- Wet location listed when used with 11, 12, 4101 and 4102 trims

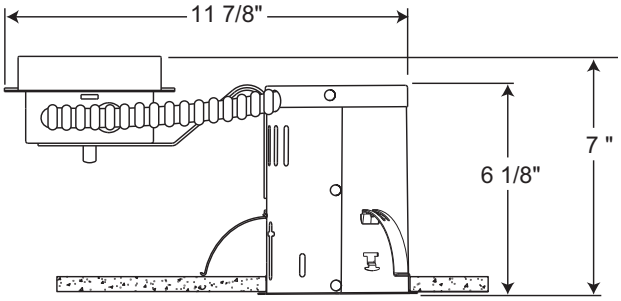
Features

- 4" Compact fluorescent remodel housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Fixed mounted socket attaches to top of housing
- Remodel clips accommodate up to a 1 1/8" ceiling thickness
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" knockouts, 4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- One 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL4 and PL4 Series

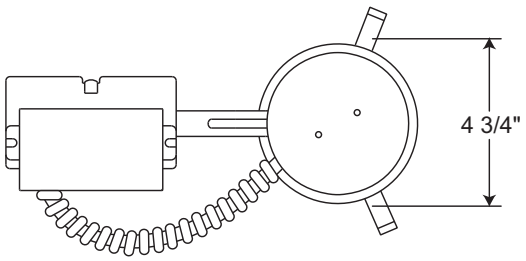
Ordering Information

Catalog No.	Description
PL426RE	120V - 277V HPF ballast

Dimensions



4 3/8" Ceiling Cutout



Down-Lites | ICPL418E

4" 18W Triple Vertical CFL Housing IC Rated

Description

IC rated Air-Loc, energy efficient vertical CFL housing with double wall construction • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL and cUL Listed for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with 11, 12, 4101 and 4102 trims

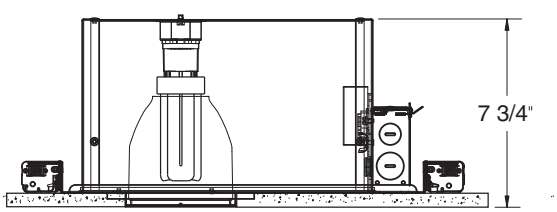
Features

- 4" Compact fluorescent housing
- California Title 24 compliant
- 120V HPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast is mounted to the inside of the housing on a removable junction box cover for ease of maintenance
- Fixed mounted socket attaches to top of housing
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL and cUL Listed for through-branch wiring, maximum (6) #12 AWG conductors (3 in, 3 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- 2 year warranty
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL4 and PL4 Series

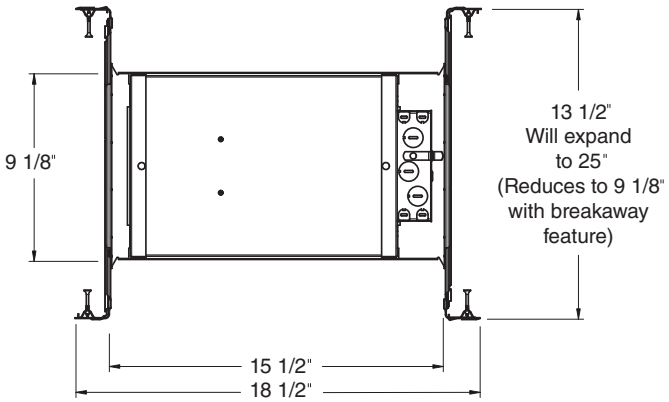
Ordering Information

Catalog No.	Description
ICPL418E	120V HPF ballast

Dimensions



4 1/2" Ceiling Cutout



Description

IC rated Air-Loc, energy efficient vertical CFL remodel housing for remodel applications where backside of ceiling is not accessible • Can be completely covered with insulation • ALG gaskets included

Listings

UL and cUL Listed for damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with 12, 4101 and 4102 trims

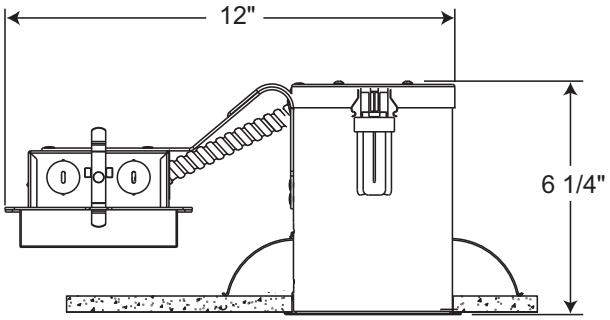
Features

- 4" Compact fluorescent remodel housing
- California Title 24 compliant
- 120V HPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast mounted to underside of junction box to minimize contact with insulation
- Fixed mounted socket attaches to top of housing
- Remodel clips accommodate up to a 1 1/8" ceiling thickness
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots and (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- 2 year warranty
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL4 and PL4 Series

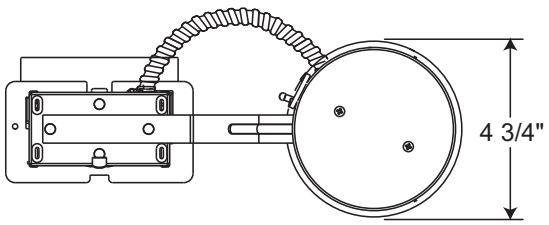
Ordering Information

Catalog No.	Description
ICPL418RE	120V HPF ballast

Dimensions



4 3/8" Ceiling Cutout



Down-Lites | PL418EU

4" 18W Triple Vertical CFL Housing Non-IC Rated

Description

Non-IC rated vertical CFL housing with single wall construction • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with 11, 12, 4101 and 4102 trims

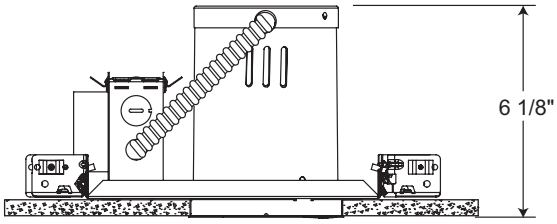
Features

- 4" Compact fluorescent housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Ballast mounted on junction box cover
- Fixed mounted socket attaches to top of housing
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system permits quick placement of housing anywhere within 24" O.C. joists or suspended ceilings • Integral T-bar notch and clip secures housing in suspended ceiling grid – no accessory clips required • 24" expansion stop allows quick placement of fixture in standard grid spacing • Bars scored in two locations for fast, clean breaking, allowing housing installation in tight applications • Quick-Loc slot and oversized locking set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL4 and PL4 Series

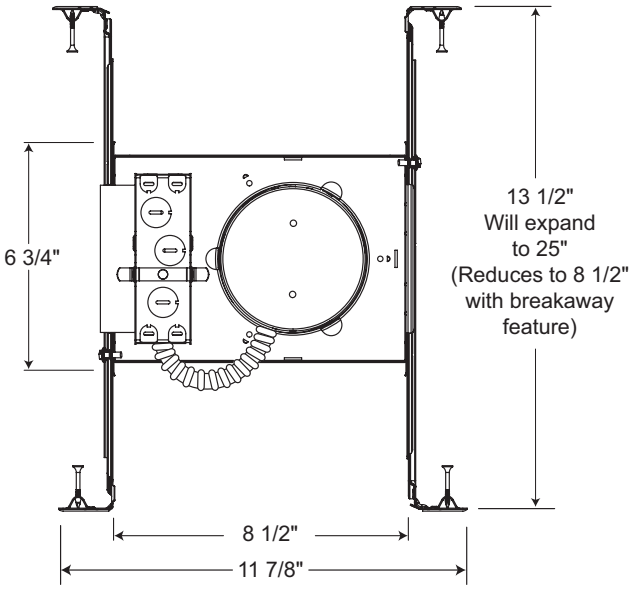
Ordering Information

Catalog No.	Description
PL418EU	120V - 277V HPF ballast

Dimensions



4 1/2" Ceiling Cutout



Description

IC rated Air-Loc, energy efficient vertical CFL housing with double wall construction • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL and cUL Listed for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with 11, 12, 4101 and 4102 trims

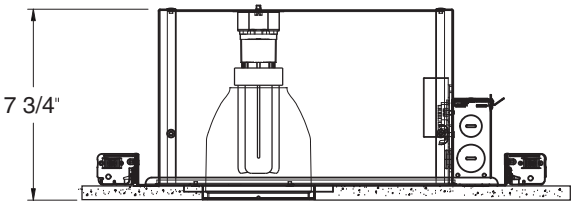
Features

- 4" Compact fluorescent housing
- California Title 24 compliant
- 120V HPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast is mounted to the inside of the housing on a removable junction box cover for ease of maintenance
- Fixed mounted socket attaches to top of housing
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL and cUL Listed for through-branch wiring, maximum (6) #12 AWG conductors (3 in, 3 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- 2 year warranty
- One 13W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL4 and PL4 Series

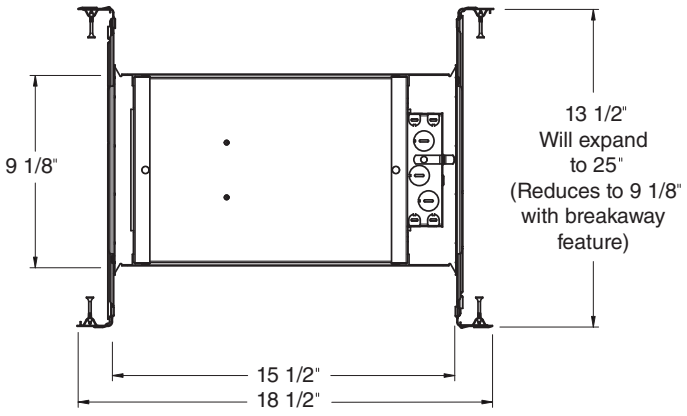
Ordering Information

Catalog No.	Description
ICPL413E	120V HPF ballast

Dimensions



4 1/2" Ceiling Cutout



Down-Lites | ICPL413RE

4" 13W Triple Vertical CFL Remodel Housing IC Rated

Description

IC rated Air-Loc, energy efficient vertical CFL remodel housing for remodel applications where backside of ceiling is not accessible • Can be completely covered with insulation • ALG gaskets included

Listings

UL and cUL Listed for damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with 12, 4101 and 4102 trims

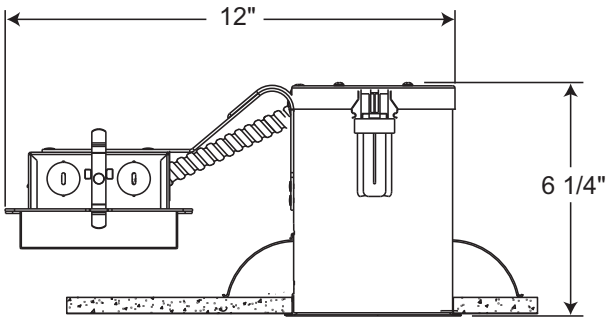
Features

- 4" Compact fluorescent remodel housing
- California Title 24 compliant
- 120V HPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast mounted to underside of junction box to minimize contact with insulation
- Fixed mounted socket attaches to top of housing
- Remodel clips accommodate up to a 1 1/8" ceiling thickness
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots and (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- 2 year warranty
- One 13W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL4 and PL4 Series

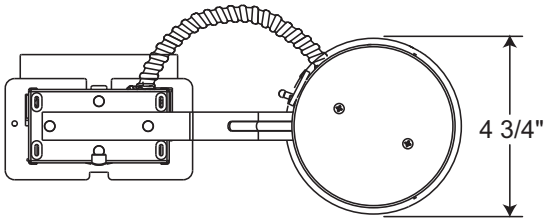
Ordering Information

Catalog No.	Description
ICPL413RE	120V HPF ballast

Dimensions



4 3/8" Ceiling Cutout



Down-Lites | PL413EU

4" 13W Triple Vertical CFL Housing Non-IC Rated

Description

Non-IC rated vertical CFL housing with single wall construction • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with 11, 12, 4101 and 4102 trims

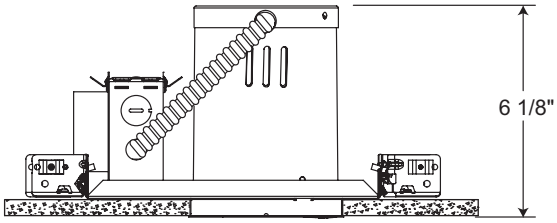
Features

- 4" Compact fluorescent housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Ballast mounted on junction box cover
- Fixed mounted socket attaches to top of housing
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system permits quick placement of housing anywhere within 24" O.C. joists or suspended ceilings • Integral T-bar notch and clip secures housing in suspended ceiling grid – no accessory clips required • 24" expansion stop allows quick placement of fixture in standard grid spacing • Bars scored in two locations for fast, clean breaking, allowing housing installation in tight applications • Quick-Loc slot and oversized locking set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- One 13W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL4 and PL4 Series

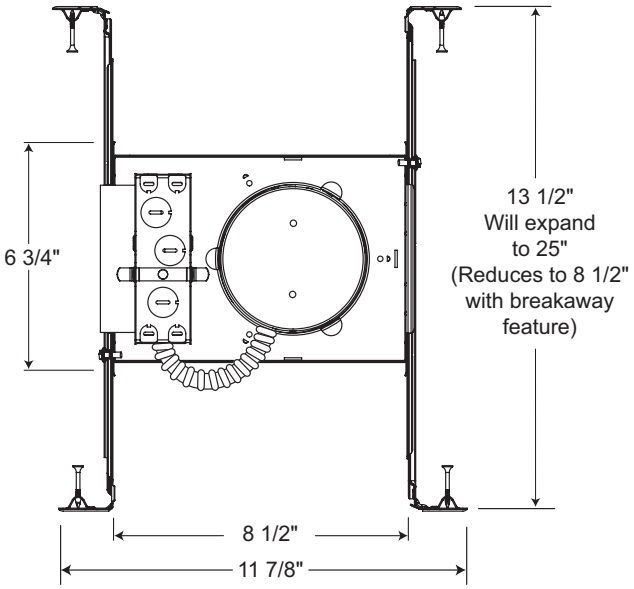
Ordering Information

Catalog No.	Description
PL413EU	120V - 277V HPF ballast

Dimensions



4 1/2" Ceiling Cutout

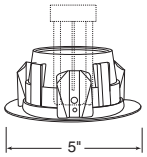


Downlight

Baffle

Catalog #	Description
14W-WH	White Baffle, White Trim
14B-WH	Black Baffle, White Trim
14B-BL	Black Baffle, Black Trim
14B-ABZ	Black Baffle, Classic Aged Bronze
14B-SC	Black Baffle, Satin Chrome Trim

Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
ICPL413/PL413: 13W CFL
Aperture
3 3/8″

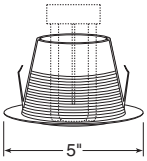


Baffle

Catalog #	Description
140W-WH	White Baffle, White Trim
140B-WH	Black Baffle, White Trim

Optimized for CFL

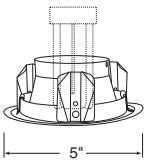
Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
ICPL413/PL413: 13W CFL
Aperture
3 3/8″



Cone

Catalog #	Description
17B-WH	Black Alzak®, White Trim
17CLI-WH	Clear, Low Iridescent Alzak®, White Trim
17G-WH	Gold Alzak®, White Trim
17HZ-WH	Haze, White Trim
17PT-SC	Pewter Alzak®, Satin Chrome Trim
17W-WH	Gloss White, White Trim
17WHZ-WH	Wheat Haze, White Trim
17WHZ-ABZ	Wheat Haze, Classic Aged Bronze

Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
ICPL413/PL413: 13W CFL
Aperture
3 3/8″

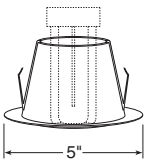


Cone

Catalog #	Description
170CLI-WH	Clear, Low Iridescent Alzak®, White Trim
170WHZ-WH	Wheat Haze, White Trim
170WHZ-ABZ	Wheat Haze, Classic Aged Bronze

Optimized for CFL

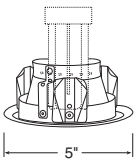
Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
ICPL413/PL413: 13W CFL
Aperture
3 3/8″



Pinhole with Integral Shield

Catalog #	Description
13-WH	White Trim

Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
ICPL413/PL413: 13W CFL
Aperture
2″



Lensed

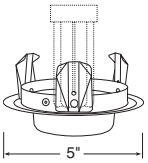
Drop Opal

Catalog #	Description
11-WH*	Drop Opal Lens, White Trim

*Not for use with ICPL413RE or ICPL418RE

Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
ICPL413/PL413: 13W CFL

AIR-LOC Wet Location

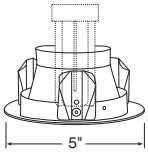


Frosted Lens with Clear Center

Catalog #	Description
12W-ABZ	Perimeter Frosted Lens, Classic Aged Bronze Trim
12W-SC	Perimeter Frosted Lens, Satin Chrome Trim
12W-WH	Perimeter Frosted Lens, White Trim

Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
ICPL413/PL413: 13W CFL

AIR-LOC Wet Location



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location UL listed for use in wet location.

Down-Lites | Trims for ICPL426E Series - ICPL413RE & PL426EU - PL413EU

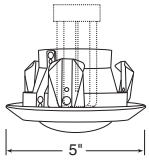
Decorative

Beveled Dome Lensed

Catalog #	Description
4101-ABZ	Frosted Glass Lens, Classic Aged Bronze Trim
4101-SC	Frosted Glass Lens, Satin Chrome Trim
4101-WH	Frosted Glass Lens, White Trim

Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
ICPL413/PL413: 13W CFL

AIR-LOC Wet Location

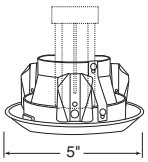


Beveled Lensed

Catalog #	Description
4102-ABZ	Regressed Perimeter Frosted Glass Lens, Classic Aged Bronze Trim
4102-SC	Regressed Perimeter Frosted Glass Lens, Satin Chrome Trim
4102-WH	Regressed Perimeter Frosted Glass Lens, White Trim

Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
ICPL413/PL413: 13W CFL

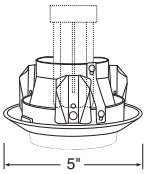
AIR-LOC Wet Location



Beveled Cylinder

Catalog #	Description
4103FROST-SC	Frost Glass, Satin Chrome Trim
4103FROST-WH	Frost Glass, White Trim

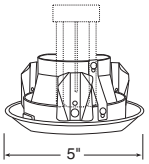
Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
ICPL413/PL413: 13W CFL
Aperture
3″



Beveled Cone

Catalog #	Description
4104HZ-SC	Haze, Satin Chrome Trim
4104WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim

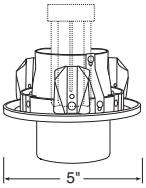
Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
ICPL413/PL413: 13W CFL
Aperture
3 3/8″



Glass Cylinder

Catalog #	Description
4150MESH-SC	Mesh Glass, Satin Chrome Trim

Max. Lamp Rating
ICPL426/PL426: 26W CFL
ICPL418/PL418: 18W CFL
ICPL413/PL413: 13W CFL
Aperture
2 5/8″



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location UL listed for use in wet location.

Description

IC rated, energy efficient Air-Loc® sealed double wall construction housing does not require separate Air-Loc gasket • Can be completely covered with insulation • Air-Loc housing with all trims stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • Wet location listed with trims 11, 12, 4101, 4102 and 4181 • Wet location listed with trims 14 and 17 with outdoor rated PAR20 lamps • Conforms with City of Chicago IP requirements

Features

- 4" Housing
- Medium base porcelain socket with nickel-plated copper screw shell
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Aluminum housing is fully assembled for ease of installation
- Shipped with socket cap to protect against paint overspray
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (6) #12 AWG minimum 90° C branch circuit conductors (3 in, 3 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC1 and TC1 Series

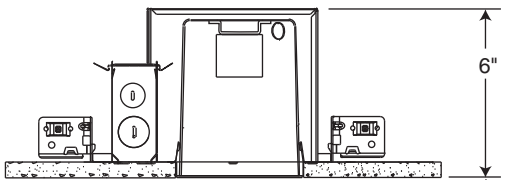
Ordering Information

Catalog No.	Description
IC1	4" IC Incandescent housing
IC1S	IC1 with smaller footprint bar hanger (Real Nail® 2)
IC1W	IC1 with push-in electrical connectors for fast, secure installation

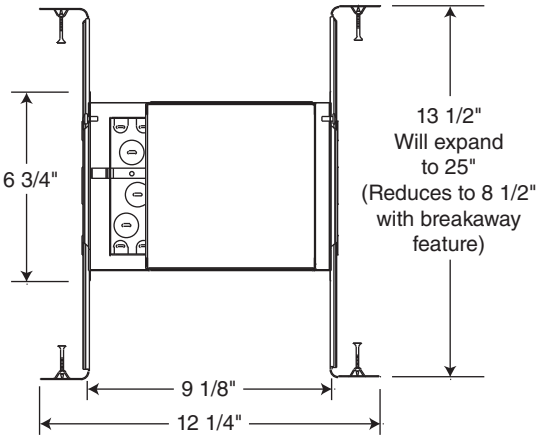
Ordering Information

Catalog No.	Description
GU10-WHIP	Medium base to GU10 base flexible socket adapter (use with 440 & 448 trims only)
T599	1" Socket Extender
4TSA	4" Housing adaptor converts original 4" housings for optimal retention of push-in style trims

Dimensions



4 1/2" Ceiling Cutout



Description

IC rated, energy efficient, Air-Loc® sealed double wall construction housing does not require separate Air-Loc gasket • Can be completely covered with insulation • Air-Loc housing with all trims stops infiltration and exfiltration of air, reducing heating and cooling costs • 4" IC housing optimized for PAR20 gimbal and higher wattage 120V MR16 lamps

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • Wet location listed with trims 11, 12, 4101, 4102 and 4181 • Wet location listed with trims 14 and 17 with PAR20 outdoor rated lamps • Conforms with City of Chicago IP requirements

Features

- 4" Housing
- Detachable medium base porcelain socket with nickel-plated copper screw shell
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Aluminum housing is fully assembled for ease of installation
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (6) #12 AWG minimum 90° C branch circuit conductors (3 in, 3 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC1 and TC1 Series

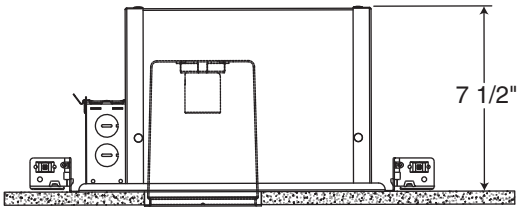
Ordering Information

Catalog No.	Description
IC1P	4" Air-Loc® rated IC housing, detachable socket

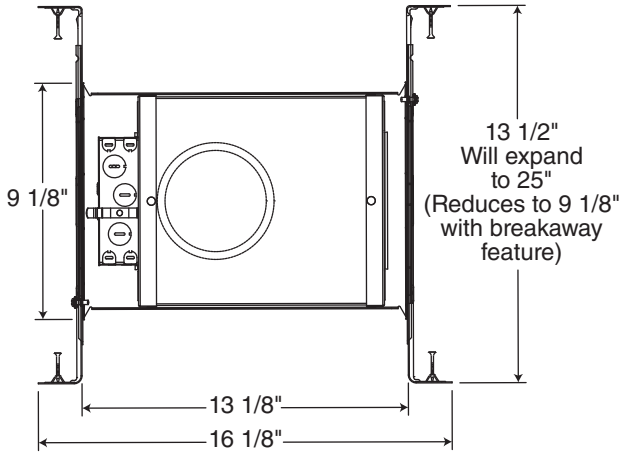
Ordering Information

Catalog No.	Description
GU10-WHIP	Medium base to GU10 base flexible socket adapter. Use with 10, 440, 445, 446 & 448 trims only

Dimensions



4 1/2" Ceiling Cutout



Description

Non-IC rated housing • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with trims 11, 12, 4101, 4102 and 4181 • Wet location listed with trims 14 and 17 with PAR20 outdoor rated lamps • Conforms with City of Chicago IP requirements

Features

- 4" Housing
- Detachable medium base porcelain socket with nickel-plated copper screw shell
- Vertically adjustable to accommodate up to a 1 1/4" ceiling thickness
- Steel housing is fully assembled for ease of installation
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG minimum 90° C branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps or insulation
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC1 and TC1 Series

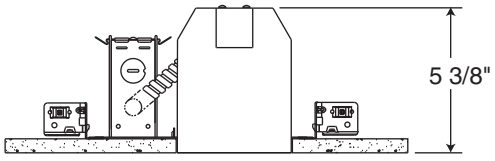
Ordering Information

Catalog No.	Description
TC1	4" TC Incandescent housing
TC1S	TC1 with smaller footprint bar hanger (Real Nail® 2)

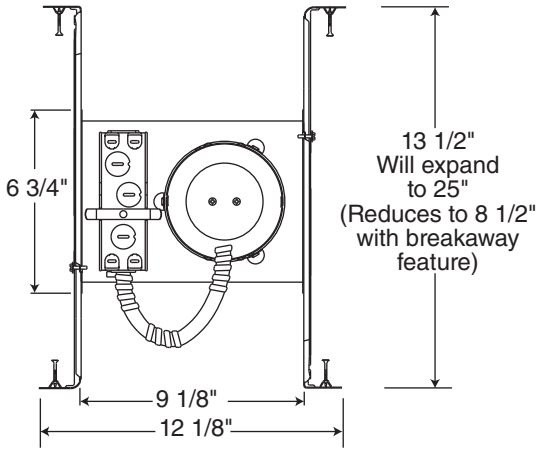
Ordering Information

Catalog No.	Description
GU10-WHIP	Medium base to GU10 base flexible socket adapter. Use with 10, 440, 445, 446 & 448 trims only
4TSA	4" Housing adaptor converts original 4" housings for optimal retention of push-in style trims

Dimensions



4 1/2" Ceiling Cutout



Down-Lites | TC1R

4" Incandescent Remodel Housing Non-IC Rated

Description

Non-IC rated remodel housing for applications where the back side of the ceiling is not accessible • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with trims 11, 12, 4101, 4102 and 4181 • Wet location listed with trims 14 and 17 with PAR20 outdoor rated lamps • Conforms with City of Chicago IP requirements

Features

- 4" Remodel housing
- Detachable medium base porcelain socket with nickel-plated copper screw shell
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Steel housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG minimum 90° C branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps or insulation
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC1 and TC1 Series

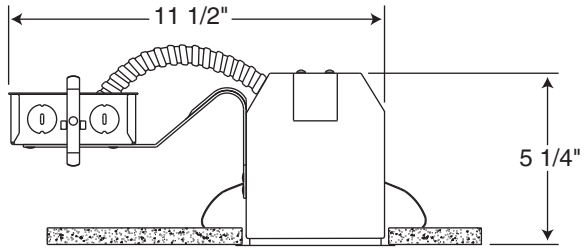
Ordering Information

Catalog No.	Description
TC1R	4" TC Incandescent remodel housing

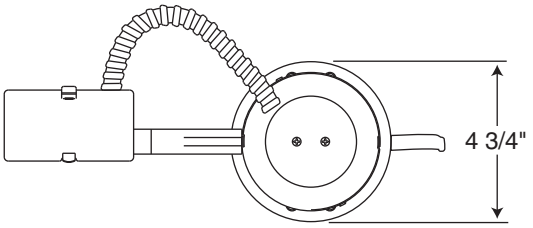
Ordering Information

Catalog No.	Description
SMPLT-4	Galvanized steel plate for locating remodel style housings in new construction. Screw/nail holes for full coverage between 16" and 24" joists
GU10-WHIP	Medium base to GU10 base flexible socket adapter. Use with 10, 440, 445, 446 & 448 trims only

Dimensions



4 3/8" Ceiling Cutout



Down-Lites | Trims for IC1 Series, IC1P, TC1 Series & TC1R

Downlights

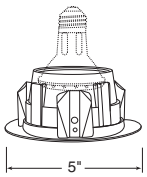
Baffle

Catalog #	Description
14W-WH	White Baffle, White Trim
14B-WH	Black Baffle, White Trim
14B-BL	Black Baffle, Black Trim
14B-ABZ	Black Baffle, Classic Aged Bronze
14B-SC	Black Baffle, Satin Chrome Trim

IMPORTANT: Wet location listed only with outdoor rated PAR20 lamp

**Requires T599 socket extender when using GE lamps (see Accessories)

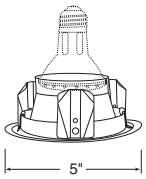
Max. Lamp Rating
IC1: 50W PAR20**, 50W R20
IC1P/TC1/TC1R: 50W
PAR20/R20
Aperture
3 3/8″

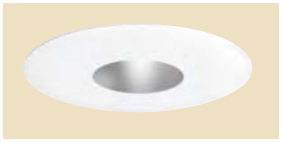


PAR20/R20 Cone

Catalog #	Description
17B-WH	Black Alzak®, White Trim
17C-WH	Clear Alzak®, White Trim
17G-WH	Gold Alzak®, White Trim
17HZ-WH	Haze, White Trim
17PT-SC	Pewter Alzak®, Satin Chrome Trim
17W-WH	Gloss White, White Trim
17WHZ-WH	Wheat Haze, White Trim
17WHZ-ABZ	Wheat Haze, Classic Aged Bronze

Max. Lamp Rating
IC1/IC1P/TC1/TC1R: 50W
PAR20/R20
IC1P: 60W K19
Aperture
3 3/8″

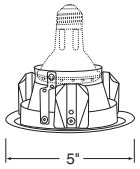




Pinhole with Integral Shield

Catalog #	Description
13-WH	White Trim

Max. Lamp Rating
IC1: 30W R20, 35W PAR20
IC1P/TC1/TC1R: 50W
PAR20/R20
IC1P: 40W K19
Aperture
2″



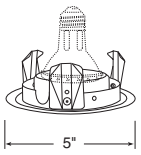
Adjustables

Flush Gimbal Ring

Catalog #	Description
10-ABZ	Classic Aged Bronze Trim
10-BL	Black Trim
10-SC	Satin Chrome Trim
10-WH	White Trim

Not for use with IC1/IC1S/IC1W housings

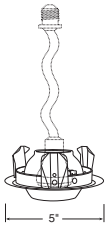
Max. Lamp Rating
IC1P/TC1/TC1R: 50W
PAR20, 75W ES20*
Adjustment
PAR20 = 25°
ES20 = 35°



Mini Eyeball PAR16/R16

Catalog #	Description
18-SC	Satin Chrome Trim
18-WH	White Trim

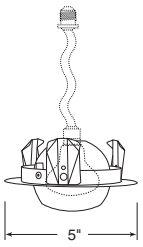
Max. Lamp Rating
60W PAR16
40W R16
Adjustment
35° vertical



Mini Eyeball R16/R14
(intermediate base)

Catalog #	Description
19-WH	White Trim

Max. Lamp Rating
40W R14
40W R16
Intermediate screw base
Adjustment
35° vertical

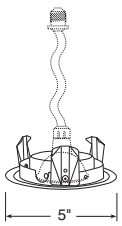


Flush Gimbal Ring

Catalog #	Description
440-ABZ	Classic Aged Bronze Trim
440-BL	Black Trim
440-SC	Satin Chrome Trim
440-WH	White Trim

*Requires GU10-WHIP

Max. Lamp Rating
IC1: 35W MR16/ES16
120V GU10 base*
IC1P/TC1/TC1R: 50W
MR16/PAR16/ES16 1
20V GU10 base*
Adjustment
40° vertical



UL listed for use in wet location.

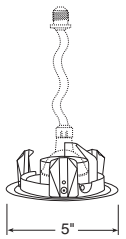
Adjustables (cont)

Adjustable Slot Aperture

Catalog #	Description
445-WH	White Trim

Not for use with IC1/IC1S/IC1W housings

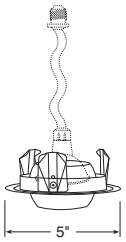
Max. Lamp Rating
IC1P: 50W MR16/ES16 120V GU10 base*
TC1/TC1R: 50W MR16/PAR16/ES16 120V GU10 base*
Aperture
1 1/2" x 2 1/8" Oblong
Adjustment
40° vertical



Eyeball with Black Baffle

Catalog #	Description
448-SC	Satin Chrome Eyeball with Black Baffle, Satin Chrome Trim
448-WH	White Eyeball with Black Baffle, White Trim

Max. Lamp Rating
IC1: 35W MR16/ES16 120V GU10 base*
IC1P: 50W MR16/ES16 120V GU10 base*
TC1/TC1R: 50W MR16/PAR16/ES16 120V GU10 base*
Adjustment
35° vertical



Lensed

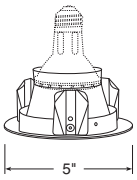
Frosted Lens with Clear Center

Catalog #	Description
12W-ABZ	Perimeter Frosted Lens, Classic Aged Bronze Trim
12W-SC	Perimeter Frosted Lens, Satin Chrome Trim
12W-WH	Perimeter Frosted Lens, White Trim

** requires T599 Socket Extender (see Accessories)

Max. Lamp Rating
IC1: 30W R20, 50W PAR20**
IC1P: 50W PAR20/R20, 40W K19
TC1/TC1R: 50W PAR20/R20

Wet Location

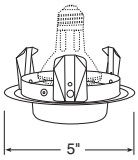


Drop Opal

Catalog #	Description
11-WH	Drop Opal Lens, White Trim

Max. Lamp Rating
IC1: 30W R20, 35W PAR20
IC1P: 30W R20, 50W PAR20, 40W K19
TC1/TC1R: 50W PAR20/R20

Wet Location

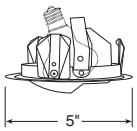


Wall Wash

Adjustable Scoop

Catalog #	Description
16-WH	White Trim

Max. Lamp Rating
40W R14
40W R16
intermediate screw base
Adjustment
50° vertical

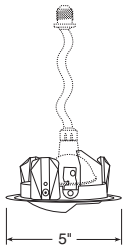


Adjustable Scoop

Catalog #	Description
446-WH	White Trim

Not for use with IC1/IC1S/IC1W housings

Max. Lamp Rating
IC1P: 50W MR16/ES16 120V GU10 base*
TC1/TC1R: 50W MR16/PAR16/ES16 120V GU10 base*
Adjustment
40° vertical



Wet Location

UL listed for use in wet location.

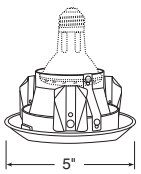
Decorative

Beveled Lensed

Catalog #	Description
4102-ABZ	Regressed Perimeter Frosted Glass Lens, Classic Aged Bronze Trim
4102-SC	Regressed Perimeter Frosted Glass Lens, Satin Chrome Trim
4102-WH	Regressed Perimeter Frosted Glass Lens, White Trim

Max. Lamp Rating
IC1: 50W PAR20, 30W R20
IC1P/TC1/TC1R: 50W PAR/R20

Wet Location

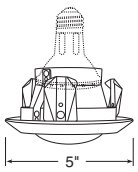


Beveled Dome Lensed

Catalog #	Description
4101-ABZ	Frosted Glass Lens, Classic Aged Bronze Trim
4101-SC	Frosted Glass Lens, Satin Chrome Trim
4101-WH	Frosted Glass Lens, White Trim

Max. Lamp Rating
IC1: 50W PAR20, 30W R20
IC1P/TC1/TC1R: 50W PAR/R20

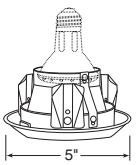
Wet Location



Beveled Cone

Catalog #	Description
4104HZ-SC	Haze, Satin Chrome Trim
4104WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim

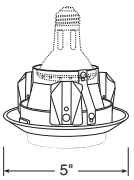
Max. Lamp Rating
50W PAR/R20
Aperture
3 3/8″



Beveled Cylinder

Catalog #	Description
4103FROST-SC	Frosted Glass, Satin Chrome Trim
4103FROST-WH	Frosted Glass, White Trim

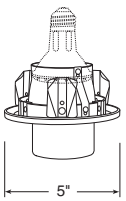
Max. Lamp Rating
50W PAR/R20
Aperture
3″



Glass Cylinder

Catalog #	Description
4150MESH-SC	Mesh Glass, Satin Chrome Trim

Max. Lamp Rating
IC1: 50W PAR20, 30W R20
IC1P/TC1/TC1R: 50W PAR/R20
Aperture
2 5/8″

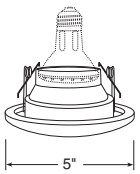


Frosted Glass

Catalog #	Description
4181CLEAR	Perimeter Frosted Clear Glass

Max. Lamp Rating
IC1: 35W PAR20, 30W R20
IC1P/TC1/TC1R: 50W PAR/R20

Wet Location

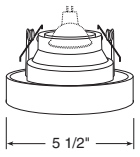


Solid Glass Collar

Catalog #	Description
4180FROST	Frosted Glass

** requires T599 Socket Extender (see Accessories)

Max. Lamp Rating
IC1: 50W R20**, 50W PAR20
IC1P/TC1/TC1R: 50W PAR20/R20
Aperture
2 5/8″



Wet Location
UL listed for use in wet location.

Down-Lites | IC20LEDG3

5" LED Downlight Housing IC Rated

600 Lumen

Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with integral light engine • Shallow housing design allows for fit in 2 x 6 construction • No extra gasket required • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 210N, 212N, 2130 and 5101 trims • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select trims • Certified to the high efficiency requirements of California T24-2008 with select trims

Features

- 5" LED housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 600 lumens using less than 11W*
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing and incorporates the latest generation, high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature secures housing in suspended ceilings
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- UL and cUL listed for through-branch wiring, maximum (8) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC20LEDG3, IC20LWDG3 and IC920LEDG3 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

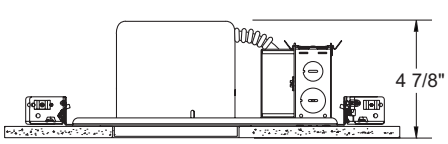
Example: **IC20LEDG3-27K-1**

Catalog No.	Color Temp.	Input Voltage
IC20LEDG3	**27K** 2700K	**1** Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	
	35K 3500K	
	41K 4100K	**U** Universal Voltage, 120-277V (0-10V dimming)

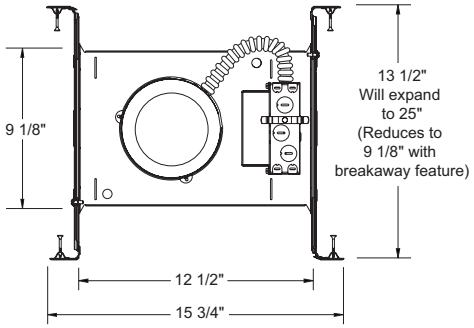
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



5 5/8" Ceiling Cutout



Down-Lites | IC20RLEDG3

5" LED Downlight Remodel Housing IC Rated

600 Lumen

Description

IC rated dedicated LED, Air-Loc® sealed remodel housing with integral light engine for applications where the back side of the ceiling is not accessible • Shallow housing design allows for fit in 2 x 6 construction • Secured in place by factory installed remodel springs • Can be completely covered with insulation • When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL listed for damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 210N, 212N, 2130 and 5101 trims • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select trims • Certified to the high efficiency requirements of California T24-2008 with select trims

Features

- 5" LED remodel housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 600 lumens using less than 11W*
- 2700, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine with mounts directly to housing and incorporates the latest generation, high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Remodel springs accommodate up to 1 1⁄8" ceiling thickness
- Pre-wired junction box with (5) 1/2", (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Push-in electrical connectors included
- Trim selection follows IC20LEDG3, IC20LWDG3 and IC920LEDG3 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

Example: **IC20RLEDG3-27K-1**

Catalog No.	Color Temp.	Input Voltage
IC20RLEDG3	**27K** 2700K **3K** 3000K **35K** 3500K **41K** 4100K	**1** Dedicated 120V Only (Forward Phase and ELV dimming) **U** Universal Voltage, 120-277V (0-10V dimming)

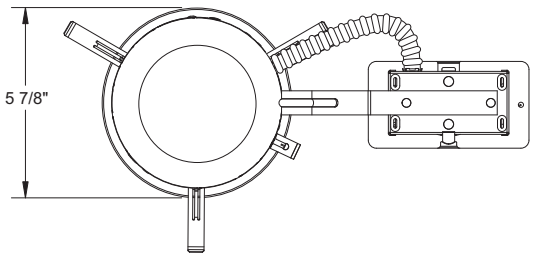
Accessories

Catalog No.	Description
SMPLT-5	Galvanized steel plate for locating remodel style housings. Screw/nail holes for full coverage between 16" and 24" joists

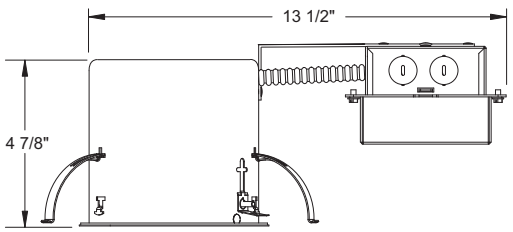
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



5 1/2" Ceiling Cutout



JUNO

Down-Lites | IC20LWDG3

5" WarmDim™ LED Downlight Housing IC Rated

600 Lumen

Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with WarmDim™ technology • LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources • Shallow housing design allows for fit in 2 x 6 construction • No extra gasket required • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 210N, 212N, 2130 and 5101 trims • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select trims • Certified to the high efficiency requirements of California T24-2008 with select trims

Features

- 5" WarmDim LED housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 600 lumens with select trims using 14W
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end of dimming range
- Rated for 50,000 hours at 70% lumen maintenance
- Replaceable light engine attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic provided as standard
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system permits quick placement of housing anywhere within 24" O.C. joists or suspended ceilings • Includes removable nail for repositioning of fixture in wood joist construction
  - Integral T-bar notch and clip for suspended ceilings
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- UL and cUL listed for through-branch wiring, maximum (8) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC20LEDG3, IC20LWDG3 and IC920LEDG3 Series

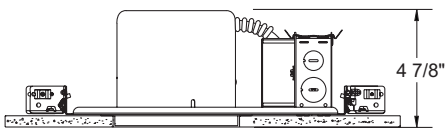
Ordering Information

Catalog No.	Description
IC20LWDG3-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase and ELV dimming) Input Voltage

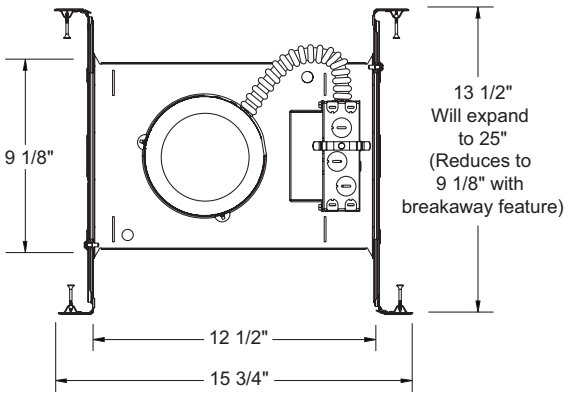
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)

Dimensions



5 5/8" Ceiling Cutout



Down-Lites | IC20RLWDG3

5" WarmDim™ LED Downlight Remodel Housing IC Rated 600 Lumen

Description

IC rated dedicated LED, Air-Loc® remodel housing with WarmDim™ technology • LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources • For applications where the backside of the ceiling is not accessible • Can be completely covered with insulation • Shallow housing design allows for fit in 2 x 6 construction • When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs • Secured in place by factory installed remodel springs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL listed for damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 210N, 212N, 2130 and 5101 trims • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select trims • Certified to the high efficiency requirements of California T24-2008 with select trims

Features

- 5" WarmDim LED remodel housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 600 lumens with select trims using 14W
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end of dimming range
- Rated for 50,000 hours at 70% lumen maintenance
- Replaceable light engine attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic provided as standard
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Pre-wired junction box with (5) 1/2" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Knockouts equipped with pryout slots
- Push-in electrical connectors included
- Trim selection follows IC20LEDG3, IC20LWDG3 and IC920LEDG3 Series

Ordering Information

Catalog No.	Description
IC20RLWDG3-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase + ELV dimmable) Input Voltage

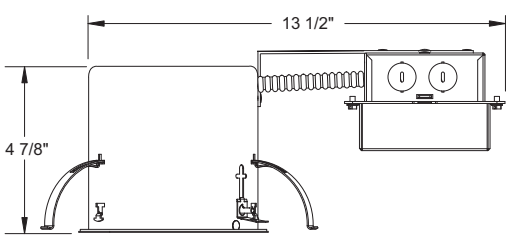
Accessories

Catalog No.	Description
SMPLT-5	Galvanized steel plate for locating remodel style housings. Screw/nail holes for full coverage between 16" and 24" joists

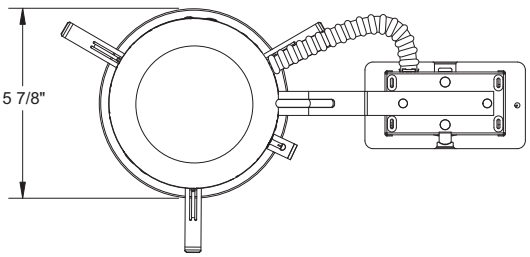
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)

Dimensions



5 1/2" Ceiling Cutout



Down-Lites | IC920LEDG3

5" LED Downlight Housing IC Rated

900 Lumen

Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with integral light engine • No extra gasket required • Shallow housing allows for fit in 2 x 6 construction • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 210N, 212N, 2130 and 5101 trims • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select trims • Certified to the high efficiency requirements of California T24-2008 with select trims

Features

- 5" LED housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 900 lumens using less than 15W*
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing and incorporates the latest generation high lumen output LED array
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90°
  - Curved foot facilitates alignment with joist bottom
  - Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) ½" and (1) ¾" knockouts and ground wire
- UL and cUL listed for through-branch wiring, maximum (8) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC20LEDG3, IC20LWDG3 and IC920LEDG3 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

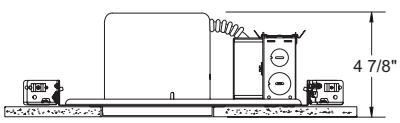
Example: **IC920LEDG3-35K-1**

Catalog No.	Color Temp.	Input Voltage
IC920LEDG3	**27K** 2700K	**1** Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	
	35K 3500K	
	41K 4100K	**U** Universal Voltage, 120-277V (0-10V dimming)

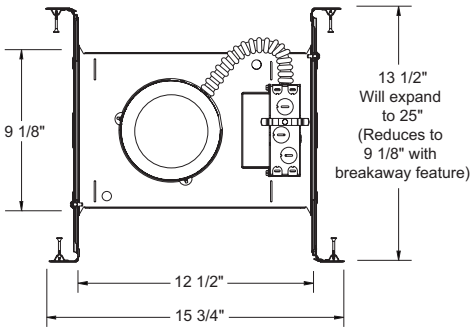
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



5 5/8" Ceiling Cutout



Down-Lites | IC920RLEDG3

5" LED Downlight Remodel Housing IC Rated

900 Lumen

Description

IC rated dedicated LED, Air-Loc® sealed remodel housing with integral light engine for applications where the back side of the ceiling is not accessible • Shallow housing design allows for fit in 2 x 6 construction • Secured in place by factory installed remodel springs • Can be completely covered with insulation • When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL listed for damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 210N, 212N, 2130 and 5101 trims • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select trims • Certified to the high efficiency requirements of California T24-2008 with select trims

Features

- 5" LED remodel housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 900 lumens using less than 15W*
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine with mounts directly to housing and incorporates the latest generation, high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Remodel springs accommodate up to 1 1⁄8" ceiling thickness
- Pre-wired junction box with (5) 1/2", (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Push-in electrical connectors included
- Trim selection follows IC20LEDG3, IC20LWDG3 and IC920LEDG3 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

Example: **IC920RLEDG3-27K-1**

Catalog No.	Color Temp.	Input Voltage
IC920RLEDG3	**27K** 2700K **3K** 3000K **35K** 3500K **41K** 4100K	**1** Dedicated 120V Only (Forward Phase and ELV dimming) **U** Universal Voltage, 120-277V (0-10V dimming)

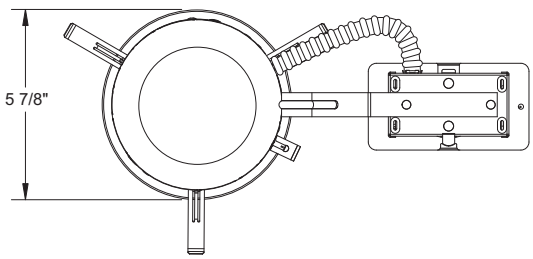
Accessories

Catalog No.	Description
SMPLT-5	Galvanized steel plate for locating remodel style housings. Screw/nail holes for full coverage between 16" and 24" joists

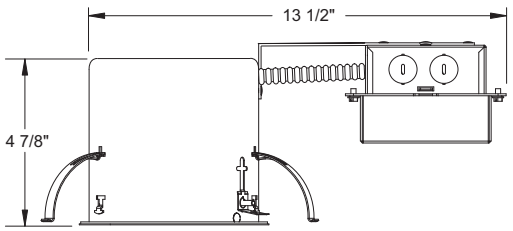
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



5 1/2" Ceiling Cutout



Down-Lites | Trims for IC20LEDG3, IC20RLEDG3, IC20LWDG3, IC20RLWDG3, IC920LEDG3 & IC920RLEDG3

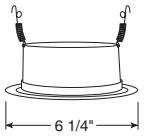
Downlights

Downlight Cone

Catalog #	Description
204C-WH	Clear Alzak®, White Trim
204G-WH	Gold Alzak®, White Trim
204B-WH	Black Alzak®, White Trim
204PT-SC	Pewter Alzak®, Satin Chrome Trim
204W-WH	Gloss White, White Trim
204HZ-WH	Haze, White Trim
204WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
204WHZ-WH	Wheat Haze, White Trim

Compatible with TR5, 5" trim ring

Aperture
4 3/8"

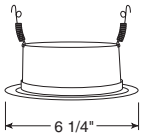


Downlight Baffle

Catalog #	Description
205W-WH	White Baffle, White Trim
205B-WH	Black Baffle, White Trim
205B-ABZ	Black Baffle, Classic Aged Bronze Trim
205B-SC	Black Baffle, Satin Chrome Trim

Compatible with TR5, 5" trim ring

Aperture
4 3/8"

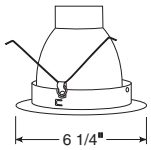


Lensed

Flat Glass Shower Trim*

Catalog #	Description
210N-ABZ	Classic Aged Bronze Trim
210N-SC	Satin Chrome Trim
210N-WH	White Trim

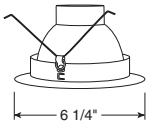
* Do not use reflector shipped with trim for LED housing Recycle reflector.



Frosted Lens with Clear Center*

Catalog #	Description
212N-ABZ	Perimeter Frosted Lens, Classic Aged Bronze Trim
212N-SC	Perimeter Frosted Lens, Satin Chrome Trim
212N-WH	Perimeter Frosted Lens, White Trim

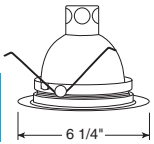
* Do not use reflector shipped with trim for LED housing Recycle reflector.



Baffle, Regressed Frosted Dome Lens*

Catalog #	Description
2130W-WH	White Baffle, White Trim
2130B-WH	Black Baffle, White Trim

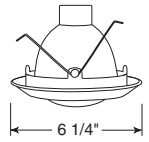
* Do not use reflector shipped with trim for LED housing Recycle reflector.



Beveled Frame, Frosted Dome Lens*

Catalog #	Description
5101-ABZ	Classic Aged Bronze Trim
5101-SC	Satin Chrome Trim
5101-WH	White Trim

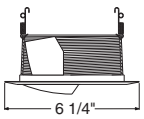
* Do not use reflector shipped with trim for LED housing Recycle reflector.



Wall Wash

Scoop

Catalog #	Description
213G3W-WH	White Baffle, White Trim
213G3B-WH	Black Baffle, White Trim



ENERGY STAR® Qualified

Certified to the high efficiency requirements of California T24-2008

Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

UL listed for use in wet location.

ENERGY STAR® qualification and T24 certification is dependant on trim finish and LED color temperature. See housing spec sheet on **www.junolightinggroup.com** for specific information for each trim.

Description

IC rated Air-Loc®, energy efficient vertical CFL housing with single wall construction • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with 210N, 2130 and 5101 trims

Features

- 5" Compact fluorescent housing
- California Title 24 compliant
- 120V HPF or NPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast enclosed in an aluminum heat dissipating box which prevents direct contact with insulation. Ballast mounted between junction box and housing for ease of maintenance
- Removable or fixed mounted socket accommodates a variety of trim installations
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- 2 year warranty
- One 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

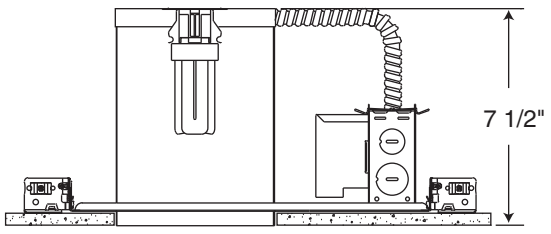
Ordering Information

Catalog No.	Description
ICPL526E	120V HPF ballast
ICPL526EN	120V NPF ballast
ICPL526E-DB120	ICPL526E with 120V HPF dimmable ballast – T24 compliant
ICPL526EN-DB120	ICPL526E with 120V normal power factor (NPF) dimmable ballast – T24 compliant

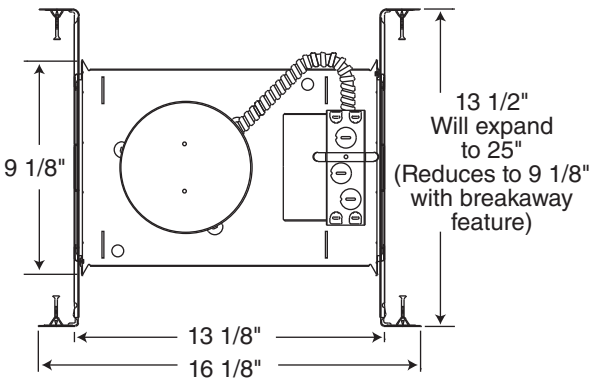
Ordering Information

Catalog No.	Description
ALG5	Air-Loc® Energy Conserving Gasket for 5" Air-Loc IC housings

Dimensions



5 5/8" Ceiling Cutout



Description

IC rated Air-Loc®, energy efficient vertical CFL remodel housing for remodel applications where back side of ceiling is not accessible • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL Listed/CSA certified for damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with 210N, 2130 and 5101 trims

Features

- 5" Compact fluorescent remodel housing
- California Title 24 compliant
- 120V HPF or NPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast mounted to underside of junction box to minimize contact with insulation
- Removable or fixed mounted socket accommodates a variety of trim installations
- Remodel springs accommodate up to 1 1/8" ceiling thickness
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- 2 year warranty
- One 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

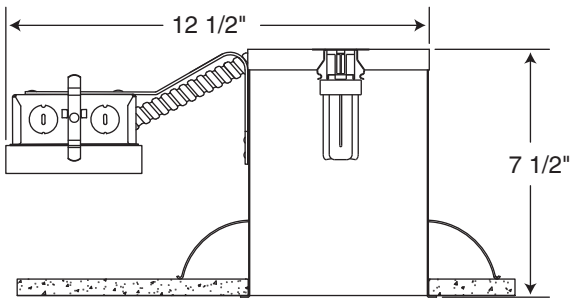
Ordering Information

Catalog No.	Description
ICPL526RE	120V HPF ballast
ICPL526REN	120V NPF ballast
ICPL526REN-DB120	ICPL526RE with 120V normal power factor (NPF) dimmable ballast – T24 compliant

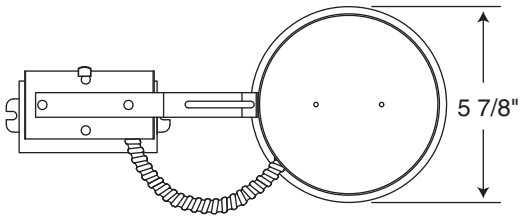
Ordering Information

Catalog No.	Description
ALG5R	Air-Loc® Energy Conserving Gasket Kit for 5" Air-Loc IC remodel housings
SMPLT-5	Galvanized steel plate for locating remodel style housings. Screw/nail holes for full coverage between 16" and 24" joists

Dimensions



5 1/2" Ceiling Cutout



Down-Lites | PL526EU

5" 26W Triple Vertical CFL Housing Non-IC Rated

Description

Non-IC rated vertical CFL housing with single wall construction • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with 210N, 2130 and 5101 trims

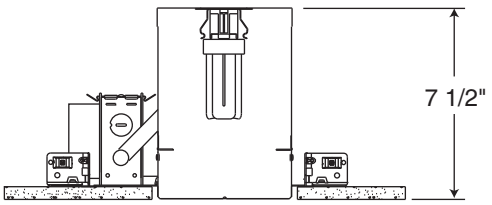
Features

- 5" Compact fluorescent housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Ballast mounted on junction box cover
- Removable or fixed mounted socket accommodates a variety of trim installations
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- One 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

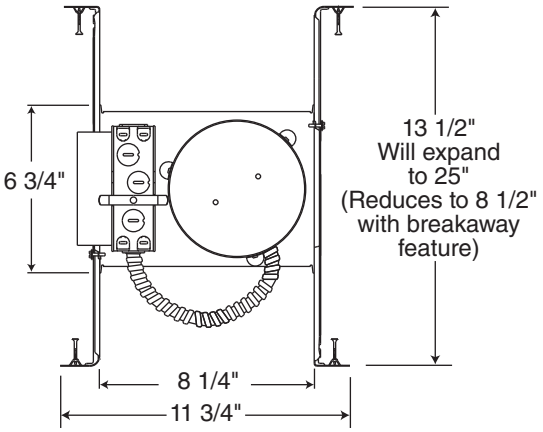
Ordering Information

Catalog No.	Description
PL526EU	120V - 277V HPF ballast

Dimensions



5 5/8" Ceiling Cutout



Down-Lites | PL526RE

5" 26W Triple Vertical CFL Remodel Housing Non-IC Rated

Description

Non-IC rated vertical CFL remodel housing for remodel applications where back side of ceiling is not accessible

• Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with 210N, 2130 and 5101 trims

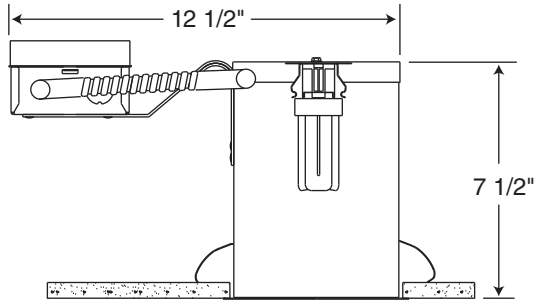
Features

- 5" Compact fluorescent remodel housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Removable or fixed mounted socket accommodates a variety of trim installations
- Remodel clips accommodate up to a 1 1/8" ceiling thickness
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG conductors (2 in, 2 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- One 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

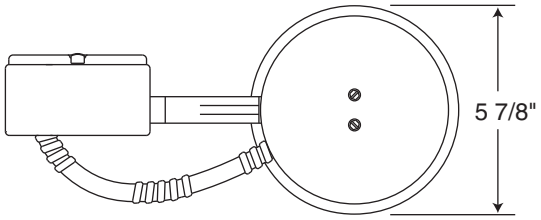
Ordering Information

Catalog No.	Description
PL526RE	120V - 277V HPF ballast

Dimensions



5 1/2" Ceiling Cutout



Description

IC rated Air-Loc®, energy efficient vertical CFL housing with single wall construction • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing the heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with 210N, 2130 and 5101 trims

Features

- 5" Compact fluorescent housing
- California Title 24 compliant
- 120V HPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast enclosed in an aluminum heat dissipating box which prevents direct contact with insulation. Ballast mounted between junction box and housing for ease of maintenance
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- 2 year warranty
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

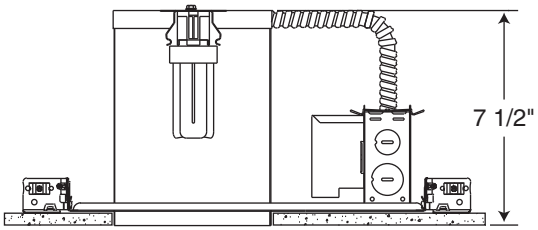
Ordering Information

Catalog No.	Description
ICPL518E	120V HPF ballast

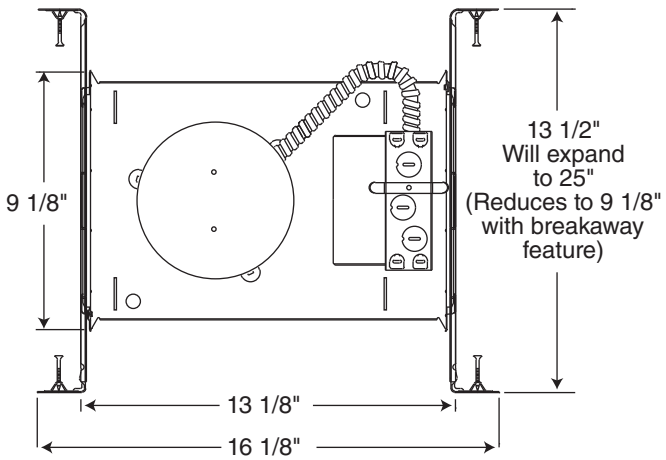
Ordering Information

Catalog No.	Description
ALG5	Air-Loc® Energy Conserving Gasket for 5" Air-Loc IC housings

Dimensions



5 5/8" Ceiling Cutout



Description

IC rated Air-Loc®, energy efficient vertical CFL remodel housing for remodel applications where back side of ceiling is not accessible • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with 210N, 2130 and 5101 trims

Features

- 5" Compact fluorescent remodel housing
- California Title 24 compliant
- 120V HPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast mounted to underside of junction box to minimize contact with insulation
- Removable or fixed mounted socket accommodates a variety of trim installations
- Remodel springs accommodate up to 1 1/8" ceiling thickness
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG conductors (2 in, 2 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- 2 year warranty
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

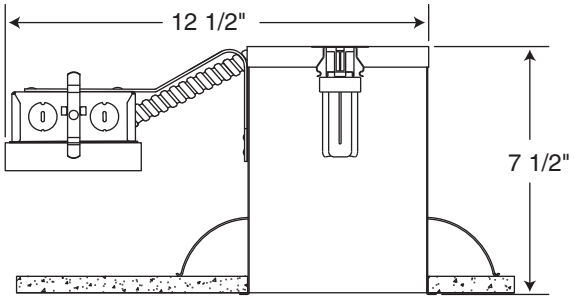
Ordering Information

Catalog No.	Description
ICPL518RE	120V HPF ballast

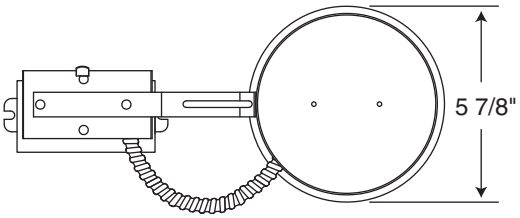
Ordering Information

Catalog No.	Description
ALG5R	Air-Loc® Energy Conserving Gasket Kit for 5" Air-Loc IC remodel housings
SMPLT-5	Galvanized steel plate for locating remodel style housings. Screw/nail holes for full coverage between 16" and 24" joists

Dimensions



5 1/2" Ceiling Cutout



Down-Lites | PL518EU

5" 18W Triple Vertical CFL Housing Non-IC Rated

Description

Non-IC rated vertical CFL housing with single wall construction • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with 210N, 2130 and 5101 trims

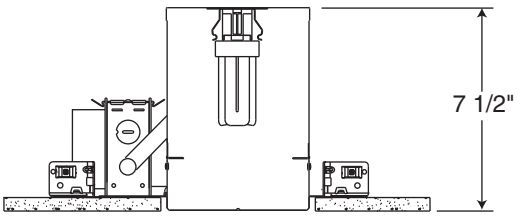
Features

- 5" Compact fluorescent housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Ballast mounted on junction box cover
- Removable or fixed mounted socket accommodates a variety of trim installations
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

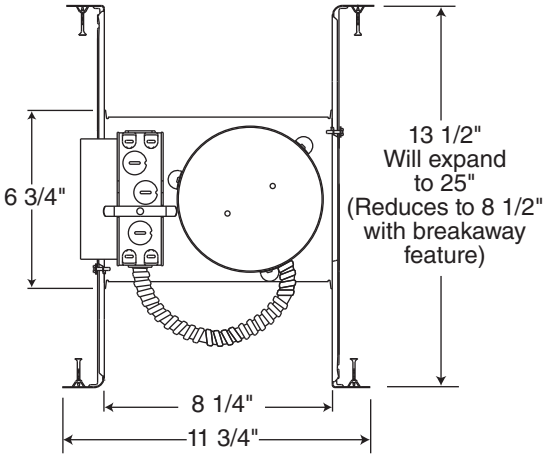
Ordering Information

Catalog No.	Description
PL518EU	120V - 277V HPF ballast

Dimensions



5 5/8" Ceiling Cutout



Down-Lites | PL518RE

5" 18W Triple Vertical CFL Remodel Housing Non-IC Rated

Description

Non-IC rated vertical CFL remodel housing for remodel applications where back side of ceiling is not accessible
• Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with 210N, 2130 and 5101 trims

Features

- 5" Compact fluorescent remodel housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Removable or fixed mounted socket accommodates a variety of trim installations
- Remodel clips accommodate up to a 1 1/8" ceiling thickness
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG conductors (2 in, 2 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

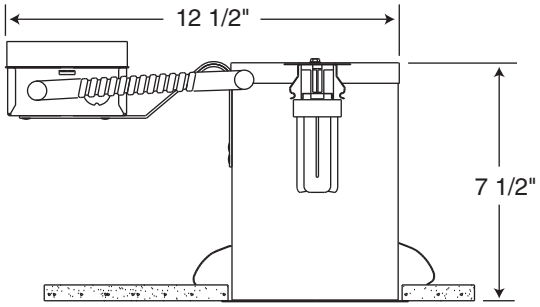
Ordering Information

Catalog No.	Description
PL518RE	120V - 277V HPF ballast

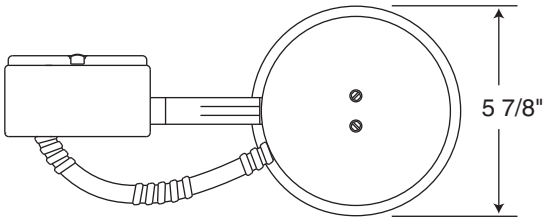
Ordering Information

Catalog No.	Description
SMPLT-5	Galvanized steel plate for locating remodel style housings. Screw/nail holes for full coverage between 16" and 24" joists

Dimensions



5 1/2" Ceiling Cutout



Description

IC rated Air-Loc®, energy efficient vertical CFL housing with single wall construction • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with 210N, 2130 and 5101 trims

Features

- 5" Compact fluorescent housing
- 120V HPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast enclosed in an aluminum heat dissipating box which prevents direct contact with insulation. Ballast mounted between junction box and housing for ease of maintenance
- Removable socket for a variety of trim installations
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented break-away bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- 2 year warranty
- One 13W quad or triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

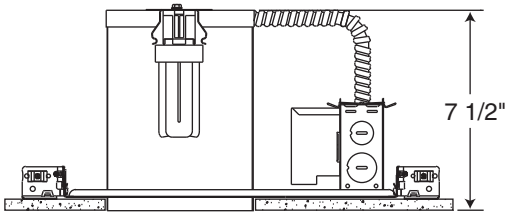
Ordering Information

Catalog No.	Description
ICPL513E	120V HPF ballast

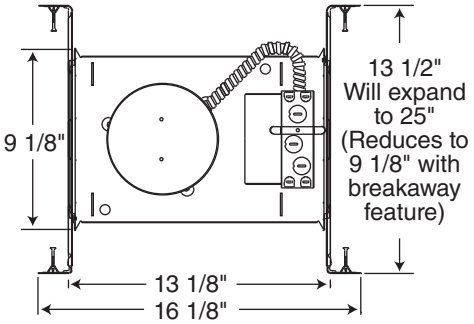
Ordering Information

Catalog No.	Description
ALG5	Air-Loc® Energy Conserving Gasket for 5" Air-Loc IC housings

Dimensions



5 5/8" Ceiling Cutout



Description

IC rated Air-Loc®, energy efficient vertical CFL remodel housing for remodel applications where back side of ceiling is not accessible • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC, MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with 210N, 2130 and 5101 trims

Features

- 5" Compact fluorescent remodel housing
- California Title 24 compliant
- 120V HPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast mounted to underside of junction box to minimize contact with insulation
- Removable or fixed mounted socket accommodates a variety of trim installations
- Remodel springs accommodate up to 1 1/8" ceiling thickness
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG conductors (2 in, 2 out)
- Meets the IECC and Washington State energy code requirements when properly installed
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- 2 year warranty
- One 13W quad or triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

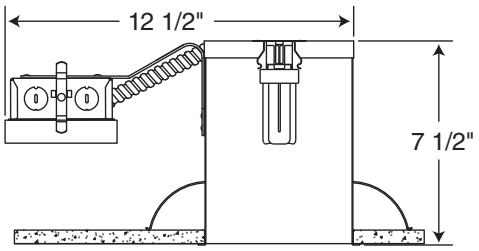
Ordering Information

Catalog No.	Description
ICPL513RE	120V HPF ballast

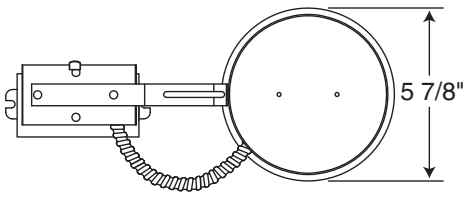
Ordering Information

Catalog No.	Description
ALG5R	Air-Loc® Energy Conserving Gasket Kit for 5" Air-Loc IC remodel housings
SMPLT-5	Galvanized steel plate for locating remodel style housings. Screw/nail holes for full coverage between 16" and 24" joists

Dimensions



5 1/2" Ceiling Cutout



Down-Lites | PL513EU

5" 13W Vertical CFL Housing Non-IC Rated

Description

Non-IC rated vertical CFL housing with single wall construction • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with 210N, 2130 and 5101 trims

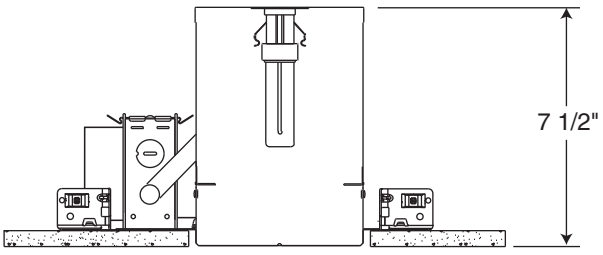
Features

- 5" Compact fluorescent housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection. Ballast mounted on junction box cover
- Removable or fixed mounted socket accommodate a variety of trim installations
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- One 13W quad or triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

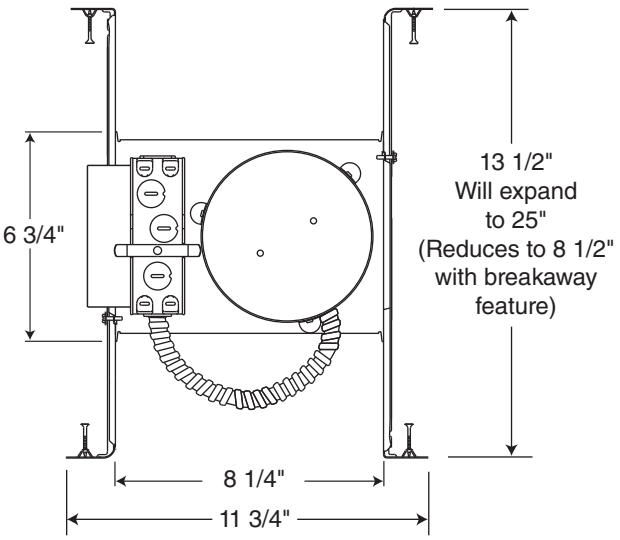
Ordering Information

Catalog No.	Description
PL513EU	120V - 277V HPF ballast

Dimensions



5 5/8" Ceiling Cutout



Down-Lites | PL513RE

5" 13W Vertical CFL Remodel Housing Non-IC Rated

Description

Non-IC rated vertical CFL remodel housing for remodel applications where back side of ceiling is not accessible
• Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with 210N, 2130 and 5101 trims

Features

- 5" Compact fluorescent remodel housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection ballast mounted on junction box cover
- Removable or fixed mounted socket accommodates a variety of trim installations
- Remodel clips accommodate up to a 1 1/8" ceiling thickness
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG conductors (2 in, 2 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- One 13W quad or triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL5 and PL5 Series

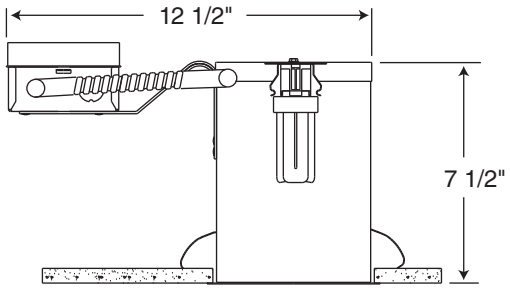
Ordering Information

Catalog No.	Description
PL513RE	120V - 277V HPF ballast

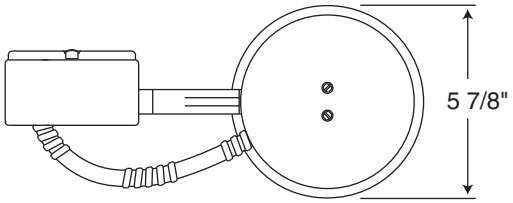
Ordering Information

Catalog No.	Description
SMPLT-5	Galvanized steel plate for locating remodel style housings. Screw/nail holes for full coverage between 16" and 24" joists

Dimensions



5 1/2" Ceiling Cutout



Down-Lites | Trims for ICPL526E Series - ICPL513RE Series & PL526EU - PL513RE Series

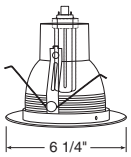
Downlights

Enclosed Baffle

Catalog #	Description
215W-WH	White Baffle, White Trim
215B-WH	Black Baffle, White Trim

Max. Lamp Rating
ICPL/PL526: 26W
ICPL/PL518: 18W
ICPL/PL513: 13W

Aperture
4 3/8″

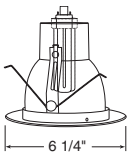


Enclosed Cone

Catalog #	Description
216C-WH	Clear Alzak®, White Trim
216G-WH	Gold Alzak®, White Trim
216HZ-WH	Haze, White Trim
216W-WH	Gloss White, White Trim
216WHZ-WH	Wheat Haze, White Trim

Max. Lamp Rating
ICPL/PL526: 26W
ICPL/PL518: 18W
ICPL/PL513: 13W

Aperture
4 3/8″



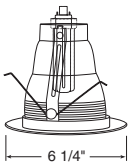
Reflector with Baffle

Catalog #	Description
218W-WH	White Baffle, White Trim
218B-WH	Black Baffle, White Trim

Note: Optimized for use with 26W Triples or 13W Quad tube lamps.

Max. Lamp Rating
ICPL/PL526: 26W
ICPL/PL518: 18W
ICPL/PL513: 13W

Aperture
4 3/8″



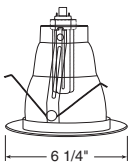
Downlight

Catalog #	Description
219C-WH	Clear Low Iridescent Alzak®, White Trim
219HZ-SC	Haze, Satin Chrome Trim
219HZ-WH	Haze, White Trim
219WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
219WHZ-WH	Wheat Haze, White Trim

Note: Optimized for use with 26W Triples or 13W Quad tube lamps.

Max. Lamp Rating
ICPL/PL526: 26W
ICPL/PL518: 18W
ICPL/PL513: 13W

Aperture
4 3/8″



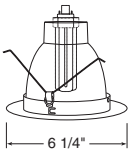
Lensed

Flat Glass Shower Trim

Catalog #	Description
210N-ABZ	Classic Aged Bronze Trim
210N-SC	Satin Chrome Trim
210N-WH	White Trim

Max. Lamp Rating
ICPL/PL526: 26W
ICPL/PL518: 18W
ICPL/PL513: 13W

AIR-LOC Wet Location

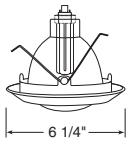


Beveled Frame, Frosted Dome Lens

Catalog #	Description
5101-ABZ	Classic Aged Bronze Trim
5101-SC	Satin Chrome Trim
5101-WH	White Trim

Max. Lamp Rating
ICPL/PL526: 26W
ICPL/PL518: 18W
ICPL/PL513: 13W

AIR-LOC Wet Location

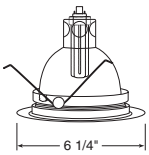


Baffle, Regressed Frosted Dome Lens

Catalog #	Description
2130W-WH	White baffle, White Trim
2130B-WH	Black baffle, White Trim

Max. Lamp Rating
ICPL/PL526: 26W
ICPL/PL518: 18W
ICPL/PL513: 13W

AIR-LOC Wet Location



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location UL listed for use in wet location.

Description

IC rated, energy efficient Air-Loc® sealed housing • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 210N, 211, and 212N trims • The listing also includes the 215 and 216 trims, only when used with PAR30 outdoor rated lamps • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

Features

- 5" Housing
- Drop socket with spring to accommodate various trim installations
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC20 and TC20 Series

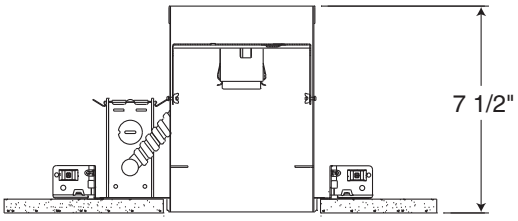
Ordering Information

Catalog No.	Description
IC20	5" Incandescent housing
IC20W	IC20 with push-in electrical connectors for fast, secure installation
IC20S	IC20 with smaller footprint bar hanger (Real Nail® 2)
IC20N	IC20 with no socket plate (use 208, 210N, 215, 216, 529 trims only)
IC20NW	IC20 with push-in electrical connectors and no socket plate (use 208, 210N, 215, 216, 529 trims only)

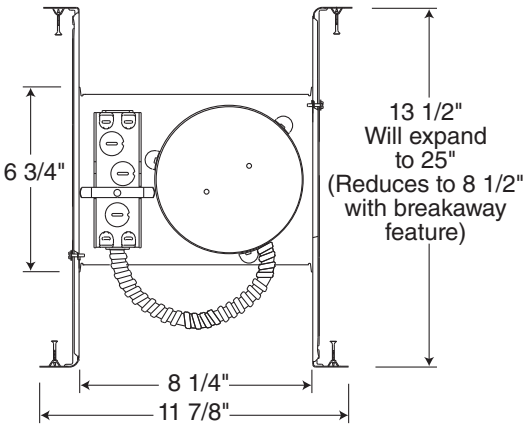
Ordering Information

Catalog No.	Description
ALG5	Air-Loc® Energy Conserving Gasket for 5" Air-Loc IC housings

Dimensions



5 5/8" Ceiling Cutout



Description

IC rated, energy efficient Air-Loc® sealed remodel housing for applications where the back side of the ceiling is not accessible • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 210N, 211, and 212N trims • The listing also includes the 215 and 216 trims, only when used with PAR30 outdoor rated lamps • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

Features

- 5" Remodel housing
- Drop socket with spring to accommodate various trim installations
- Medium base porcelain socket with nickel-plated copper screw shell
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC20 and TC20 Series

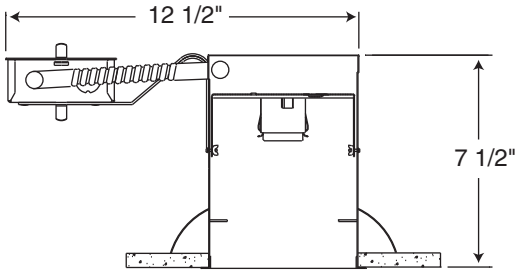
Ordering Information

Catalog No.	Description
IC20R	5" Incandescent remodel housing

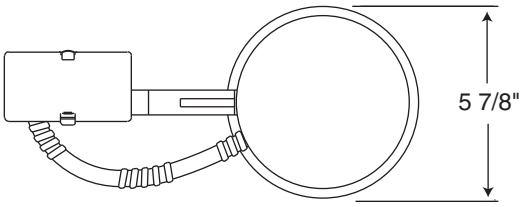
Ordering Information

Catalog No.	Description
ALG5R	Air-Loc® Energy Conserving Gasket Kit for 5" Air-Loc IC remodel housings
SMPLT-5	Galvanized steel plate for locating remodel style housings. Screw/nail holes for full coverage between 16" and 24" joists

Dimensions



5 1/2" Ceiling Cutout



Description

Non-IC rated housing • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 210N, 211, and 212N trims • The listing also includes the 215 and 216 trims, only when used with PAR30 outdoor rated lamps • Conforms with City of Chicago IP requirements

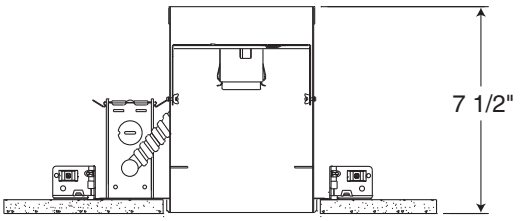
Features

- 5" Housing
- Medium base porcelain socket with nickel-plated copper screw shell
- Drop socket with spring to accommodate various trim installations
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Housing is fully assembled for ease of installation
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps or insulation
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC20 and TC20 Series

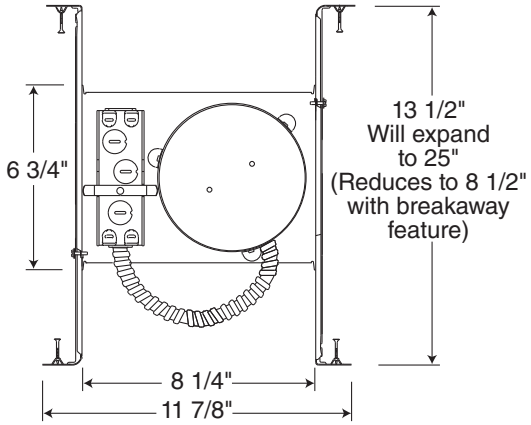
Ordering Information

Catalog No.	Description
TC20	5" TC Incandescent housing
TC20S	TC20 with smaller footprint bar hanger (Real Nail® 2)

Dimensions



5 5/8" Ceiling Cutout



Down-Lites | TC20R

5" Incandescent Remodel Housing Non-IC Rated

Description

Non-IC rated remodel housing for applications where the back side of the ceiling is not accessible • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 210N, 211, and 212N trims • Wet location listed with trims 215 and 216 when used with PAR30 outdoor rated lamps • Conforms with City of Chicago IP requirements

Features

- 5" Remodel housing
- Medium base porcelain socket with nickel-plated copper screw shell
- Drop socket with spring to accommodate various trim installations
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps or insulation
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC20 and TC20 Series

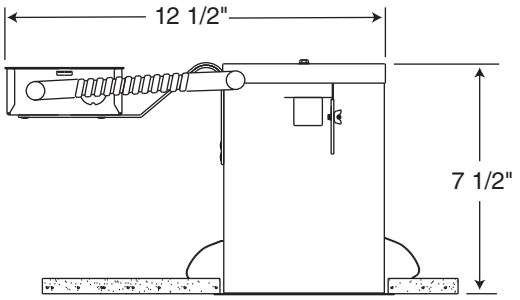
Ordering Information

Catalog No.	Description
TC20R	5" TC Incandescent remodel housing

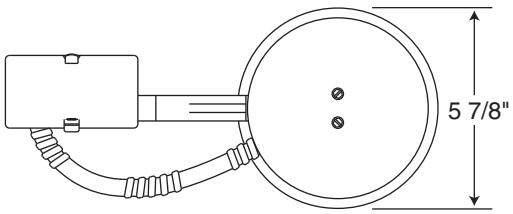
Ordering Information

Catalog No.	Description
SMPLT-5	Galvanized steel plate for locating remodel style housings. Screw/nail holes for full coverage between 16" and 24" joists

Dimensions



5 1/2" Ceiling Cutout

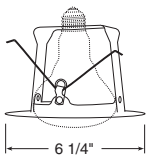


Downlights

Open Frame

Catalog #	Description
201N-WH	White Trim

Max. Lamp Rating
65W BR30
Aperture
4″

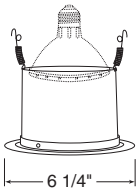


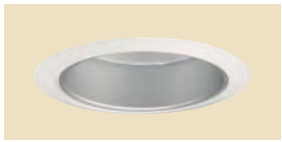
Deep Baffle

Catalog #	Description
203W-WH	White Baffle, White Trim
203B-WH	Black Baffle, White Trim

Compatible with TR5, 5″ trim ring

Max. Lamp Rating
TC20: 75W PAR30, 65W BR30
Note: For use with TC20 and TC20R Housings only.
Aperture
4 1/2″



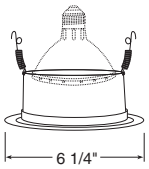


BR30/PAR30 Cone

Catalog #	Description
204B-WH	Black Alzak®, White Trim
204C-WH	Clear Alzak®, White Trim
204G-WH	Gold Alzak®, White Trim
204HZ-WH	Haze, White Trim
204PT-SC	Pewter Alzak®, Satin Chrome Trim
204W-WH	Gloss White, White Trim
204WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
204WHZ-WH	Wheat Haze, White Trim

Compatible with TR5, 5″ trim ring

Max. Lamp Rating
IC20: 50W PAR30
TC20: 75W PAR30L, 75W PAR30, 65W BR30
Aperture
4 3/8″

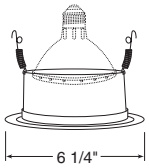


BR30/PAR30 Baffle

Catalog #	Description
205W-WH	White Baffle, White Trim
205B-WH	Black Baffle, White Trim
205B-ABZ	Black Baffle, Classic Aged Bronze Trim
205B-SC	Black Baffle, Satin Chrome Trim

Compatible with TR5, 5″ trim ring

Max. Lamp Rating
IC20: 50W PAR30
TC20: 75W PAR30, 65W BR30
Aperture
4 3/8″

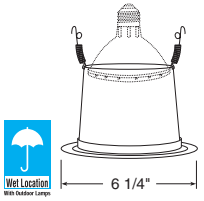


Deep Cone

Catalog #	Description
206B-WH	Black Alzak®, White Trim
206C-WH	Clear Alzak®, White Trim
206G-WH	Gold Alzak®, White Trim
206HZ-WH	Haze, White Trim
206PT-SC	Pewter Alzak®, Satin Chrome Trim
206WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
206WHZ-WH	Wheat Haze, White Trim

Compatible with TR5, 5″ trim ring

Max. Lamp Rating
IC20: 50W PAR30
TC20: 75W PAR30, 65W BR30
Aperture
4 1/2″



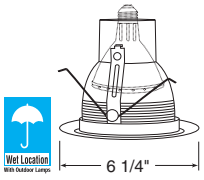
BR30/PAR30 Enclosed Baffle

Catalog #	Description
215W-WH	White Baffle, White Trim
215B-WH	Black Baffle, White Trim

IMPORTANT: Wet location listed only with outdoor rated PAR30 lamp

Max. Lamp Rating
IC20: 65W BR30, 75W PAR30L, 75W PAR30 with Socket Extender
IC20N: 65W BR30
TC20: 85W BR30, 75W PAR30L, 75W PAR30 with Socket Extender, 60W A19
Aperture
4 3/8″

AIR-LOC



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location With Outdoor Lamps UL listed for use in wet location.

Downlights (cont.)

BR30/PAR30 Enclosed Cone

Catalog #	Description
216C-WH	Clear Alzak®, White Trim
216G-WH	Gold Alzak®, White Trim
216HZ-WH	Haze Alzak®, White Trim
216W-WH	Gloss White, White Trim
216WHZ-WH	Wheat Haze, White Trim

IMPORTANT: Wet location listed only with outdoor rated PAR30 lamp

Max. Lamp Rating

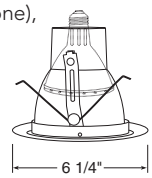
IC20: 75W PAR30L, 75W PAR30 with Socket Extender, 65W BR30
IC20N, IC20NW: 65W BR30
TC20: 85W BR30, 75W PAR30L, 75W PAR30 with Socket Extender, 60W A19 (Clear and Gold Cone), 40W A19 (White Cone)

Aperture

4 3/8″

AIR-LOC

Wet Location With Outdoor Lamps



PAR/R20 Cone

Catalog #	Description
207B-WH	Black Alzak®, White Trim
207C-WH	Clear Alzak®, White Trim
207G-WH	Gold Alzak®, White Trim
207HZ-WH	Haze Alzak®, White Trim
207W-WH	Gloss White, White Trim
207WHZ-WH	Wheat Haze, White Trim

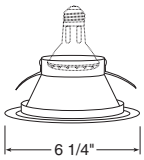
Compatible with TR5, 5″ trim ring

Max. Lamp Rating

50W PAR20/R20

Aperture

4 5/8″



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location With Outdoor Lamps UL listed for use in wet location.

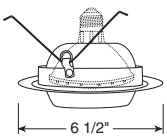
Down-Lites | Trims for IC20 Series, IC20R, TC20 Series & TC20R IC20N and IC20NW for use with 208N, 210N & 529 trims only

Adjustables

PAR30 Eyeball

Catalog #	Description
529-ABZ	Classic Aged Bronze Trim
529-SC	Satin Chrome Trim
529-WH	White Trim

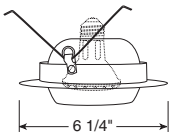
Max. Lamp Rating
75W PAR30
Adjustment:
30° vertical adjustment, 358° rotation



Eyeball with Baffle

Catalog #	Description
208NW-WH	White Baffle, White Trim
208NB-WH	Black Baffle, White Trim

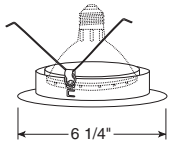
Max. Lamp Rating
50W PAR20/R20
Adjustment
35° vertical adjustment, 358° rotation



Gimbal Ring with Flat Trim

Catalog #	Description
209N-WH	White Trim

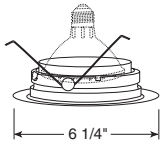
Max. Lamp Rating
75W PAR30
Adjustment
30° vertical adjustment, 358° rotation



Gimbal Ring in Baffle

Catalog #	Description
688W-WH	White Baffle, White Trim
688B-WH	Black Baffle, White Trim

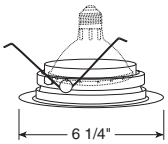
Max. Lamp Rating
IC20: 50W PAR30
TC20: 75W PAR30
Adjustment
30° vertical adjustment, 358° rotation



Gimbal Ring in Cone

Catalog #	Description
689C-WH	Clear Alzak®, White Trim
689G-WH	Gold Alzak®, White Trim
689HZ-WH	Haze Alzak®, White Trim
689WHZ-WH	Wheat Haze, White Trim
689WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim

Max. Lamp Rating
IC20: 50W PAR30
TC20: 75W PAR30
Adjustment
30° vertical adjustment, 358° rotation



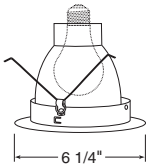
Lensed

Flat Glass Shower Trim

Catalog #	Description
210N-ABZ	Classic Aged Bronze Trim
210N-SC	Satin Chrome Trim
210N-WH	White Trim

Max. Lamp Rating
IC20: 40W A19
IC20N, IC20NW: 35W PAR30L
TC20: 90W A19

AIR-LOC Wet Location

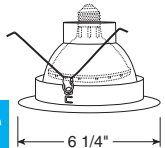


Frosted Lens with Clear Center

Catalog #	Description
212N-ABZ	Perimeter Frosted Lens, Classic Aged Bronze Trim
212N-SC	Perimeter Frosted Lens, Satin Chrome Trim
212N-WH	Perimeter Frosted Lens, White Trim

Max. Lamp Rating
IC20: 40W A15, 50W PAR30
TC20: 60W A15, 75W PAR30

AIR-LOC Wet Location

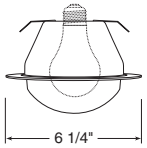


Dome Shower Trim

Catalog #	Description
211-PW	Shower Light, Plastic White (Polycarbonate Material Shower Trim)

Max. Lamp Rating
40W A19

AIR-LOC Wet Location



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location UL listed for use in wet location.

Description

IC rated, energy efficient Air-Loc® sealed shallow housing is ideal solution where vertical installation space is limited
• Can be completely covered with insulation
• Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL and C-UL listed for through-branch wiring, damp and wet locations • Wet location listed with the 212N trim
• The listing also includes the 275 and 276 trims, only when used with outdoor rated PAR lamps • Washington State IECC and MEC energy codes as tested per ASTM-E283
• Conforms with City of Chicago IP requirements

Features

- 5" Shallow universal IC housing
- 5 3/4" height for use in 2 x 6 construction
- Floating socket with spring for quick trim attachment and consistent lamp positioning
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL/C-UL Listed for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC25 Series

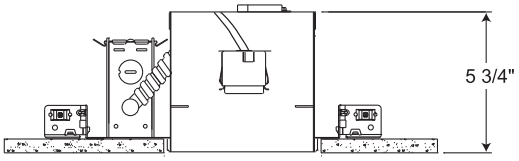
Ordering Information

Catalog No.	Description
IC25	5" Shallow incandescent housing
IC25W	IC25 with push-in electrical connectors for fast, secure installation
IC25S	IC25 with smaller footprint bar hanger (Real Nail® 2)

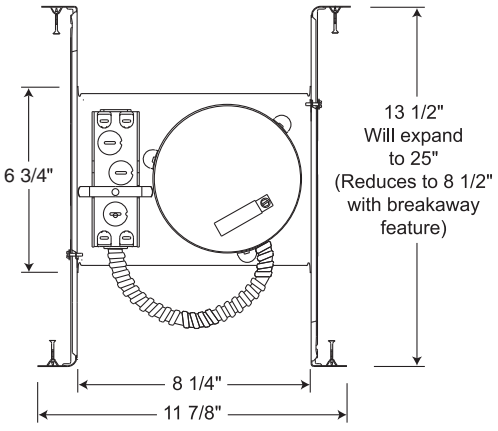
Ordering Information

Catalog No.	Description
ALG5	Air-Loc® Energy Conserving Gasket for 5" Air-Loc IC housings

Dimensions



5 5/8" Ceiling Cutout



Description

IC rated, energy efficient Air-Loc® sealed remodel shallow housing for applications where the back side of the ceiling is not accessible • Ideal solution for where vertical installation space is limited • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL and C-UL listed for through-branch wiring, damp and wet locations • Wet location listed with 212N trim • The listing also includes the 275 and 276 trims, only when used with outdoor rated PAR lamps • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

Features

- 5" Shallow universal IC remodel housing
- 5 3/4" height for use in 2 x 6 construction
- Floating socket with spring for quick trim attachment and consistent lamp positioning
- Medium base porcelain socket with nickel-plated copper screw shell
- Remodel springs accommodate up to a 1 1/8" ceiling thickness
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL/C-UL Listed for through-branch wiring, maximum (4) #12 AWG branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC25 Series

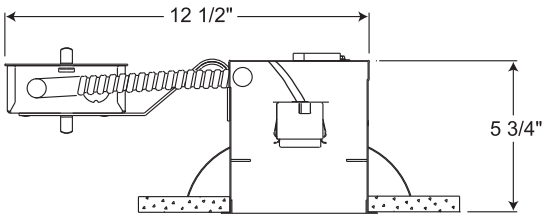
Ordering Information

Catalog No.	Description
IC25R	5" Shallow incandescent remodel housing

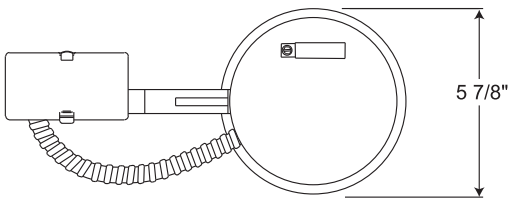
Ordering Information

Catalog No.	Description
ALG5R	Air-Loc® Energy Conserving Gasket Kit for 5" Air-Loc IC remodel housings
SMPLT-5	Galvanized steel plate for locating remodel style housings. Screw/nail holes for full coverage between 16" and 24" joists

Dimensions



5 1/2" Ceiling Cutout



Downlights

Shallow Baffle

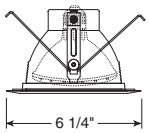
Catalog #	Description
275B-WH	Black Trim
275W-WH	White Trim

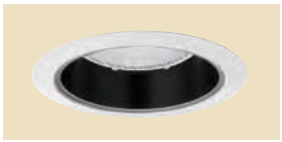
*Wet location listed only with outdoor rated PAR lamps

Max. Lamp Rating
50W BR30, 50W PAR30*
50W PAR30L*

AIR-LOC

Wet Location With Outdoor Lamps





Shallow Cone

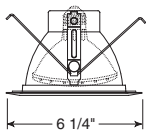
Catalog #	Description
276B-WH	Black Alzak® Trim
276W-WH	Gloss White Trim
276C-WH	Clear Alzak® Trim
276HZ-WH	Haze Trim
276WHZ-WH	Wheat Haze Trim

*Wet location listed only with outdoor rated PAR lamps

Max. Lamp Rating
50W BR30, 50W PAR30*
50W PAR30L*

AIR-LOC

Wet Location With Outdoor Lamps

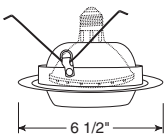


Adjustables

PAR30 Eyeball

Catalog #	Description
529-ABZ	Classic Aged Bronze Trim
529-SC	Satin Chrome Trim
529-WH	White Trim

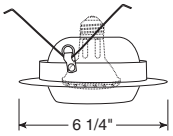
Max. Lamp Rating
50W PAR30
Adjustment:
30° vertical adjustment,
358° rotation



Eyeball with Baffle

Catalog #	Description
208NW-WH	White Baffle, White Trim
208NB-WH	Black Baffle, White Trim

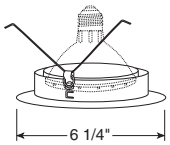
Max. Lamp Rating
50W PAR20/R20
Adjustment
35° vertical adjustment,
358° rotation



Gimbal Ring with Flat Trim

Catalog #	Description
209N-WH	White Trim

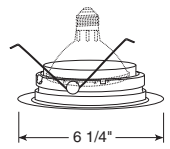
Max. Lamp Rating
35W PAR30
Adjustment
30° vertical adjustment,
358° rotation



Gimbal Ring in Baffle

Catalog #	Description
688W-WH	White Baffle, White Trim
688B-WH	Black Baffle, White Trim

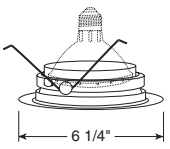
Max. Lamp Rating
35W PAR30
Adjustment
30° vertical adjustment,
358° rotation



Gimbal Ring in Cone

Catalog #	Description
689C-WH	Clear Alzak®, White Trim
689G-WH	Gold Alzak®, White Trim

Max. Lamp Rating
35W PAR30
Adjustment
30° vertical adjustment,
358° rotation



Lensed

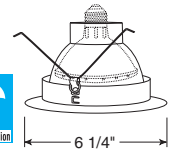
Frosted Lens with
Clear Center

Catalog #	Description
212N-ABZ	Perimeter Frosted Lens, Classic Aged Bronze Trim
212N-SC	Perimeter Frosted Lens, Satin Chrome Trim
212N-WH	Perimeter Frosted Lens, White Trim

Max. Lamp Rating
35W PAR30

AIR-LOC

Wet Location



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location UL listed for use in wet location.

JUNO

Down-Lites | IC22LEDG3

6" LED Downlight Housing IC Rated

600 Lumen

Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with integral light engine • Shallow housing design allows for fit in 2 x 6 construction • No extra gasket required • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 20, 21, 22, 239, 242, 243, 2330 and 6101 trims • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select trims • Certified to the high efficiency requirements of California T24-2008 with select trims

Features

- 6" LED housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 600 lumens using less than 11W*
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing and incorporates the latest generation, high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral mounting feature secures housing in suspended ceilings
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- UL and cUL listed for through-branch wiring, maximum (8) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC22LEDG3, IC22LWDG3 and IC922LEDG3 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

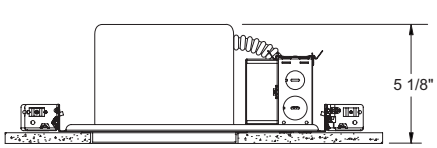
Example: **IC22LEDG3-27K-1**

Catalog No.	Color Temp.	Input Voltage
IC22LEDG3	**27K** 2700K	**1** Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	
	35K 3500K	
	41K 4100K	**U** Universal Voltage, 120-277V (0-10V dimming)

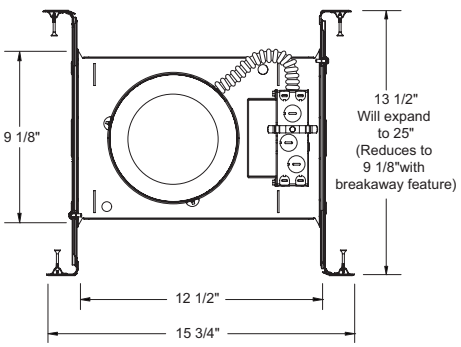
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



6 7/8" Ceiling Cutout



Down-Lites | IC22RLEDG3

6" LED Downlight Remodel Housing IC Rated

600 Lumen

Description

IC rated dedicated LED, Air-Loc® sealed remodel housing with integral light engine for applications where the back side of the ceiling is not accessible • Shallow housing design allows for fit in 2 x 6 construction • Secured in place by factory installed remodel springs • Can be completely covered with insulation • When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL listed for damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 20, 21, 22, 239, 242, 243, 2330 and 6101 trims • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select trims • Certified to the high efficiency requirements of California T24-2008 with select trims

Features

- 6" LED remodel housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 600 lumens using less than 11W*
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine with mounts directly to housing and incorporates the latest generation, high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Remodel springs accommodate up to 1 1⁄8" ceiling thickness
- Pre-wired junction box with (5) 1/2", (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Push-in electrical connectors included
- Trim selection follows IC22LEDG3, IC22LWDG3 and IC922LEDG3 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

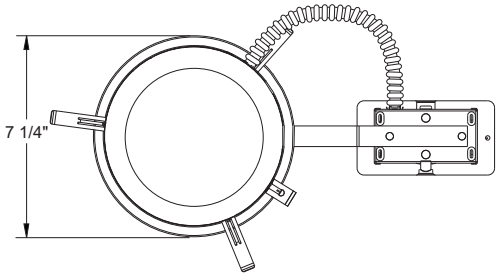
Example: **IC22RLEDG3-27K-1**

Catalog No.	Color Temp.	Input Voltage
IC22RLEDG3	**27K** 2700K **3K** 3000K **35K** 3500K **41K** 4100K	**1** Dedicated 120V Only (Forward Phase and ELV dimming) **U** Universal Voltage, 120-277V (0-10V dimming)

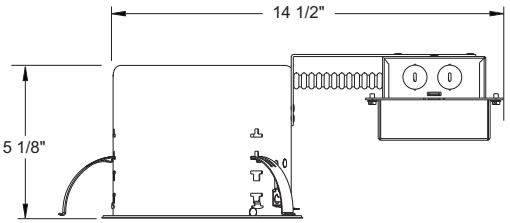
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



6 3/4" Ceiling Cutout



JUNO

Down-Lites | IC22LWDG3

6" WarmDim™ LED Downlight Housing IC Rated

600 Lumen

Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with WarmDim™ technology • LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources • Shallow housing design allows for fit in 2 x 6 construction • No extra gasket required • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 20, 21, 22, 239, 242, 243, 2330 and 6101 trims • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select trims • Certified to the high efficiency requirements of California T24-2008 with select trims

Features

- 6" WarmDim LED housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 600 lumens with select trims using 14W
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end of dimming range
- Rated for 50,000 hours at 70% lumen maintenance
- Replaceable light engine attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic provided as standard
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system permits quick placement of housing anywhere within 24" O.C. joists or suspended ceilings • Includes removable nail for repositioning of fixture in wood joist construction
  - Integral T-bar notch and clip for suspended ceilings
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- UL and cUL listed for through-branch wiring, maximum (8) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC22LEDG3, IC22LWDG3 and IC922LEDG3 Series

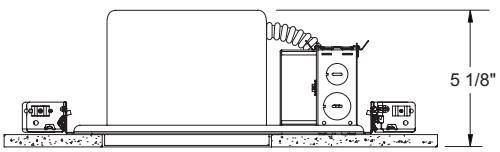
Ordering Information

Catalog No.	Description
IC22LWDG3-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase and ELV dimming) Input Voltage

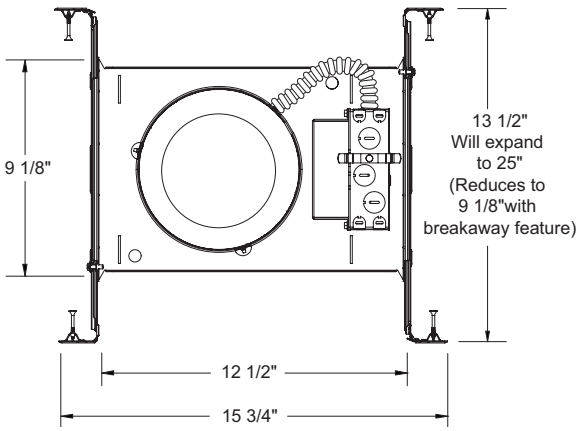
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)

Dimensions



6 7/8" Ceiling Cutout



JUNO

Down-Lites | IC22RLWDG3

6" WarmDim™ LED Downlight Remodel Housing IC Rated 600 Lumen

Description

IC rated dedicated LED, Air-Loc® remodel housing with WarmDim™ technology • LED color temperature warms while dimming to emulate the dimming performance of traditional incandescent light sources • For applications where the backside of the ceiling is not accessible • Can be completely covered with insulation • Shallow housing design allows for fit in 2 x 6 construction • When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs • Secured in place by factory installed remodel springs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL listed for damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 20, 21, 22, 239, 242, 243, 2330 and 6101 trims • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select trims • Certified to the high efficiency requirements of California T24-2008 with select trims

Features

- 6" WarmDim LED remodel housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 600 lumens with select trims using 14W
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- 3000K color temperature at full lumen output and dims to 2000K at low end of dimming range
- Rated for 50,000 hours at 70% lumen maintenance
- Replaceable light engine attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic provided as standard
- Dedicated 120 volt driver dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Remodel springs accommodate up to a 1 7/8" ceiling thickness
- Pre-wired junction box with (5) 1/2" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Knockouts equipped with pryout slots
- Push-in electrical connectors included
- Trim selection follows IC22LEDG3, IC22LWDG3 and IC922LEDG3 Series

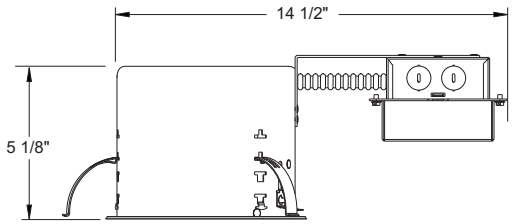
Ordering Information

Catalog No.	Description
IC22RLWDG3-3K-1	3000K Color Temperature, Dedicated 120V Only (Forward Phase and ELV dimming) Input Voltage

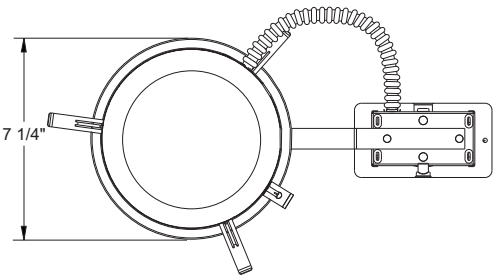
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)

Dimensions



6 3/4" Ceiling Cutout



Down-Lites | IC922LEDG3

6" LED Downlight Housing IC Rated

900 Lumen

Description

IC rated dedicated LED, Air-Loc® sealed new construction housing with integral light engine • No extra gasket required • Shallow housing allows for fit in 2 x 6 construction • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 20, 21, 22, 239, 242, 243, 2330 and 6101 trims • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select trims • Certified to the high efficiency requirements of California T24-2008 with select trims

Features

- 6" LED housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 900 lumens using less than 15W*
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing and incorporates the latest generation high lumen output LED array
- Computer-optimized reflector design with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) ½" and (1) ¾" knockouts and ground wire
- UL and cUL listed for through-branch wiring, maximum (8) #12 branch circuit conductors
- Push-in electrical connectors included
- Trim selection follows IC22LEDG3, IC22LWDG3 and IC922LEDG3 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

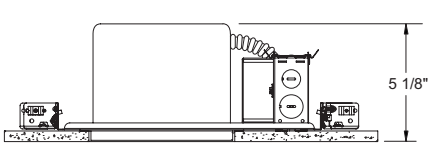
Example: **IC922LEDG3-27K-1**

Catalog No.	Color Temp.	Input Voltage
IC922LEDG3	**27K** 2700K	**1** Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	
	35K 3500K	
	41K 4100K	**U** Universal Voltage, 120-277V (0-10V dimming)

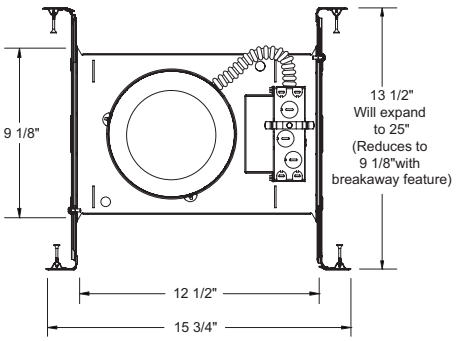
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



6 7/8" Ceiling Cutout



Down-Lites | IC922RLEDG3

6" LED Downlight Remodel Housing IC Rated

900 Lumen

Description

IC rated dedicated LED, Air-Loc® sealed remodel housing with integral light engine for applications where the back side of the ceiling is not accessible • Shallow housing design allows for fit in 2 x 6 construction • Secured in place by factory installed remodel springs • Can be completely covered with insulation • When used with supplied ALG kit, stops infiltration and exfiltration of air, reducing heating and cooling costs • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL listed for damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 20, 21, 22, 239, 242, 243, 2330 and 6101 trims • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select trims • Certified to the high efficiency requirements of California T24-2008 with select trims

Features

- 6" LED remodel housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 900 lumens using less than 15W*
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine with mounts directly to housing and incorporates the latest generation, high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic provided as standard
- Choice of dedicated 120 volt driver or universal voltage driver that accommodates input voltages from 120 to 277 volts AC at 50/60Hz
- Dedicated 120V driver is dimmable with forward and reverse phase dimming, and universal voltage driver with 0-10V dimming
- Remodel springs accommodate up to 1 7/8" ceiling thickness
- Pre-wired junction box with (5) 1/2", (4) knockouts for 12/2 or 14/2 NM cable and ground wire
- Push-in electrical connectors included
- Trim selection follows IC22LEDG3, IC22LWDG3 and IC922LEDG3 Series

*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

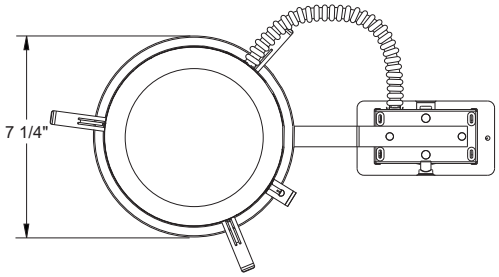
Example: **IC922RLEDG3-27K-1**

Catalog No.	Color Temp.	Input Voltage
IC922RLEDG3	**27K** 2700K	**1** Dedicated 120V Only (Forward Phase and ELV dimming)
	3K 3000K	
	35K 3500K	
	41K 4100K	**U** Universal Voltage, 120-277V (0-10V dimming)

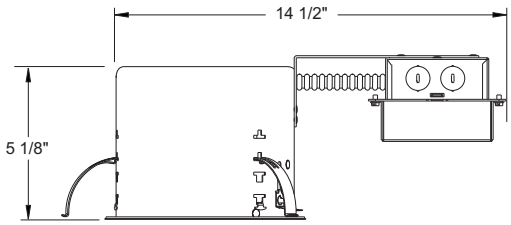
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



6 3/4" Ceiling Cutout



Down-Lites | Trims for IC22LEDG3, IC22RLEDG3, IC22LWDG3, IC22RLWDG3, IC922LEDG3 & IC922RLEDG3

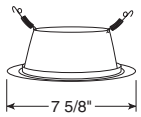
Downlights

Tapered Downlight Baffle

Catalog #	Description
24W-WH	White Baffle, White Trim
24B-WH	Black Baffle, White Trim
24B-BL	Black Baffle, Black Trim
24B-ABZ	Black Baffle, Classic Aged Bronze Trim
24B-SC	Black Baffle, Satin Chrome Trim

Compatible with TR6, 6" trim ring

Aperture
5 3/4"

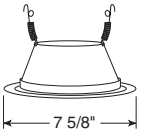


Tapered Downlight Cone

Catalog #	Description
27B-WH	Black Alzak®, White Trim
27C-WH	Clear Alzak®, White Trim
27G-WH	Gold Alzak®, White Trim
27HZ-WH	Haze, White Trim
27PT-SC	Pewter Alzak®, Satin Chrome Trim
27W-WH	Gloss White, White Trim
27WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
27WHZ-WH	Wheat Haze, White Trim

Compatible with TR6, 6" trim ring

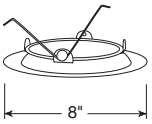
Aperture
5 3/4"



Lensed

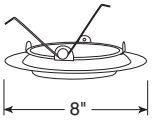
Albalite

Catalog #	Description
20-PW	Shower/Closet Light, Plastic White
20-WH	White Trim



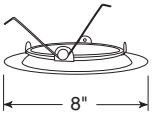
Drop Opal

Catalog #	Description
21-PW	Shower/Closet Light, Plastic White
21-WH	White Trim



Fresnel

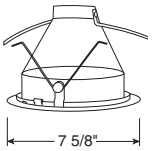
Catalog #	Description
22-WH	White Trim



Frosted Lens*

Catalog #	Description
239-WH	Frosted Lens, White Trim

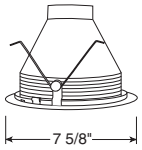
* Do not use reflector shipped with trim for LED housing Recycle reflector.



Baffle, Regressed Frosted Dome Lens*

Catalog #	Description
2330W-WH	White Baffle, White Trim
2330B-WH	Black Baffle, White Trim

* Do not use reflector shipped with trim for LED housing Recycle reflector.



ENERGY STAR® Qualified

Certified to the high efficiency requirements of California T24-2008

Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

UL listed for use in wet location.

ENERGY STAR® qualification and T24 certification is dependant on trim finish and LED color temperature. See housing spec sheet on **www.junolightinggroup.com** for specific information for each trim.

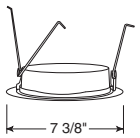
Down-Lites | Trims for IC22LEDG3, IC22RLEDG3, IC22LWDG3, IC22RLWDG3, IC922LEDG3 & IC922RLEDG3

Lensed Cont.

Frosted Lens with Clear Center

Catalog #	Description
242-ABZ	Classic Aged Bronze Trim
242-SC	Satin Chrome Trim
242-WH	White Trim

AIR-LOC Wet Location

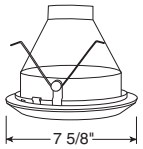


Beveled Frame, Frosted Dome Lens*

Catalog #	Description
6101-ABZ	Classic Aged Bronze Trim
6101-SC	Satin Chrome Trim
6101-WH	White Trim

* Do not use reflector shipped with trim for LED housing Recycle reflector.

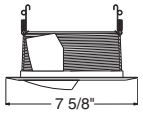
AIR-LOC Wet Location



Wall Wash

Scoop

Catalog #	Description
262G3W-WH	White Baffle, White Trim
262G3B-WH	Black Baffle, White Trim



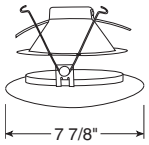
Decorative

Decorative Swirled Etched Opal Glass*

Catalog #	Description
243-WH	Opal Glass

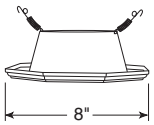
* Do not use reflector shipped with trim for LED housing Recycle reflector.

AIR-LOC Wet Location



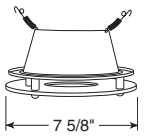
Octagonal

Catalog #	Description	Aperture
9024W-WH	White Octagonal with White Baffle, White Trim	5 3/4"



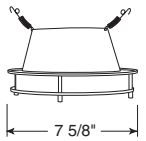
Luminous Disc (Frosted)

Catalog #	Description	Aperture
9324-SC	Satin Chrome Trim	3 1/4"



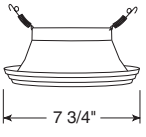
Metal Band

Catalog #	Description	Aperture
9524-SC	Satin Chrome Band, Satin Chrome Trim	5 7/8"



Luminous Collar (Frosted)

Catalog #	Description	Aperture
9702	Clear Etched	6 3/8"



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location UL listed for use in wet location.

JUNO

Down-Lites | J6RLG3

6" IC LED Retrofit Downlight Trim Module

600 and 900 Lumen

Description

All-in-one 6" LED Retrofit downlight trim installs into existing 6" incandescent housings with medium base sockets or Juno IC23-LEDT24 and IC23R-LEDT24 quick connect recessed housings • May be used in housings completely covered with insulation • Selection of interchangeable baffle and cone trim inserts can be changed in the field to customize the look of the product • Dimmable with most standard incandescent or electronic low voltage dimmers • Designed to provide 50,000 hours of life

Listings

• UL and cUL classified • Suitable for wet locations • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select baffle and cone inserts • Certified to the high efficiency requirements of California T24-2008

Features

- Installs into existing 6" incandescent housings with medium base sockets
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 600 lumens using less than 11W* or over 900 lumens using less than 16W*
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- All-in-one design where LED light engine mounts directly to trim
- LED array integrated to one piece high purity aluminum, thermally conductive housing provides uninterrupted heat transfer to ensure long life of the LED
- Computer-optimized reflector design with high reflectance white finish coupled with a high transmission diffusing lens conceals the LEDs
- Dedicated 120 volt driver
- Driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Retrofit module is compatible with most 6" recessed housings measuring at least 5 1/4" high with an inside diameter between 6" and 6 3/4"
- Trim features quick connect plug installed
- Trim ships with a medium base socket adapter whip for installation into 6" incandescent housings with medium base sockets.
- UL and cUL classified for use with 6" incandescent medium based housings and Juno IC23-LEDT24 or IC23R-LEDT24

*Nominal input wattage under stable operating conditions

Ordering Information

Example: **J6RLG3-3K-6-WWH**

Catalog No.	Color Temp.		Lumen Package		Trim	
J6RLG3	27K	2700K	6	600 Lumen	WWH	White Baffle
	3K	3000K	9	900 Lumen	BWH[1]	Black Baffle
	35K	3500K			CLW	Clear Cone
	41K	4100K			WHW	White Cone
					HZW	Haze Cone
					WZW	Wheat Haze Cone

[1] Not ENERGY STAR® rated

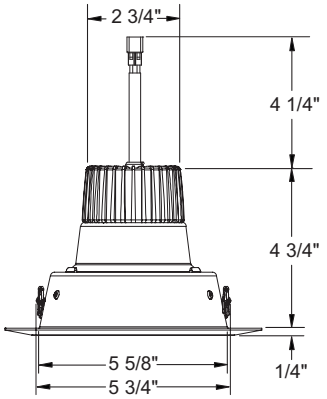
Accessories

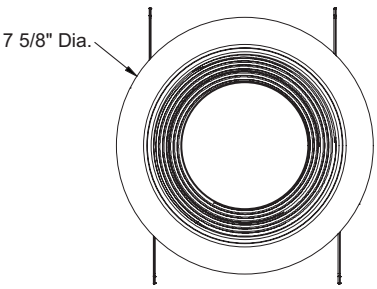
Catalog No.	Description
J6RLTRIM-WWH	White Baffle Trim Insert
J6RLTRIM-BWH	Black Baffle Trim Insert
J6RLTRIM-CLW	Clear Cone Trim Insert
J6RLTRIM-WHW	White Cone Trim Insert
J6RLTRIM-HZW	Haze Cone Trim Insert
J6RLTRIM-WZW	Wheat Haze Cone Trim Insert

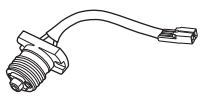
Options

Catalog No.	Description
IC23-LEDT24	Compatible 6" quick connect housing
IC23R-LEDT24	Compatible 6" quick connect remodel housing

Dimensions







Medium-based socket whip adapter included with trim

Down-Lites | J6RLWDG3

6" WarmDim™ LED Retrofit Downlight Trim Module

600 Lumen

Description

All-in-one 6" LED Retrofit downlight trim with WarmDim™ technology installs into existing 6" incandescent housings with medium base sockets or Juno IC23-LEDT24 and IC23R-LEDT24 quick connect recessed housings

• May be used in housings completely covered with insulation • Selection of interchangeable baffle and cone trim inserts can be changed in the field to customize the look of the product • Dimmable with most standard incandescent or electronic low voltage dimmers • Designed to provide 50,000 hours of life

Listings

• UL and cUL classified • Suitable for wet locations
• Union made

Features

- Installs into existing 6" incandescent housings with medium base sockets
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 600 lumens using 14W
- 3000K color temperature at full lumen output and dims to 2000K at low end of dimming range
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- Rated for 50,000 hours at 70% lumen maintenance
- All-in-one design where LED light engine mounts directly to trim
- LED array integrated to one piece high purity aluminum, thermally conductive housing provides uninterrupted heat transfer to ensure long life of the LED
- Computer-optimized reflector design with high reflectance white finish coupled with a high transmission diffusing lens conceals the LEDs
- Dedicated 120 volt driver
- Driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Retrofit module is compatible with most 6" recessed housings measuring at least 5 1/4" high with an inside diameter between 6" and 6 3/4"
- Trim features quick connect plug installed
- Trim ships with a medium base socket adapter whip for installation into 6" incandescent housings with medium base sockets.
- UL and cUL classified for use with 6" incandescent medium based housings and Juno IC23-LEDT24 or IC23R-LEDT24

Ordering Information

Example: **J6RLWDG3-3K-6-WWH**

Catalog No.	Color Temp.	Lumen Package	Trim
J6RLWDG3	**3K** 3000K	**6** 600 Lumen	**WWH** White Baffle **BWH** Black Baffle **CLW** Clear Cone **WHW** White Cone **HZW** Haze Cone **WZW** Wheat Haze Cone

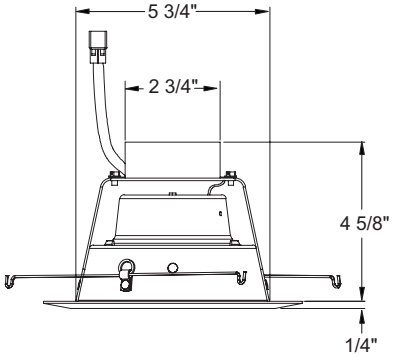
Accessories

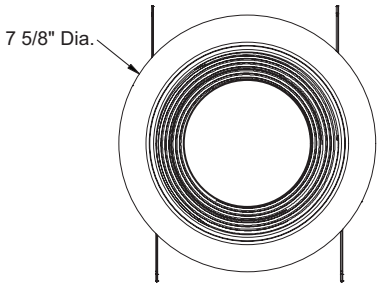
Catalog No.	Description
J6RLTRIM-WWH	White Baffle Trim Insert
J6RLTRIM-BWH	Black Baffle Trim Insert
J6RLTRIM-CLW	Clear Cone Trim Insert
J6RLTRIM-WHW	White Cone Trim Insert
J6RLTRIM-HZW	Haze Cone Trim Insert
J6RLTRIM-WZW	Wheat Haze Cone Trim Insert

Options

Catalog No.	Description
IC23-LEDT24	Compatible 6" quick connect housing
IC23R-LEDT24	Compatible 6" quick connect remodel housing

Dimensions





Medium-based socket whip adapter included with trim

Down-Lites | J6RLEG3

6" IC LED Retrofit Eyeball Trim Module

600 and 900 Lumen

Description

All-in-one 6" LED Retrofit eyeball trim installs into existing 6" incandescent housings with medium base sockets or Juno IC23-LEDT24 and IC23R-LEDT24 quick connect recessed housings • May be used in housings completely covered with insulation • Adjustable eyeball design allows for 30˚ vertical adjustment • Field installable optic accessories available to provide different beam spread options • Dimmable with most standard incandescent or electronic low voltage dimmers • Designed to provide 50,000 hours of life

Listings

- UL and cUL classified • Suitable for damp locations
- ENERGY STAR® Qualified to luminaires V1.1 requirements
- Certified to the high efficiency requirements of California T24-2008

Features

- Installs into existing 6" incandescent housings with medium base sockets
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 600 lumens using less than 11W* or over 900 lumens using less than 16W*
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- All-in-one design where LED light engine mounts directly to trim
- Up to 30˚ vertical adjustment
- LED array integrated to one piece high purity aluminum, thermally conductive eyeball housing provides uninterrupted heat transfer to ensure long life of the LED
- Computer-optimized reflector design with high reflectance white finish coupled with a high transmission diffusing lens conceals the LEDs
- Wide flood optic provided as standard
- Dedicated 120 volt driver
- Driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Retrofit module is compatible with most 6" recessed housings measuring at least 5 1/4" high with an inside diameter between 6" and 6 3/4"
- Trim features quick connect plug installed
- Trim ships with a medium base socket adapter whip for installation into 6" incandescent housings with medium base sockets.
- UL and cUL classified for use with 6" incandescent medium based housings and Juno IC23-LEDT24 or IC23R-LEDT24

*Nominal input wattage under stable operating conditions

Ordering Information

Example: **J6RLEG3-35K-9-WH**

Catalog No.	Color Temp.	Lumen Package	Finish
J6RLEG3	**27K** 2700K	**6** 600 Lumen	**WH** White
	3K 3000K	**9** 900 Lumen	
	35K 3500K		
	41K 4100K		

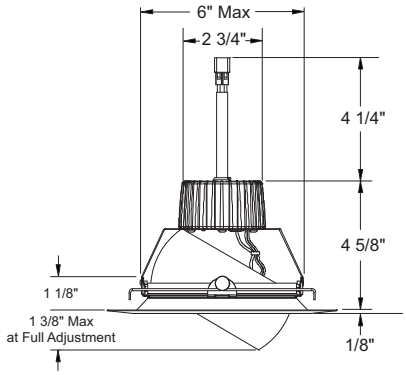
Accessories

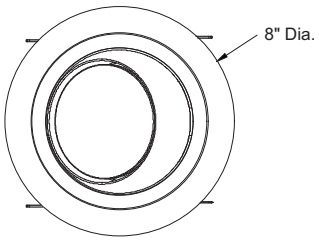
Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Options

Catalog No.	Description
IC23-LEDT24	Compatible 6" quick connect housing
IC23R-LEDT24	Compatible 6" quick connect remodel housing

Dimensions





Medium-based socket whip adapter included with trim

Down-Lites | J6RLEWDG3

6" WarmDim™ LED Retrofit Eyeball Trim Module

600 Lumen

Description

All-in-one 6" LED Retrofit eyeball trim with WarmDim™ technology installs into existing 6" incandescent housings with medium base sockets or Juno IC23-LEDT24 and IC23R-LEDT24 quick connect recessed housings
• May be used in housings completely covered with insulation • Adjustable eyeball design allows for 30˚ vertical adjustment • Field installable optic accessory available to provide medium flood option • Dimmable with most standard incandescent or electronic low voltage dimmers
• Designed to provide 50,000 hours of life

Listings

• UL and cUL classified • Suitable for damp locations
• Union made

Features

- Installs into existing 6" incandescent housings with medium base sockets
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 600 lumens using 14W
- 3000K color temperature at full lumen output and dims to 2000K at low end of dimming range
- Proprietary micro processor controlled light engine emulates dimming performance of incandescent light source
- Rated for 50,000 hours at 70% lumen maintenance
- All-in-one design where LED light engine mounts directly to trim
- Up to 30˚ vertical adjustment
- LED array integrated to one piece high purity aluminum, thermally conductive eyeball housing provides uninterrupted heat transfer to ensure long life of the LED
- Computer-optimized reflector design with high reflectance white finish coupled with a high transmission diffusing lens conceals the LEDs
- Wide flood optic provided as standard
- Dedicated 120 volt driver
- Driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers
- Retrofit module is compatible with most 6" recessed housings measuring at least 5 1/4" high with an inside diameter between 6" and 6 3/4"
- Trim features quick connect plug installed
- Trim ships with a medium base socket adapter whip for installation into 6" incandescent housings with medium base sockets.
- UL and cUL classified for use with 6" incandescent medium based housings and Juno IC23-LEDT24 or IC23R-LEDT24

Ordering Information

Example: **J6RLEWDG3-3K-6-WH**

Catalog No.	Color Temp.	Lumen Package	Finish
J6RLEWDG3	3K 3000K	6 600 Lumen	WH White

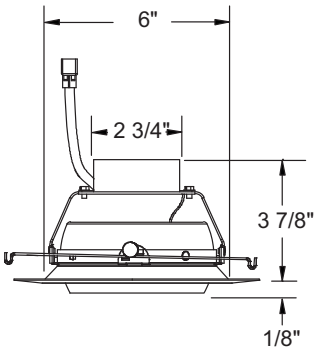
Accessories

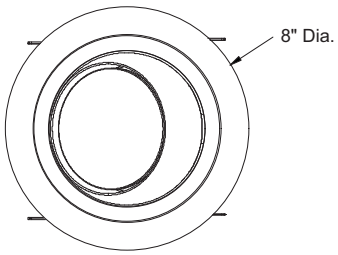
Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50º)

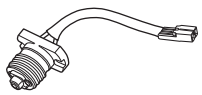
Options

Catalog No.	Description
IC23-LEDT24	Compatible 6" quick connect housing
IC23R-LEDT24	Compatible 6" quick connect remodel housing

Dimensions







Medium-based socket whip adapter included with trim

Description

IC rated Air-Loc®, energy efficient vertical CFL housing with fully sealed double wall construction, does not require separate gasket • Can be completely covered with insulation • Air-Loc design stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with a 220, 239, 241, 242, 243, 271, 2330, 6101 and 9900 trim

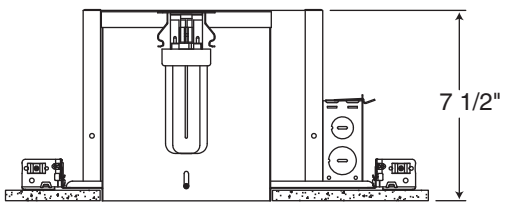
Features

- 6" Compact fluorescent housing
- Fully sealed double wall housing with gasket installed on plaster frame
- California Title 24 compliant
- 120V HPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast is mounted to the inside of the housing on a removable junction box cover for ease of maintenance
- Removable or fixed mounted socket accommodates a variety of trim installations
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented break-away bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- 2 year warranty
- One 32W or 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL632, ICPL626 and PL642 Series

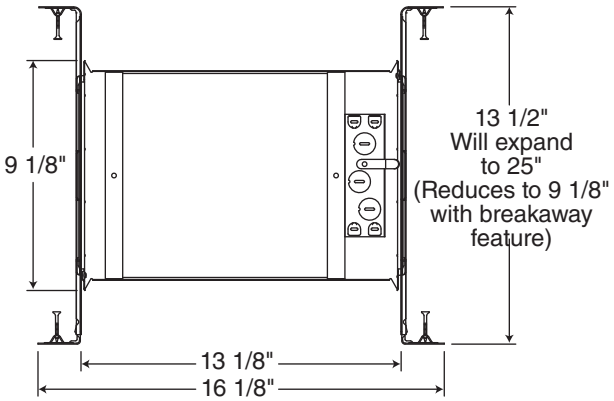
Ordering Information

Catalog No.	Description
ICPL632E	120V HPF ballast
ICPL632E-DB120	ICPL632E with 120V HPF dimmable ballast – T24 compliant
ICPL632EN-DB120	ICPL632E with 120V normal power factor (NPF) dimmable ballast – T24 compliant

Dimensions



6 7/8" Ceiling Cutout



Description

IC rated Air-Loc®, energy efficient vertical CFL housing with single wall construction • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with a 22, 220, 239, 241, 242, 243, 271, 2330, 6101 and 9900 trim

Features

- 6" Compact fluorescent housing
- California Title 24 compliant
- 120V HPF or NPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast enclosed in an aluminum heat dissipating box which prevents direct contact with insulation. Ballast mounted between junction box and housing for ease of maintenance
- Removable or fixed mounted socket accommodates a variety of trim installations
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented break-away bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- 2 year warranty
- One 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL632, ICPL626 and PL642 Series

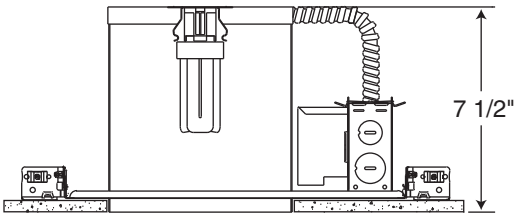
Ordering Information

Catalog No.	Description
ICPL626E	120V HPF ballast
ICPL626EN	120V NPF ballast
ICPL626E-DB120	ICPL626E with 120V HPF dimmable ballast – T24 compliant
ICPL626EN-DB120	ICPL626E with 120V normal power factor (NPF) dimmable ballast – T24 compliant

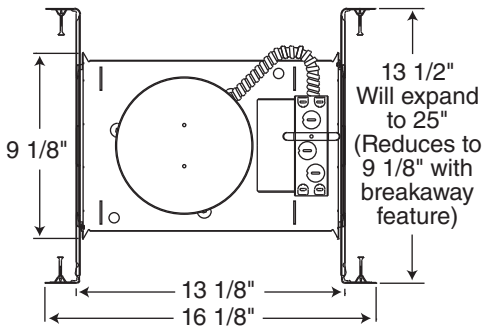
Ordering Information

Catalog No.	Description
ALG6	Air-Loc® Energy Conserving Gasket for 6" Air-Loc IC housings

Dimensions



6 7/8" Ceiling Cutout



Description

IC rated Air-Loc®, energy efficient vertical CFL remodel housing for remodel applications where back side of ceiling is not accessible • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with a 220, 239, 241, 242, 243, 271, 2330, 6101 and 9900 trim

Features

- 6" Compact fluorescent remodel housing
- California Title 24 compliant
- 120V HPF or NPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast mounted to underside of junction box to minimize contact with insulation
- Removable or fixed mounted socket accommodates a variety of trim installations
- Remodel springs accommodate up to 1 1/8" ceiling thickness
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- 2 year warranty
- One 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL632, ICPL626 and PL642 Series

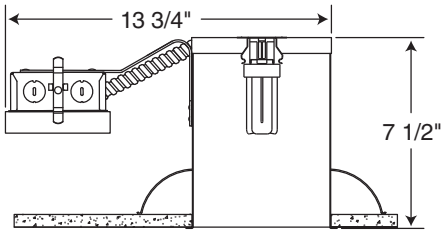
Ordering Information

Catalog No.	Description
ICPL626RE	120V HPF ballast
ICPL626REN	120V NPF ballast
ICPL626REN-DB120	ICPL626RE with 120V normal power factor (NPF) dimmable ballast – T24 compliant

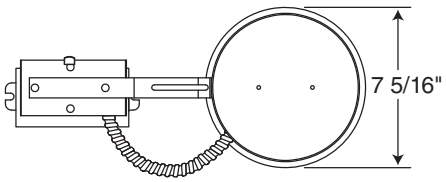
Ordering Information

Catalog No.	Description
ALG6R	Air-Loc® Energy Conserving Gasket Kit for 6" Air-Loc IC remodel housings

Dimensions



6 3/4" Ceiling Cutout



Down-Lites | PL642EU

6" 42W Triple Vertical CFL Housing Non-IC Rated

Description

Non-IC rated vertical CFL housing with single wall construction • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with a 22, 220, 239, 241, 242, 243, 271, 2330, 6101 and 9900 trim

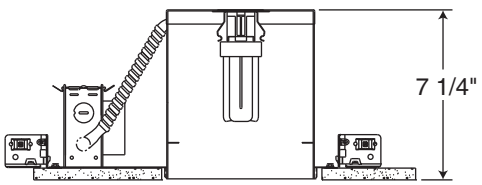
Features

- 6" Compact fluorescent housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Ballast mounted to the inside junction box cover facing the housing for ease of maintenance
- Removable or fixed mounted socket accommodates a variety of trim installations
- Vertically adjustable to accommodate up to a 2" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled white painted steel housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- One 42W or 32W or 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL632, ICPL626 and PL642 Series

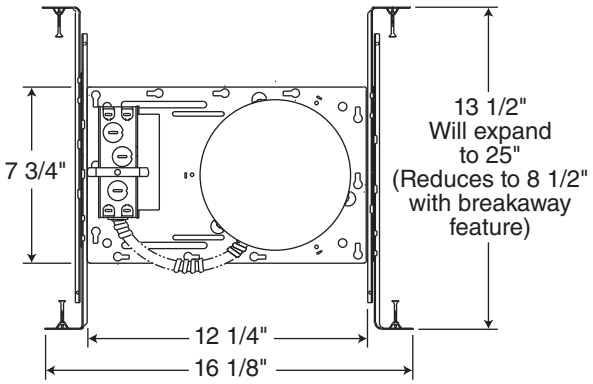
Ordering Information

Catalog No.	Description
PL642EU	120V - 277V HPF ballast

Dimensions



6 7/8" Ceiling Cutout



Down-Lites | PL642RE

6" 42W Triple Vertical CFL Remodel Housing Non-IC Rated

Description

Non-IC rated vertical CFL Remodel housing for remodel applications where back side of ceiling is not accessible
• Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with a 22, 220, 239, 241, 242, 243, 271, 2330, 6101 and 9900 trim

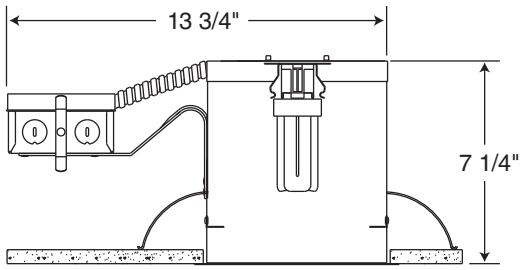
Features

- 6" Compact fluorescent remodel housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Ballast mounted on junction box cover
- Removable or fixed mounted socket accommodates a variety of trim installations
- Remodel clips accommodate up to a 2" ceiling thickness
- Fully assembled white painted steel housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG conductors (2 in, 2 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- One 42W or 32W or 26W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL632, ICPL626 and PL642 Series

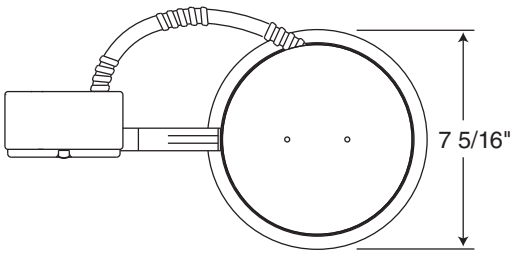
Ordering Information

Catalog No.	Description
PL642RE	120V - 277V HPF ballast

Dimensions



6 3/4" Ceiling Cutout



Down-Lites | Trims for ICPL632E Series, ICPL626E Series, ICPL626RE Series, PL642EU & PL642RE

Downlights

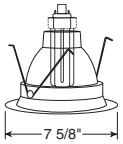
Ultra-Trim Baffle - Fully Enclosed

Catalog #	Description
28W-WH	White Baffle, White Trim
28B-WH	Black Baffle, White Trim

Note: For best performance, 26W max recommended.

Max. Lamp Rating
ICPL626: 26W
ICPL632: 32W
PL642: 42W
Aperture
5 7/8″

AIR-LOC



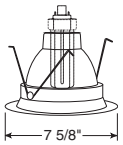
Ultra-Trim Cone - Fully Enclosed

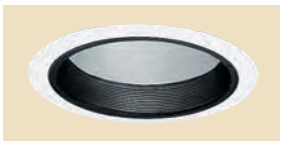
Catalog #	Description
29C-WH	Clear Finish, White Trim
29W-WH	White Finish, White Trim

Note: For best performance, 26W max recommended.

Max. Lamp Rating
ICPL626: 26W
ICPL632: 32W
PL642: 42W
Aperture
5 7/8″

AIR-LOC



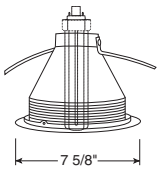


Reflector with Black Baffle

Catalog #	Description
233C-WH	Clear Alzak® with Black Baffle, White Trim

Note: Specify General Electric or Osram Sylvania lamps only.

Max. Lamp Rating
ICPL626: 26W
ICPL632: 32W
PL642: 42W
Aperture
5 7/8″

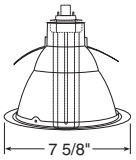


Reflector

Catalog #	Description
232C-WH	Clear Alzak®, White Trim
232G-WH	Gold Alzak®, White Trim
232HZ-WH	Haze, White Trim
232W-WH	Semi-Gloss White, White Trim
232WHZ-WH	Wheat Haze, White Trim

Note: Specify General Electric or Osram Sylvania lamps only.

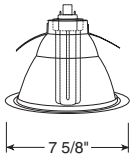
Max. Lamp Rating
ICPL626: 26W
ICPL632: 32W
PL642: 42W
Aperture
5 7/8″



Reflector

Catalog #	Description
2320C-WH	Clear Low Iridescent Alzak®, White Trim (Optimized for 32W/42W)
2320HZ-SC	Haze, Satin Chrome Trim
2320HZ-WH	Haze, White Trim
2320WHZ-ABZ	Wheat Haze, Classic Aged Bronze
2320WHZ-WH	Wheat Haze, White Trim

Max. Lamp Rating
ICPL626: 26W
ICPL632: 32W
PL642: 42W
Aperture
6″



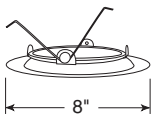
Lensed

Fresnel

Catalog #	Description
22-WH	White Trim

Max. Lamp Rating
ICPL626E: 26W
PL642: 32W

AIR-LOC Wet Location

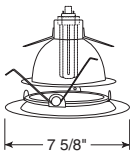


Albalite Lens with Reflector

Catalog #	Description
220-PW	Shower/Closet Light, Plastic White
220-WH	White Trim

Max. Lamp Rating
ICPL626/ICPL632/
PL642: 26W

AIR-LOC Wet Location

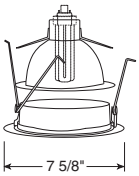


Frosted Lens with Reflector

Catalog #	Description
239-WH	Frosted Lens, White Trim

Max. Lamp Rating
ICPL626: 26W
ICPL632/PL642: 32W

AIR-LOC Wet Location



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location UL listed for use in wet location.

Down-Lites | Trims for ICPL632E Series, ICPL626E Series, ICPL626RE Series, PL642EU & PL642RE

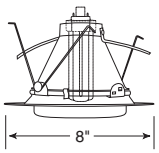
Lensed (cont)

Drop Opal with Reflector

Catalog #	Description
241-PW	Plastic White
241-WH	White Trim

Max. Lamp Rating
ICPL626/ICPL632/ PL642: 26W

AIR-LOC Wet Location

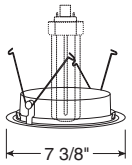


Frosted Lens with Clear Center

Catalog #	Description
242-ABZ	Classic Aged Bronze Trim
242-SC	Satin Chrome Trim
242-WH	White Trim

Max. Lamp Rating
ICPL626: 26W
ICPL632/PL642: 32W

AIR-LOC Wet Location

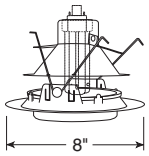


Drop Opal with Reflector

Catalog #	Description
271-PW	Plastic White

Max. Lamp Rating
ICPL626: 26W
ICPL632/PL642: 32W

AIR-LOC Wet Location

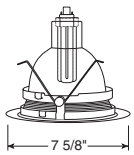


Baffle, Regressed Frosted Dome Lens

Catalog #	Description
2330W-WH	White Baffle, White Trim
2330B-WH	Black Baffle, White Trim

Max. Lamp Rating
ICPL626: 26W
ICPL632/PL642: 32W

AIR-LOC Wet Location

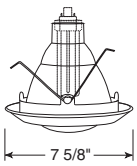


Beveled Frame, Frosted Dome Lens

Catalog #	Description
6101-ABZ	Classic Aged Bronze
6101-SC	Satin Chrome Trim
6101-WH	White Trim

Max. Lamp Rating
ICPL626: 26W
ICPL632: 32W
PL642: 42W

AIR-LOC Wet Location



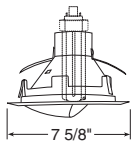
Wall Wash

Scoop

Catalog #	Description
261W-WH	White Baffle, White Trim
261B-WH	Black Baffle, White Trim

Note: Specify General Electric or Osram Sylvania lamps only.

Max. Lamp Rating
ICPL626/ICPL632/PL642: 26W



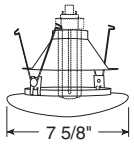
Decorative

Decorative Swirled Etched Opal Glass

Catalog #	Description
243-WH	Opal Glass

Max. Lamp Rating
ICPL626: 26W
ICPL632/PL642: 32W

AIR-LOC Wet Location



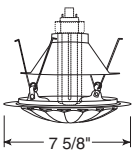
Fluted Drop Opal

Catalog #	Description
9900-WH	White Trim

Note: Specify General Electric or Osram Sylvania lamps only. Compatible with TR6, 6" trim ring

Max. Lamp Rating
ICPL626: 26W
ICPL632/PL642: 26W

AIR-LOC Wet Location



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location UL listed for use in wet location.

Description

IC rated Air-Loc®, energy efficient vertical CFL housing with single wall construction • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with a 239, 240, 241, 243, 271, 2330, 6101 and 9900 trim

Features

- 6" Compact fluorescent housing
- California Title 24 compliant
- 120V HPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast enclosed in an aluminum heat dissipating box which prevents direct contact with insulation. Ballast mounted between junction box and housing for ease of maintenance
- Removable or fixed mounted socket accommodates a variety of trim installations
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented break-away bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- 2 year warranty
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL618, PL618, ICPL613 and PL613 Series

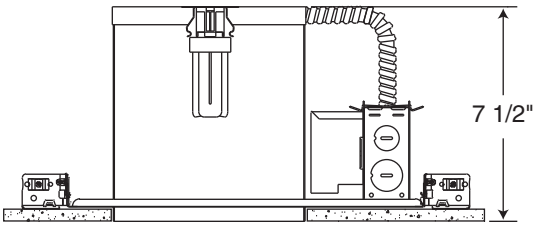
Ordering Information

Catalog No.	Description
ICPL618E	120V HPF ballast

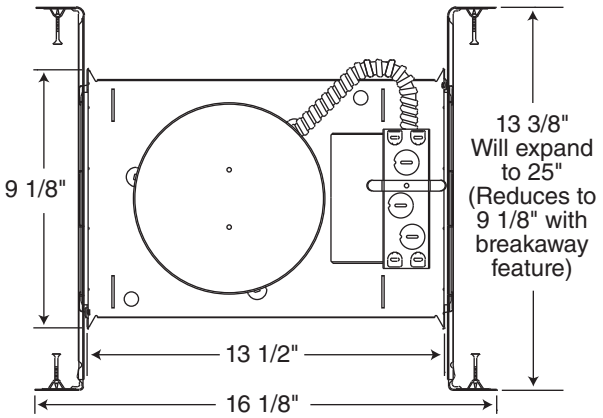
Ordering Information

Catalog No.	Description
ALG6	Air-Loc® Energy Conserving Gasket for 6" Air-Loc IC housings

Dimensions



6 7/8" Ceiling Cutout



Description

IC rated Air-Loc®, energy efficient vertical CFL remodel housing for remodel applications where back side of ceiling is not accessible • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with a 239, 240, 241, 243, 271, 2330, 6101 and 9900 trim

Features

- 6" Compact fluorescent remodel housing
- California Title 24 compliant
- 120V HPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast mounted to underside of junction box to minimize contact with insulation
- Removable or fixed mounted socket accommodates a variety of trim installations
- Remodel springs accommodate up to 1 1/8" ceiling thickness
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG conductors (2 in, 2 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- 2 year warranty
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL618, PL618, ICPL613 and PL613 Series

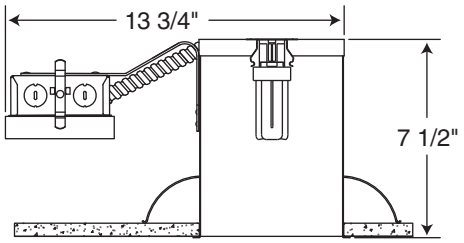
Ordering Information

Catalog No.	Description
ICPL618RE	120V HPF ballast

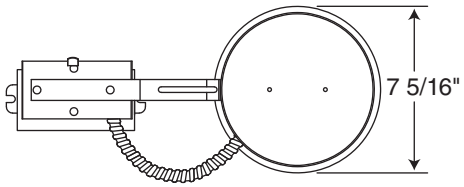
Ordering Information

Catalog No.	Description
ALG6R	Air-Loc® Energy Conserving Gasket Kit for 6" Air-Loc IC remodel housings

Dimensions



6 3/4" Ceiling Cutout



Down-Lites | PL618EU

6" 18W Triple Vertical CFL Housing Non-IC Rated

Description

Non-IC rated vertical CFL housing with single wall construction • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with a 239, 240, 241, 243, 271, 2330, 6101 and 9900 trim

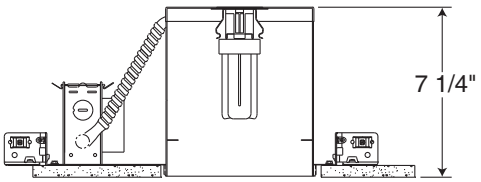
Features

- 6" Compact fluorescent housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Ballast mounted to the inside junction box cover facing the housing for ease of maintenance
- Removable or fixed mounted socket accommodates a variety of trim installations
- Vertically adjustable to accommodate up to a 2" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled white painted steel housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL618, PL618, ICPL613 and PL613 Series

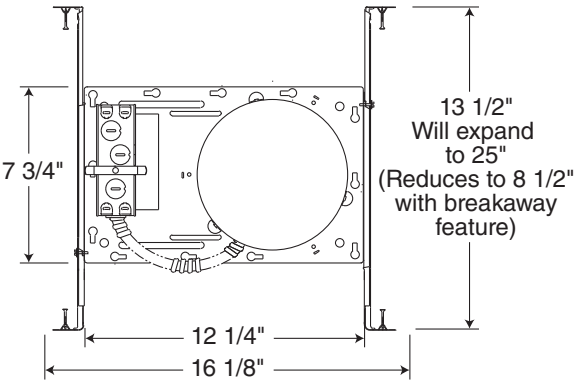
Ordering Information

Catalog No.	Description
PL618EU	120V - 277V HPF ballast

Dimensions



6 7/8" Ceiling Cutout



Down-Lites | PL618RE

6" 18W Triple Vertical CFL Remodel Housing Non-IC Rated

Description

Non-IC rated vertical CFL remodel housing for remodel applications where back side of ceiling is not accessible

• Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA qualified for through-branch wiring, damp and wet locations • Wet location listed when used with a 239, 240, 241, 243, 271, 2330, 6101 and 9900 trim

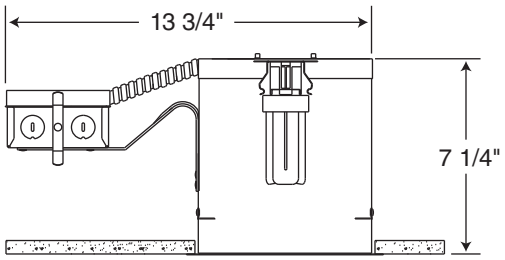
Features

- 6" Compact fluorescent remodel housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Ballast mounted on junction box cover
- Removable or fixed mounted socket accommodates a variety of trim installations
- Remodel clips accommodate up to a 2" ceiling thickness
- Fully assembled white painted steel housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG conductors (2 in, 2 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- One 18W triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL618, PL618, ICPL613 and PL613 Series

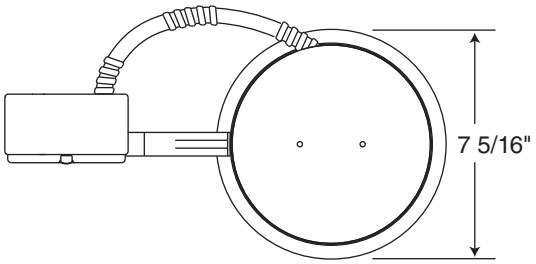
Ordering Information

Catalog No.	Description
PL618RE	120V - 277V HPF ballast

Dimensions



6 3/4" Ceiling Cutout



Description

IC rated Air-Loc®, energy efficient vertical CFL housing with single wall construction • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Washington State, IECC and MEC energy codes as tested per ASTM-E283 • California Title 24 compliant • Wet location listed when used with a 239, 240, 241, 243, 271, 2330, 6101 and 9900 trim

Features

- 6" Compact fluorescent housing
- 120V HPF rapid start electronic FCC Class B ballast with end-of-life lamp protection
- Ballast enclosed in an aluminum heat dissipating box which prevents direct contact with insulation. Ballast mounted between junction box and housing for ease of maintenance
- Removable or fixed mounted socket accommodates a variety of trim installations
- Vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented break-away bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- 2 year warranty
- One 13W quad or triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL618, PL618, ICPL613 and PL613 Series

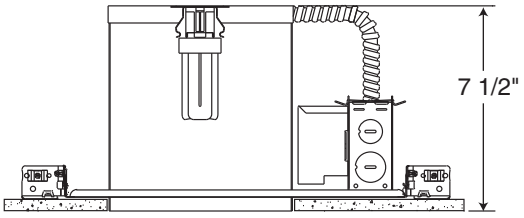
Ordering Information

Catalog No.	Description
ICPL613E	120V HPF ballast

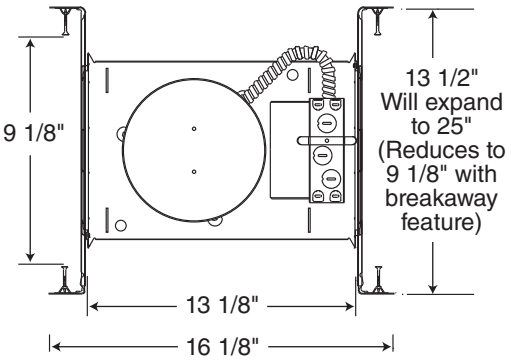
Ordering Information

Catalog No.	Description
ALG6	Air-Loc® Energy Conserving Gasket for 6" Air-Loc IC housings

Dimensions



6 7/8" Ceiling Cutout



Down-Lites | PL613EU

6" 13W Vertical CFL Housing Non-IC Rated

Description

Non-IC rated vertical CFL housing with single wall construction • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with a 239, 240, 241, 243, 271, 2330, 6101 and 9900 trim

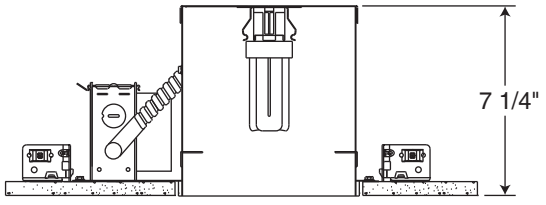
Features

- 6" Compact fluorescent housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Ballast mounted to the inside junction box cover facing the housing for ease of maintenance
- Removable or fixed mounted socket accommodates a variety of trim installations
- Vertically adjustable to accommodate up to a 2" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Fully assembled white painted steel housing
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG conductors (4 in, 4 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- One 13W quad or triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL618, PL618, ICPL613 and PL613 Series

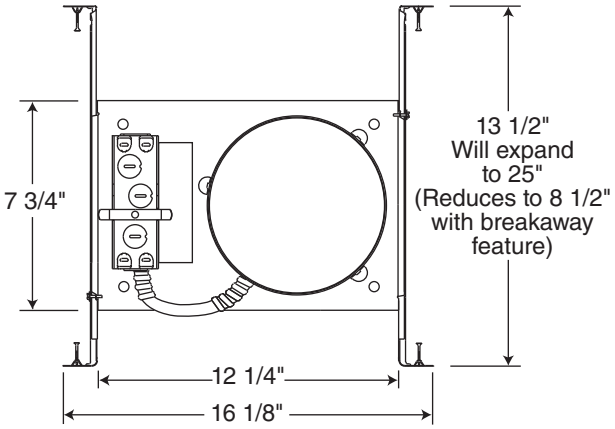
Ordering Information

Catalog No.	Description
PL613EU	120V - 277V HPF ballast

Dimensions



6 7/8" Ceiling Cutout



Down-Lites | PL613RE

6" 13W Vertical CFL Remodel Housing Non-IC Rated

Description

Non-IC rated vertical CFL remodel housing for remodel applications where back side of ceiling is not accessible
• Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed when used with a 239, 240, 241, 243, 271, 2330, 6101 and 9900 trim

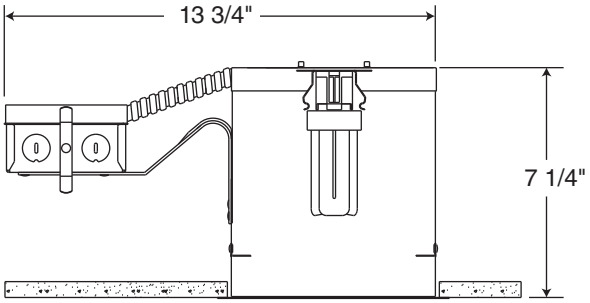
Features

- 6" Compact fluorescent remodel housing
- 120V through 277V HPF rapid start electronic ballast with end-of-life lamp protection
- Ballast mounted on junction box cover
- Removable or fixed mounted socket accommodates a variety of trim installations
- Remodel clips accommodate up to a 2" ceiling thickness
- Fully assembled white painted steel housing
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG conductors (2 in, 2 out)
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- One 13W quad or triple tube (4-pin) CFL lamp with trim selection. Trim selection follows ICPL618, PL618, ICPL613 and PL613 Series

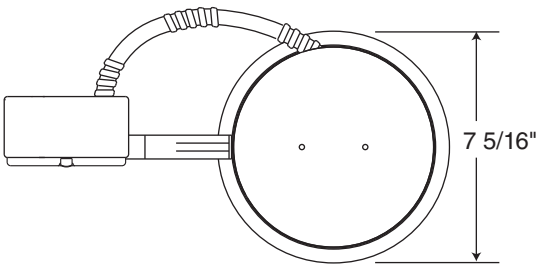
Ordering Information

Catalog No.	Description
PL613RE	120V - 277V HPF ballast

Dimensions



6 3/4" Ceiling Cutout



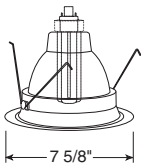
Downlights

Ultra-Trim Baffle

Catalog #	Description
28W-WH	White Baffle, White Trim
28B-WH	Black Baffle, White Trim

Max. Lamp Rating
ICPL/PL618: 18W
ICPL/PL613: 13W
Aperture
5 7/8″

AIR-LOC

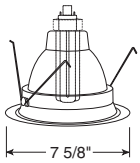


Ultra-Trim Cone

Catalog #	Description
29C-WH	Clear Finish, White Trim
29W-WH	White Finish, White Trim

Max. Lamp Rating
ICPL/PL618: 18W
ICPL/PL613: 13W
Aperture
5 7/8″

AIR-LOC

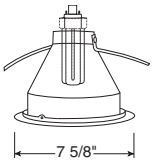


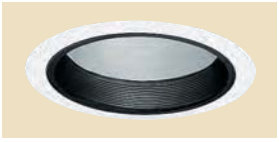
Reflector

Catalog #	Description
232C-WH	Clear Alzak®, White Trim
232G-WH	Gold Alzak®, White Trim
232HZ-WH	Haze, White Trim
232W-WH	Semi-Gloss White, White Trim
232WHZ-WH	Wheat Haze, White Trim

Note: Specify General Electric or Osram Sylvania lamps only.

Max. Lamp Rating
ICPL/PL618: 18W
ICPL/PL613: 13W
Aperture
5 7/8″



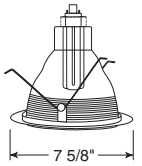


Reflector with Black Baffle

Catalog #	Description
233C-WH	Clear Alzak® with Black Baffle, White Trim

Note: Specify General Electric or Osram Sylvania lamps only.

Max. Lamp Rating
ICPL/PL618: 18W
ICPL/PL613: 13W
Aperture
5 7/8″



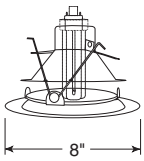
Lensed

Frosted Lens with Reflector

Catalog #	Description
239-WH	Frosted Lens, White Trim

Max. Lamp Rating
ICPL/PL618: 18W
ICPL/PL613: 13W

AIR-LOC Wet Location



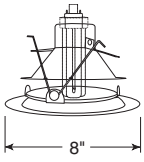
Abalite Lens with Reflector

Catalog #	Description
240-PW	Shower/Closet Light, Plastic White
240-WH	White Trim

Note: For 18W housings, use only Phillips or Osram Sylvania lamps.

Max. Lamp Rating
ICPL/PL618: 18W
ICPL/PL613: 13W

AIR-LOC Wet Location

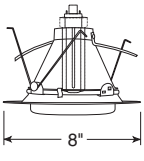


Drop Opal with Reflector

Catalog #	Description
241-PW	Shower/Closet Light, Plastic White
241-WH	White Trim

Max. Lamp Rating
ICPL/PL618: 18W
ICPL/PL613: 13W

AIR-LOC Wet Location



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location UL listed for use in wet location.

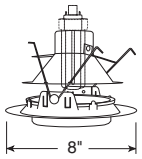
Lensed (cont)

Drop Opal with Reflector

Catalog #	Description
271-PW	Plastic White

Max. Lamp Rating
ICPL/PL618: 18W
ICPL/PL613: 13W

AIR-LOC Wet Location

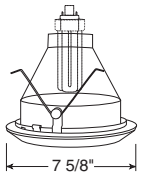


Beveled Frame, Frosted Dome Lens

Catalog #	Description
6101-ABZ	Classic Aged Bronze
6101-SC	Satin Chrome Trim
6101-WH	White Trim

Max. Lamp Rating
ICPL/PL618: 18W
ICPL/PL613: 13W

AIR-LOC Wet Location

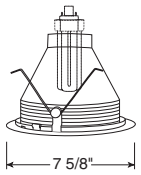


Baffle, Regressed Frosted Dome Lens

Catalog #	Description
2330W-WH	White Baffle, White Trim
2330B-WH	Black Baffle, White Trim

Max. Lamp Rating
ICPL/PL618: 18W
ICPL/PL613: 13W

AIR-LOC Wet Location



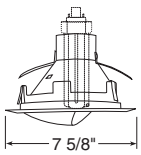
Wall Wash

Scoop

Catalog #	Description
261W-WH	White Baffle, White Trim
261B-WH	Black Baffle, White Trim

Note: Specify General Electric or Osram Sylvania lamps only.

Max. Lamp Rating
ICPL/PL618: 18W
ICPL/PL613: 13W



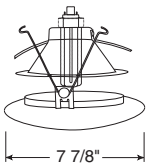
Decorative

Decorative Swirled Etched Opal Glass

Catalog #	Description
243-WH	Opal Glass

Max. Lamp Rating
ICPL/PL618: 18W
ICPL/PL613: 13W

AIR-LOC Wet Location



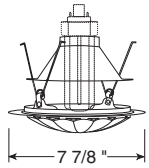
Fluted Drop Opal

Catalog #	Description
9900-WH	White Trim

Note: Specify General Electric or Osram Sylvania lamps only.
Compatible with TR6, 6" trim ring

Max. Lamp Rating
ICPL/PL618: 18W
ICPL/PL613: 13W

AIR-LOC Wet Location



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location UL listed for use in wet location.

Description

IC rated 6" High wattage, energy efficient Air-Loc® double wall construction housing • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 20, 21, 22, 239, 240, 241, 242, 243, and 9900 trims • The listing also includes the 28 and 29 trims, only when used with PAR30/ PAR38 outdoor rated lamps • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

Features

- 6" Deluxe housing
- Drop socket with spring to accommodate a wide variety of trim and lamp combinations
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented break-away bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC2 and TC2 Series

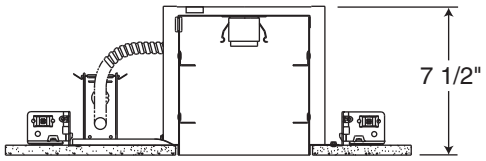
Ordering Information

Catalog No.	Description
IC2	6" Deluxe incandescent housing
IC2W	IC2 with push-in electrical connectors for fast, secure installation

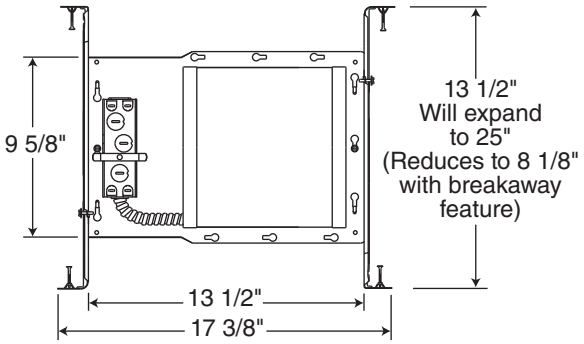
Ordering Information

Catalog No.	Description
ALG6	Air-Loc® Energy Conserving Gasket for 6" Air-Loc IC housings

Dimensions



6 7/8" Ceiling Cutout



Description

Non-IC rated housing • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 20, 21, 22, 239, 240, 241, 242, 243, and 9900 trims • The listing also includes the 28 and 29 trims, only when used with PAR30/ PAR38 outdoor rated lamps • Conforms with City of Chicago IP requirements

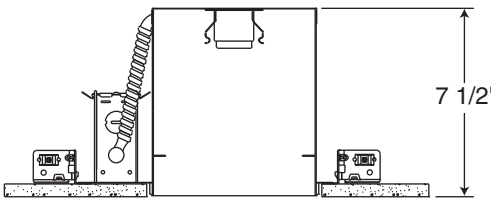
Features

- 6" Housing
- Medium base porcelain socket with nickel-plated copper screw shell
- Drop socket with spring to accommodate certain trim installation
- Housing is vertically adjustable to accommodate up to a 2" ceiling thickness
- Housing is fully assembled for ease of installation
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG minimum 90° C branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps or insulation
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC2 and TC2 Series

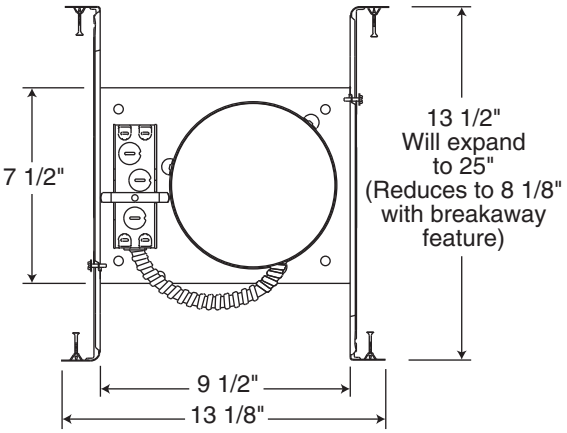
Ordering Information

Catalog No.	Description
TC2	6" TC Incandescent housing
TC2S	TC2 with smaller footprint bar hanger (Real Nail® 2)
TC2W	TC2 with push-in electrical connectors for fast, secure installation

Dimensions



6 7/8" Ceiling Cutout



Down-Lites | TC2R

6" Incandescent Remodel Housing Non-IC Rated

Description

Non-IC rated remodel housing for applications where the back side of the ceiling is not accessible • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing • Adjustable height allows installation where vertical space is limited

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 20, 21, 22, 239, 240, 241, 242, 243, and 9900 trims • The listing also includes the 28 and 29 trims, only when used with PAR30/ PAR38 outdoor rated lamps • Conforms with City of Chicago IP requirements

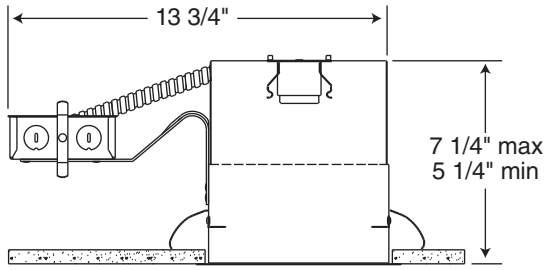
Features

- 6" Remodel housing
- Medium base porcelain socket with nickel-plated copper screw shell
- Drop socket with spring to accommodate various trim installations
- Adjustable height remodel springs accommodate up to a 1 3/4" ceiling thickness
- Telescoping housing adjusts from 7 1/4" max. height down to 5 1/4" min. height
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG 90° C branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps or insulation
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC2 and TC2 Series

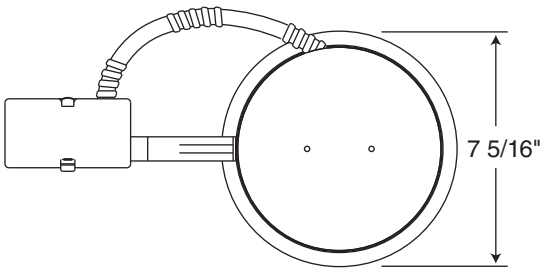
Ordering Information

Catalog No.	Description
TC2R	6" TC Incandescent remodel housing

Dimensions



6 3/4" Ceiling Cutout



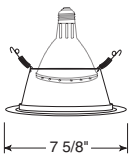
Downlights

Tapered Baffle

Catalog #	Description
24W-WH	White Baffle, White Trim
24B-WH	Black Baffle, White Trim
24B-BL	Black Baffle, Black Trim
24B-ABZ	Black Baffle, Classic Aged Bronze Trim
24B-SC	Black Baffle, Satin Chrome Trim

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position. Compatible with TR6, 6" trim ring

Max. Lamp Rating
IC2: 50W PAR30, 75W PAR30L, 65W BR30
TC2/TC2R: 75W PAR30L, 65W BR30, 75W PAR30
Aperture
5 3/4"

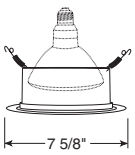


Straight Baffle

Catalog #	Description
25W-WH	White Baffle, White Trim
25B-WH	Black Baffle, White Trim
25B-BL	Black Baffle, Black Trim
25B-ABZ	Black Baffle, Classic Aged Bronze Trim
25B-SC	Black Baffle, Satin Chrome Trim

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position. Compatible with TR6, 6" trim ring

Max. Lamp Rating
IC2: 85W BR40/90W PAR38
TC2/TC2R: 120W BR40/150 PAR38
Aperture
5 3/4"

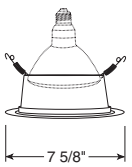


Straight Cone

Catalog #	Description
26B-WH	Black Alzak®, White Trim
26C-WH	Clear Alzak®, White Trim
26G-WH	Gold Alzak®, White Trim
26HZ-WH	Haze, White Trim
26PT-SC	Pewter Alzak®, Satin Chrome Trim
26W-WH	Gloss White, White Trim
26WHZ-WH	Wheat Haze, White Trim

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position. Compatible with TR6, 6" trim ring

Max. Lamp Rating
IC2: 90W PAR38/85W BR40
TC2/TC2R: 150W PAR38/120W BR40
Aperture
5 3/4"



Tapered Cone

Catalog #	Description
27B-WH	Black Alzak®, White Trim
27C-WH	Clear Alzak®, White Trim
27G-WH	Gold Alzak®, White Trim
27HZ-WH	Haze, White Trim
27PT-SC	Pewter Alzak®, Satin Chrome Trim
27W-WH	Gloss White, White Trim
27WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
27WHZ-WH	Wheat Haze, White Trim

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position. Compatible with TR6, 6" trim ring

Max. Lamp Rating
IC2: 50W PAR30, 75W PAR30L, 65W BR30
TC2/TC2R: 75W PAR30, 75W PAR30L, 65W BR30
Aperture
5 3/4"

Ultra-Trim Baffle - Fully Enclosed

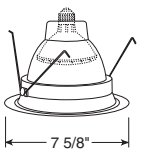
Catalog #	Description
28W-WH	White Baffle, White Trim
28B-WH	Black Baffle, White Trim

IMPORTANT: Wet location listed only with outdoor rated PAR30/38 lamp

Max. Lamp Rating
IC2: 75W A19/100W PAR38, 75W PAR30/30L, 85W BR30, 120W BR40
TC2/TC2R: 150W A21/150W PAR38, 75W PAR30/30L, 85W BR30, 120W BR40
Aperture
5 7/8"

AIR-LOC

Wet Location With Outdoor Lamps



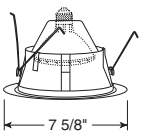
Shallow Baffle

Catalog #	Description
244W-WH	White Baffle, White Trim
244B-WH	Black Baffle, White Trim

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position. Compatible with TR6, 6" trim ring

Max. Lamp Rating
IC2/TC2/TC2R: 75W PAR30, 75W PAR30L, 65W BR30
Aperture
5 3/4"

AIR-LOC



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location With Outdoor Lamps UL listed for use in wet location.

Downlights (cont)

PAR30 Deep Baffle

Catalog #	Description
254W-WH	White, White Trim
254B-WH	Black, White Trim

Compatible with TR6, 6" trim ring

Max. Lamp Rating
IC2/TC2/TC2R: 75W PAR30, 100W PAR38
Aperture
5 5/8"

Ultra-Trim Cone - Fully Enclosed

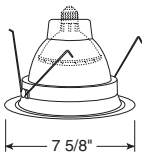
Catalog #	Description
29C-WH	Clear Finish, White Trim
29W-WH	White Finish, White Trim

IMPORTANT: Wet location listed only with outdoor rated PAR30/38 lamp

Max. Lamp Rating
IC2: 100W A19/100W PAR38, 75W PAR30/30L, 85W BR30, 120W BR40
TC2/TC2R: 150W A21/150W PAR38, 75W PAR30/30L, 85W BR30, 120W BR40
Aperture
5 7/8"

AIR-LOC

Wet Location With Outdoor Lamps



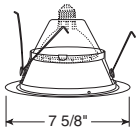
Shallow Cone

Catalog #	Description
247B-WH	Black Alzak®, White Trim
247C-WH	Clear Alzak®, White Trim
247G-WH	Gold Alzak®, White Trim
247HZ-WH	Haze, White Trim
247WHZ-WH	Wheat Haze, White Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
IC2/TC2/TC2R: 75W PAR30/30L, 65W BR30
Aperture
5 3/4"

AIR-LOC

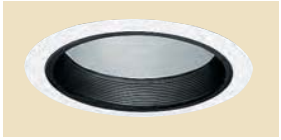


PAR30 Deep Cone

Catalog #	Description
257B-WH	Black Alzak®, White Trim
257C-WH	Clear Alzak®, White Trim
257G-WH	Gold Alzak®, White Trim
257HZ-WH	Haze, White Trim
257WHZ-WH	Wheat Haze, White Trim

*Compatible with TR6, 6" trim ring

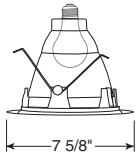
Max. Lamp Rating
IC2/TC2/TC2R: 75W PAR30, 100W PAR38
Aperture
5 5/8"



Economy A-Lamp Reflector with Baffle

Catalog #	Description
230CW-WH	Clear with White Baffle, White Trim
230CB-WH	Clear with Black Baffle, White Trim

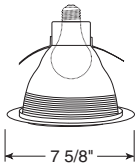
Max. Lamp Rating
IC2/TC2/TC2R: 100W A19
Aperture
5 1/2"



A-Lamp Reflector with Black Baffle

Catalog #	Description
233C-WH	Clear Alzak® with Black Baffle, White Trim

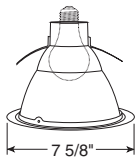
Max. Lamp Rating
IC2: 75W A19
TC2/TC2R: 100W A19, 150W A21
Aperture
5 7/8"



A-Lamp Reflector

Catalog #	Description
232C-WH	Clear Alzak®, White Trim
232G-WH	Gold Alzak®, White Trim
232HZ-WH	Haze, White Trim
232W-WH	Semi-Gloss White, White Trim
232WHZ-WH	Wheat Haze, White Trim

Max. Lamp Rating
IC2/TC2/TC2R: 100W A19, 150W A21
IC2 (White Finish only) 75W A19
TC2 (White Finish only) 100W A19
Aperture
5 7/8"



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location With Outdoor Lamps UL listed for use in wet location.

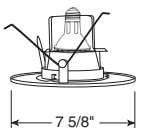
Downlights (cont)

Pinhole with Baffle

Catalog #	Description
23B-WH	Black Baffle, White Trim

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position

Max. Lamp Rating
IC2/TC2/TC2R: 50W PAR20/R20
Aperture
3 3/8"

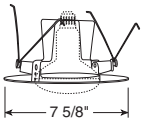


BR30 Open Frame

Catalog #	Description
250-ABZ	Classic Aged Bronze Trim
250-SC	Satin Chrome Trim
250-WH	White Trim

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position

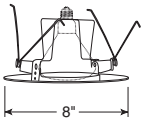
Max. Lamp Rating
IC2/TC2/TC2R: 65W BR30
Aperture
4"



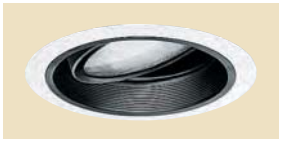
BR40/R40 Open Frame

Catalog #	Description
251-WH	White Trim

Max. Lamp Rating
IC2:100W BR40
TC2/TC2R: 120W BR40, 250W R40 Heat Lamp
Aperture
5 1/8"



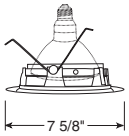
Adjustables



Gimbal Ring in Baffle

Catalog #	Description
224W-WH	White Baffle, White Trim
224B-WH	Black Baffle, White Trim

Max. Lamp Rating
IC2: 75W PAR38, Medium Side Prong
TC2/TC2R: 150W PAR38, Medium Side Prong
Aperture
5 3/4"

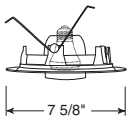


Cylinder Spotlight in Baffle

Catalog #	Description
226W-WH	White Cylinder Adjustable with White Baffle, White Trim
226B-WH	Black Cylinder Adjustable with Black Baffle, White Trim

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position

Max. Lamp Rating
IC2/TC2/TC2R: 60W PAR16

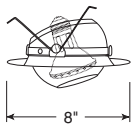


R/PAR20 Regressed Eyeball

Catalog #	Description
228-WH	White Trim

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position

Max. Lamp Rating
IC2/TC2/TC2R: 50W PAR/R20

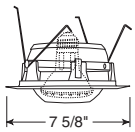


R/PAR20 Regressed Eyeball in Baffle

Catalog #	Description
248W-WH	White Baffle, White Trim

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position

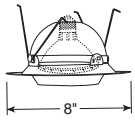
Max. Lamp Rating
IC2/TC2/TC2R: 50W PAR/R20



PAR/BR30 Regressed Eyeball

Catalog #	Description
229-ABZ	Classic Aged Bronze Trim
229-BL	Black Trim
229-SC	Satin Chrome Trim
229-WH	White Trim

Max. Lamp Rating
IC2/TC2/TC2R: 75W PAR30L, 65W BR30

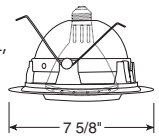


Adjustables (cont)

PAR/BR30 Regressed Eyeball in Baffle

Catalog #	Description
249W-WH	White Baffle, White Trim
249B-WH	Black Baffle, White Trim

Max. Lamp Rating
IC2/TC2/TC2R: 75W PAR30L, 65W BR30

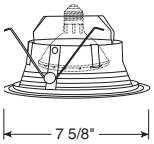


PAR30 Adjustable Tapered Baffle

Catalog #	Description
264W-WH	White Baffle, White Trim
264B-WH	Black Baffle, White Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
IC2/TC2/TC2R: 75W PAR30
Aperture
5 3/4"

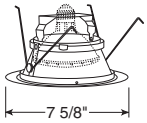


PAR30 Adjustable Tapered Cone

Catalog #	Description
267B-WH	Black Alzak®, White Trim
267C-WH	Clear Alzak®, White Trim
267G-WH	Gold Alzak®, White Trim
267HZ-WH	Haze, White Trim
267WHZ-WH	Wheat Haze, White Trim

*Compatible with TR6, 6" trim ring

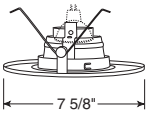
Max. Lamp Rating
IC2/TC2/TC2R: 75W PAR30
Aperture
5 3/4"



Low Voltage Pinhole with Baffle

Catalog #	Description
424B-WH	Low Voltage Trim with Transformer, Black Baffle, White Trim

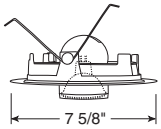
Max. Lamp Rating
IC2: 35W MR16
TC2/TC2R: 50W MR16
Adjustment
30° vertical, 358° rotation
Aperture
3 1/2"



Low Voltage Cylinder Spotlight in Baffle

Catalog #	Description
427W-WH	Low Voltage Trim with Transformer, White Baffle, White Bezel, White Trim

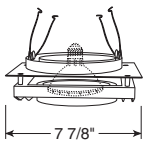
Max. Lamp Rating
IC2/TC2/TC2R: 50W MR16
Adjustment
45° vertical, 358° rotation



AVIO™ Square Gimbal Ring

Catalog #	Description
XR30101BL	Black Trim
XR30101GP	Graphite Trim
XR30101SL	Silver Trim
XR30101WH	White Trim

Max. Lamp Rating
IC2/TC2/TC2R: 75W PAR30



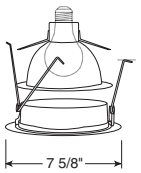
Lensed

Frosted Lens with Reflector

Catalog #	Description
239-WH	Frosted Lens, White Trim

Max. Lamp Rating
IC2: 40W A19, 35W PAR30L
TC2: 100W A19
TC2R: 75W A19

AIR-LOC Wet Location



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

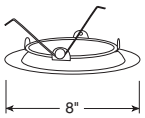
Wet Location UL listed for use in wet location.

Lensed (cont)

Albalite

Catalog #	Description	Max. Lamp Rating
20-PW	Shower/Closet Light, Plastic White	IC2: 40W A19
20-WH	White Trim	TC2/TC2R: 75W A19

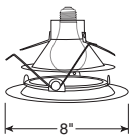
AIR-LOC Wet Location



Albalite with Reflector

Catalog #	Description	Max. Lamp Rating
240-PW	Shower/Closet Light, Plastic White	IC2: 60W A19
240-WH	White Trim	TC2/TC2R: 100W A19

AIR-LOC Wet Location

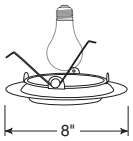


Drop Opal

Catalog #	Description	Max. Lamp Rating
21-PW	Shower/Closet Light, Plastic White	IC2: 40W A19
21-WH	White Trim	TC2/TC2R: 75W A19

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position

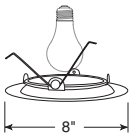
AIR-LOC Wet Location



Fresnel

Catalog #	Description	Max. Lamp Rating
22-WH	White Trim	IC2: 40W A19
		TC2/TC2R: 75W A19

AIR-LOC Wet Location

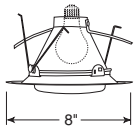


Drop Opal with Reflector

Catalog #	Description	Max. Lamp Rating
241-PW	Shower/Closet Light, Plastic White	IC2: 60W A19
241-WH	White Trim	TC2/TC2R: 100W A19

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position

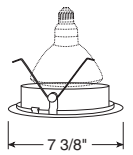
AIR-LOC Wet Location



Frosted Lens with Clear Center

Catalog #	Description	Max. Lamp Rating
242-ABZ	Classic Aged Bronze Trim	IC2: 75W PAR38
242-SC	Satin Chrome Trim	TC2/TC2R: 120W PAR38
242-WH	White Trim	

AIR-LOC Wet Location



Wall Wash

Scoop

Catalog #	Description	Max. Lamp Rating
261W-WH	White Baffle, White Trim	IC2: 40W A19
261B-WH	Black Baffle, White Trim	TC2/TC2R: 75W A19

AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location UL listed for use in wet location.

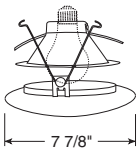
Decorative

Decorative Swirled Etched Opal Glass

Catalog #	Description
243-WH	Opal Glass

Max. Lamp Rating
IC2: 60W A19
TC2/TC2R: 100W A19

AIR-LOC Wet Location

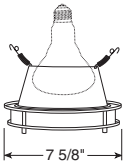


Metal Band

Catalog #	Description
9524-SC	Satin Chrome Band, Satin Chrome Trim

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position

Max. Lamp Rating
IC2/TC2/TC2R: 65W BR30
Aperture
5 7/8"

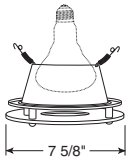


Luminous Disc (Frosted)

Catalog #	Description
9324-SC	Satin Chrome Trim

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position

Max. Lamp Rating
IC2/TC2/TC2R: 65W BR30
Aperture
3 1/4"



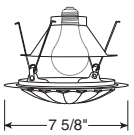
Fluted Drop Opal

Catalog #	Description
9900-WH	White Trim

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position. Compatible with TR6, 6" trim ring

Max. Lamp Rating
IC2: 60W A19
TC2/TC2R: 75W A19

AIR-LOC Wet Location

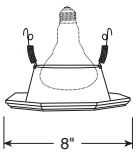


Octagonal

Catalog #	Description
9024W-WH	White Octagonal with White Baffle, White Trim

+Trim may be used with TC2R housing adjusted in lowest height (5 1/4") position

Max. Lamp Rating
IC2/TC2/TC2R: 65W BR30
Aperture
5 3/4"



Luminous Collar (Frosted)

Catalog #	Description
9702	Clear Etched

Max. Lamp Rating
IC2/TC2/TC2R: 65W BR30
Aperture
6 3/8"

AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location UL listed for use in wet location.

Description

IC rated, energy efficient Air-Loc® sealed housing • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 239, 241 and 242 trims • Trims 28 and 29 are wet location approved when used with PAR30/PAR38 outdoor rated lamps • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

Features

- 6" Housing
- Adjustable socket plate and detachable socket with snap-in springs to accommodate various lamp and trim combinations
- Socket plate is secured at two points for consistent, straight lamp positioning
- Medium base porcelain socket with nickel-plated copper screw shell
- Shipped with socket cap to protect against paint overspray
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC22 Series

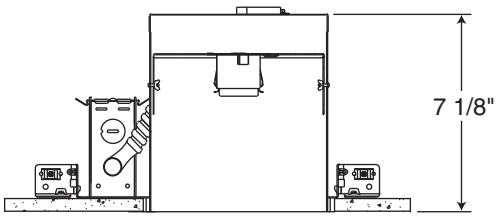
Ordering Information

Catalog No.	Description
IC22	6" Incandescent housing
IC22W	IC22 with push-in electrical connectors for fast, secure installation
IC22S	IC22 with smaller footprint bar hanger (Real Nail® 2)

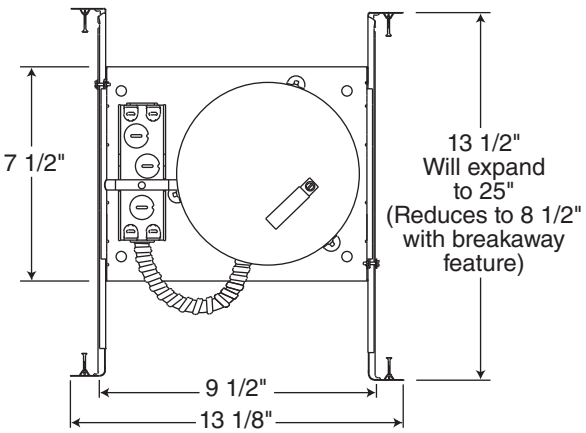
Accessories

Catalog No.	Description
ALG6	Air-Loc® Energy Conserving Gasket for 6" Air-Loc IC housings

Dimensions



6 7/8" Ceiling Cutout



Description

IC rated, energy efficient Air-Loc® sealed remodel housing • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 239, 241 and 242 trims • Trims 28 and 29 are wet location approved when used with PAR30/PAR38 outdoor rated lamps • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

Features

- 6" Remodel housing
- Adjustable socket plate and detachable socket with snap-in springs to accommodate various lamp and trim combinations
- Socket plate is secured at two points for consistent, straight lamp positioning
- Medium base porcelain socket with nickel-plated copper screw shell
- Shipped with socket cap to protect against paint overspray
- Adjustable height remodel springs accommodate up to a 1 3/4" ceiling thickness
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC22 Series

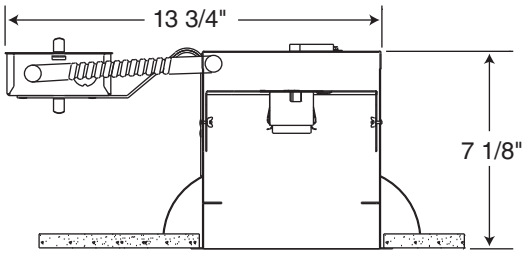
Ordering Information

Catalog No.	Description
IC22R	6" Incandescent remodel housing

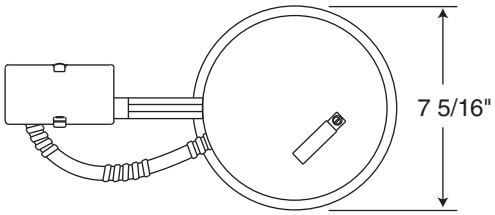
Accessories

Catalog No.	Description
ALG6R	Air-Loc® Energy Conserving Gasket Kit for 6" Air-Loc IC remodel housings

Dimensions



6 3/4" Ceiling Cutout



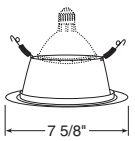
BR/PAR Downlights

Tapered Baffle

Catalog #	Description
24W-WH	White Baffle, White Trim
24B-WH	Black Baffle, White Trim
24B-BL	Black Baffle, Black Trim
24B-ABZ	Black Baffle, Classic Aged Bronze Trim
24B-SC	Black Baffle, Satin Chrome Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
75W PAR30L, 50W PAR30, 65W BR30
Aperture
5 3/4"

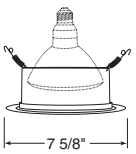


Straight Baffle

Catalog #	Description
25W-WH	White Baffle, White Trim
25B-WH	Black Baffle, White Trim
25B-BL	Black Baffle, Black Trim
25B-ABZ	Black Baffle, Classic Aged Bronze Trim
25B-SC	Black Baffle, Satin Chrome Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
50W PAR30, 65W BR30, 65W PAR38
Aperture
5 3/4"



Ultra-Trim Baffle-
Fully Enclosed

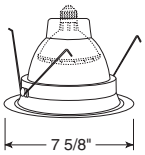
Catalog #	Description
28W-WH	White Baffle, White Trim
28B-WH	Black Baffle, White Trim

IMPORTANT: Wet location listed only with outdoor rated PAR30/38 lamps

Max. Lamp Rating
60W A19, 75W PAR30/30L 65W BR30, 90W PAR38/ BR40
Aperture
5 7/8"

AIR-LOC

Wet Location With Outdoor Lamps



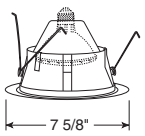
Shallow Baffle

Catalog #	Description
244W-WH	White Baffle, White Trim
244B-WH	Black Baffle, White Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
60W PAR30, 65W BR30, 75W PAR30L
Aperture
5 3/4"

AIR-LOC

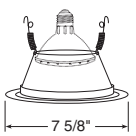


Tapered Cone

Catalog #	Description
27B-WH	Black Alzak®, White Trim
27C-WH	Clear Alzak®, White Trim
27G-WH	Gold Alzak®, White Trim
27HZ-WH	Haze, White Trim
27PT-SC	Pewter Alzak®, Satin
27W-WH	Gloss White, White Trim
27WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
27WHZ-WH	Wheat Haze, White Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
50W PAR30, 65W BR30, 75W PAR30L
Aperture
5 3/4"



Ultra-Trim Cone-
Fully Enclosed

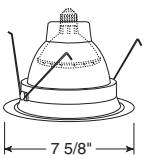
Catalog #	Description
29C-WH	Clear Finish, White Trim
29W-WH	White Finish, White Trim

IMPORTANT: Wet location listed only with outdoor rated PAR30/38 lamps

Max. Lamp Rating
60W A19, 75W PAR30/30L 65W BR30, 90W PAR38/ BR40
Aperture
5 7/8"

AIR-LOC

Wet Location With Outdoor Lamps



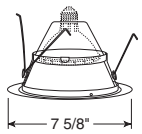
Shallow Cone

Catalog #	Description
247B-WH	Black Alzak®, White Trim
247C-WH	Clear Alzak®, White Trim
247G-WH	Gold Alzak®, White Trim
247HZ-WH	Haze, White Trim
247WHZ-WH	Wheat Haze, White Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
75W PAR30L, 65W BR30, 75W PAR30
Aperture
5 3/4"

AIR-LOC



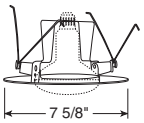
AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location With Outdoor Lamps UL listed for use in wet location.

BR/PAR Downlights (cont)

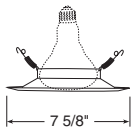
BR30 Open Frame

Catalog #	Description	Max. Lamp Rating
250-ABZ	Classic Aged Bronze Trim	65W BR30
250-SC	Satin Chrome Trim	**Aperture**
250-WH	White Trim	4″



BR30 Regressed Open Frame

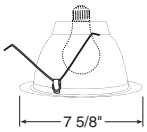
Catalog #	Description	Max. Lamp Rating
252-WH	White Trim	65W BR30
		Aperture
		4″



A-Lamp Downlights

A-Lamp Reflector

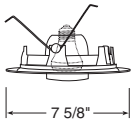
Catalog #	Description	Max. Lamp Rating
231C-WH	Clear Alzak®, White Trim	60W A19
231G-WH	Gold Alzak®, White Trim	**Aperture**
231W-WH	Gloss White, White Trim	5 7/8″



Adjustables

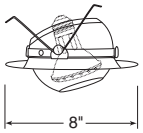
Cylinder Spotlight in Baffle

Catalog #	Description	Max. Lamp Rating
226W-WH	White Cylinder Adjustable with White Baffle, White Trim	60W PAR16
226B-WH	Black Cylinder Adjustable with Black Baffle, White Trim	



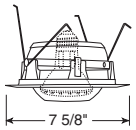
R/PAR20 Regressed Eyeball

Catalog #	Description	Max. Lamp Rating
228-WH	White Trim	50W PAR20/R20



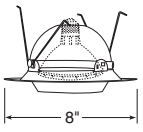
R/PAR20 Regressed Eyeball in Baffle

Catalog #	Description	Max. Lamp Rating
248W-WH	White Baffle, White Trim	50W PAR20/R20



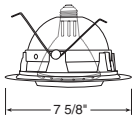
PAR/BR30 Regressed Eyeball

Catalog #	Description	Max. Lamp Rating
229-ABZ	Classic Aged Bronze Trim	75W PAR30L, 65W BR30
229-BL	Black Trim	
229-SC	Satin Chrome Trim	
229-WH	White Trim	



PAR/BR30 Regressed Eyeball in Baffle

Catalog #	Description	Max. Lamp Rating
249W-WH	White Baffle, White Trim	75W PAR30L, 65W BR30
249B-WH	Black Baffle, White Trim	



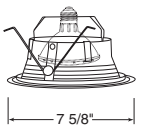
Adjustables (cont)

PAR30 Adjustable Tapered Baffle

Catalog #	Description
264W-WH	White Baffle, White Trim
264B-WH	Black Baffle, White Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
50W PAR30
Aperture
5 3/4"

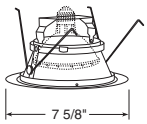


PAR30 Adjustable Tapered Cone

Catalog #	Description
267B-WH	Black Alzak®, White Trim
267C-WH	Clear Alzak®, White Trim
267G-WH	Gold Alzak®, White Trim
267HZ-WH	Haze, White Trim
267WHZ-WH	Wheat Haze, White Trim

*Compatible with TR6, 6" trim ring

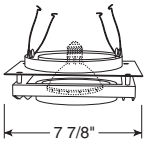
Max. Lamp Rating
50W PAR30
Aperture
4"



AVIO™ Square Gimbal Ring

Catalog #	Description
XR30101BL	Black Trim
XR30101GP	Graphite Trim
XR30101SL	Silver Trim
XR30101WH	White Trim

Max. Lamp Rating
75W PAR30



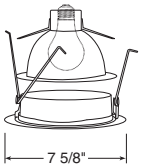
Lensed

Frosted Lens with Reflector

Catalog #	Description
239-WH	Frosted Lens, White Trim

Max. Lamp Rating
40W A19, 35W PAR30L

AIR-LOC Wet Location

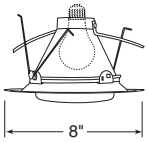


Drop Opal with Reflector

Catalog #	Description
241-PW	Shower/Closet Light, Plastic White
241-WH	White Trim

Max. Lamp Rating
40W A19

AIR-LOC Wet Location

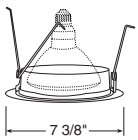


Frosted Lens with Clear Center

Catalog #	Description
242-ABZ	Classic Aged Bronze Trim
242-SC	Satin Chrome Trim
242-WH	White Trim

Max. Lamp Rating
45W PAR38

AIR-LOC Wet Location



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location UL listed for use in wet location.

Decorative

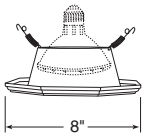
Octagonal

Catalog # 9024W-WH

Description White Octagonal with White Baffle, White Trim

Max. Lamp Rating 50W PAR30/65W BR30

Aperture 5 3/4″



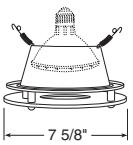
Luminous Disc (Frosted)

Catalog # 9324-SC

Description Satin Chrome Trim

Max. Lamp Rating 50W PAR30/65W BR30

Aperture 3 1/4″



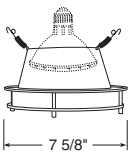
Metal Band

Catalog # 9524-SC

Description Satin Chrome Band, Satin Chrome Trim

Max. Lamp Rating 50W PAR30/75W PAR30L/65W BR30

Aperture 5 7/8″



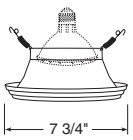
Luminous Collar (Frosted)

Catalog # 9702

Description Clear Etched Collar

Max. Lamp Rating 50W PAR30/75W PAR30L/65W BR30

Aperture 6 3/8″



Description

IC rated, energy efficient Air-Loc® sealed housing • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet location • Wet location listed with the 239, 241 trim • Trims 28 and 29 are wet location approved when used with PAR30/PAR38 outdoor rated lamps • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

Features

- 6" Housing
- Floating socket with spring for quick trim attachment and consistent alignment
- Medium base porcelain socket with nickel-plated copper screw shell
- Shipped with socket cap to protect against paint overspray
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC23 Series

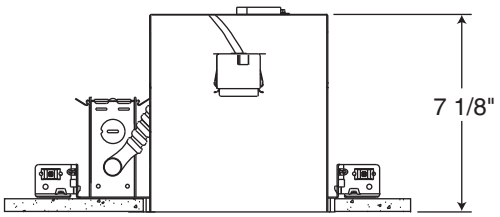
Ordering Information

Catalog No.	Description
IC23 **IC23W**	6" Incandescent housing with floating socket IC23 with push-in electrical connectors for fast, secure installation

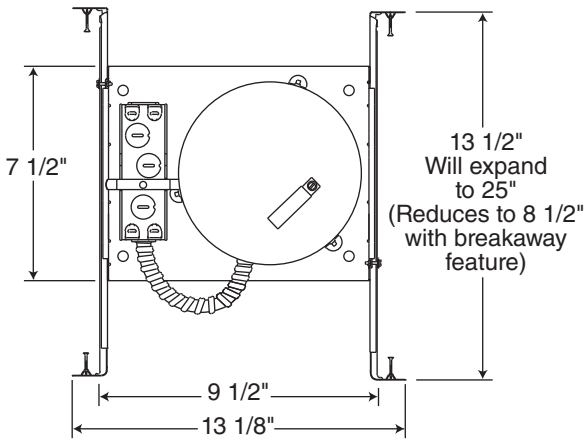
Accessories

Catalog No.	Description
ALG6	Air-Loc® Energy Conserving Gasket for 6" Air-Loc IC housings

Dimensions



6 7/8" Ceiling Cutout



BR/PAR Downlights

Ultra-Trim Baffle-
Fully Enclosed

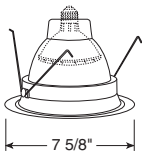
Catalog #	Description
28W-WH	White Baffle, White Trim
28B-WH	Black Baffle, White Trim

IMPORTANT: Wet location listed only with outdoor rated PAR30/38 lamps

Max. Lamp Rating
60W A19, 75W PAR30/30L
65W BR30, 90W PAR38/BR40
Aperture
5 7/8″

AIR-LOC

Wet Location With Outdoor Lamps



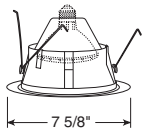
Shallow Baffle

Catalog #	Description
244W-WH	White Baffle, White Trim
244B-WH	Black Baffle, White Trim

*Compatible with TR6, 6″ trim ring

Max. Lamp Rating
65W BR30, 60W PAR30
75W PAR30L
Aperture
5 3/4″

AIR-LOC



Ultra-Trim Cone-
Fully Enclosed

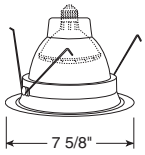
Catalog #	Description
29C-WH	Clear Finish, White Trim
29W-WH	White Finish, White Trim

IMPORTANT: Wet location listed only with outdoor rated PAR30/38 lamps

Max. Lamp Rating
60W A19, 75W PAR30/30L
65W BR30, 90W PAR38/BR40
Aperture
5 7/8″

AIR-LOC

Wet Location With Outdoor Lamps



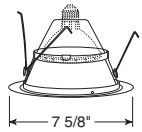
Shallow Cone

Catalog #	Description
247B-WH	Black Alzak®, White Trim
247C-WH	Clear Alzak®, White Trim
247G-WH	Gold Alzak®, White Trim
247HZ-WH	Haze, White Trim
247WHZ-WH	Wheat Haze, White Trim

*Compatible with TR6, 6″ trim ring

Max. Lamp Rating
75W PAR30, 75W PAR30L,
65W BR30
Aperture
5 3/4″

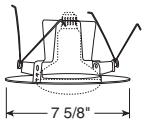
AIR-LOC



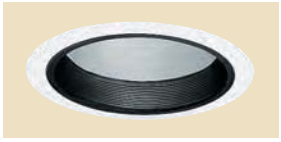
BR30 Open Frame

Catalog #	Description
250-ABZ	Classic Aged Bronze Trim
250-SC	Satin Chrome Trim
250-WH	White Trim

Max. Lamp Rating
65W BR30
Aperture
4″



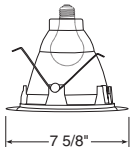
A-Lamp Downlights

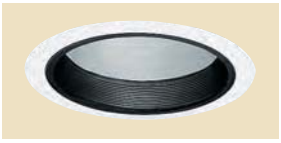


Economy A-Lamp Reflector
with Baffle

Catalog #	Description
230CW-WH	White Baffle, White Trim
230CB-WH	Black Baffle, White Trim

Max. Lamp Rating
40W A19
Aperture
5 1/2″

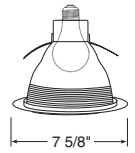




A-Lamp Reflector with Baffle

Catalog #	Description
233C-WH	Clear Alzak® with Black Baffle, White Trim

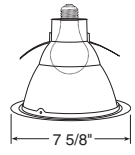
Max. Lamp Rating
40W A19
Aperture
5 7/8″



A-Lamp Reflector

Catalog #	Description
232C-WH	Clear Alzak®, White Trim
232G-WH	Gold Alzak®, White Trim
232HZ-WH	Haze, White Trim
232W-WH	Semi-Gloss White, White Trim
232WHZ-WH	Wheat Haze, White Trim

Max. Lamp Rating
60W A19
Aperture
5 7/8″



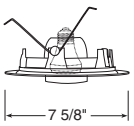
AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location With Outdoor Lamps UL listed for use in wet location.

BR/PAR Adjustables

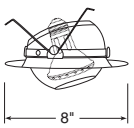
Cylinder Spotlight in Baffle

Catalog #	Description	Max. Lamp Rating
226W-WH	White Cylinder Adjustable with White Baffle, White Trim	60W PAR16
226B-WH	Black Cylinder Adjustable with Black Baffle, White Trim	



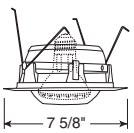
R/PAR20 Regressed Eyeball

Catalog #	Description	Max. Lamp Rating
228-WH	White Trim	50W PAR20/R20



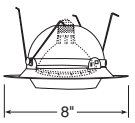
R/PAR20 Regressed Eyeball in Baffle

Catalog #	Description	Max. Lamp Rating
248W-WH	White Baffle, White Trim	50W PAR20/R20



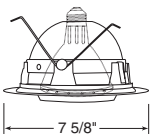
PAR/BR30 Regressed Eyeball

Catalog #	Description	Max. Lamp Rating
229-ABZ	Classic Aged Bronze Trim	75W PAR30L, 65W BR30
229-BL	Black Trim	
229-SC	Satin Chrome Trim	
229-WH	White Trim	



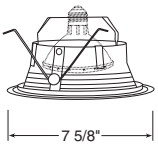
PAR/BR30 Regressed Eyeball in Baffle

Catalog #	Description	Max. Lamp Rating
249W-WH	White Baffle, White Trim	75W PAR30L, 65W BR30
249B-WH	Black Baffle, White Trim	



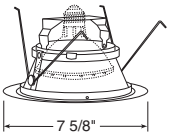
PAR30 Adjustable Tapered Baffle

Catalog #	Description	Max. Lamp Rating
264W-WH	White Baffle, White Trim	50W PAR30
264B-WH	Black Baffle, White Trim	**Aperture**
*Compatible with TR6, 6" trim ring		5 3/4"



PAR30 Adjustable Tapered Cone

Catalog #	Description	Max. Lamp Rating
267B-WH	Black Alzak®, White Trim	50W PAR30
267C-WH	Clear Alzak®, White Trim	**Aperture**
267G-WH	Gold Alzak®, White Trim	4"
267HZ-WH	Haze, White Trim	
267WHZ-WH	Wheat Haze, White Trim	
*Compatible with TR6, 6" trim ring		

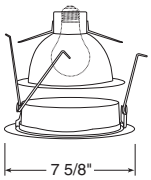


Lensed

Frosted Lens with Reflector

Catalog #	Description	Max. Lamp Rating
239-WH	Frosted Lens, White Trim	40W A19, 35W PAR30L

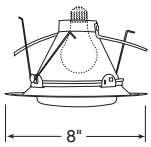
AIR-LOC Wet Location



Drop Opal with Reflector

Catalog #	Description	Max. Lamp Rating
241-PW	Shower/Closet Light, Plastic White	40W A19
241-WH	White Trim	

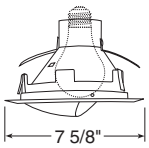
AIR-LOC Wet Location



Wall Wash

Scoop

Catalog #	Description	Max. Lamp Rating
261W-WH	White Baffle, White Trim	40W A19
261B-WH	Black Baffle, White Trim	



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location UL listed for use in wet location.

Description

IC rated, energy efficient Air-Loc® sealed shallow housing is ideal solution where vertical installation space is limited
• Can be completely covered with insulation
• Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 241 trim • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

Features

- 6" Housing
- 5 3/4" height for use in 2 x 6 construction
- Floating socket with spring for quick trim attachment and consistent lamp positioning
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
  • Patented breakaway bars for tight joist spacing
  • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) # 12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC21 Series

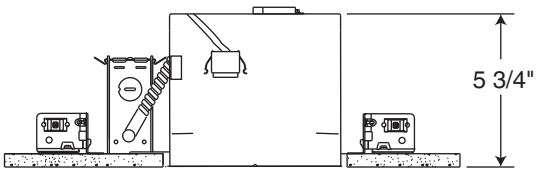
Ordering Information

Catalog No.	Description
IC21	6" Shallow incandescent housing

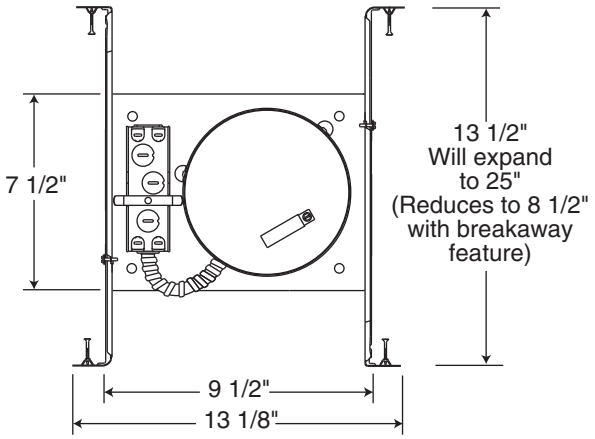
Accessories

Catalog No.	Description
ALG6	Air-Loc® Energy Conserving Gasket for 6" Air-Loc IC housings

Dimensions



6 7/8" Ceiling Cutout



Description

IC rated, energy efficient Air-Loc® sealed remodel shallow housing is ideal solution where vertical installation space is limited • Can be completely covered with insulation • Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 241 trim • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

Features

- 6" Remodel housing
- 5 3/4" height for use in 2 x 6 construction
- Floating socket with spring for quick trim attachment and consistent lamp positioning
- Medium base porcelain socket with nickel-plated copper screw shell
- Adjustable height remodel springs accommodate up to a 1 3/4" ceiling thickness
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC21 Series

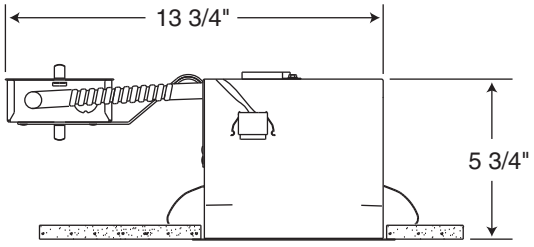
Ordering Information

Catalog No.	Description
IC21R	6" Incandescent remodel housing

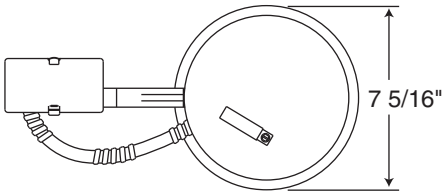
Accessories

Catalog No.	Description
ALG6R	Air-Loc® Energy Conserving Gasket Kit for 6" Air-Loc IC remodel housings

Dimensions



6 3/4" Ceiling Cutout



Downlights

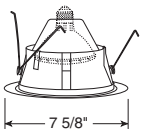
Shallow Baffle

Catalog #	Description
244W-WH	White Baffle, White Trim
244B-WH	Black Baffle, White Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
75W PAR30L, 65W BR30, 50W PAR30
Aperture
5 3/4"

AIR-LOC



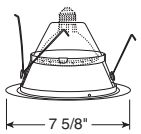
Shallow Cone

Catalog #	Description
247B-WH	Black Alzak®, White Trim
247C-WH	Clear Alzak®, White Trim
247G-WH	Gold Alzak®, White Trim
247HZ-WH	Haze, White Trim
247WHZ-WH	Wheat Haze, White Trim

*Compatible with TR6, 6" trim ring

Max. Lamp Rating
75W PAR30/30L, 65W BR30
Aperture
5 3/4"

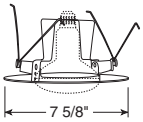
AIR-LOC



BR30 Open Frame

Catalog #	Description
250-ABZ	Classic Aged Bronze Trim
250-SC	Satin Chrome Trim
250-WH	White Trim

Max. Lamp Rating
65W BR30
Aperture
4"

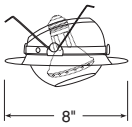


Adjustables

R/PAR20 Regressed Eyeball

Catalog #	Description
228-WH	White Trim

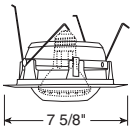
Max. Lamp Rating
50W PAR20/R20



R/PAR20 Regressed Eyeball in Baffle

Catalog #	Description
248W-WH	White Baffle, White Trim

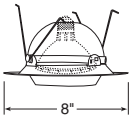
Max. Lamp Rating
50W PAR20/R20



PAR/BR30 Regressed Eyeball

Catalog #	Description
229-ABZ	Classic Aged Bronze Trim
229-SC	Satin Chrome Trim
229-WH	White Trim
229-BL	Black Trim

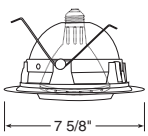
Max. Lamp Rating
75W PAR30L, 65W BR30



PAR/BR30 Regressed Eyeball in Baffle

Catalog #	Description
249W-WH	White Baffle, White Trim
249B-WH	Black Baffle, White Trim

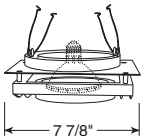
Max. Lamp Rating
75W PAR30L, 65W BR30



AVIO™ Square Gimbal Ring

Catalog #	Description
XR30101BL	AVIO - Black Trim
XR30101GP	AVIO - Graphite Trim
XR30101SL	AVIO - Silver Trim
XR30101WH	AVIO - White Trim

Max. Lamp Rating
75W PAR30



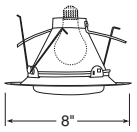
Lensed

Drop Opal with Reflector

Catalog #	Description
241-PW	Shower/Closet Light, Plastic White
241-WH	White Trim

Max. Lamp Rating
40W A19

AIR-LOC Wet Location



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location UL listed for use in wet location.

Down-Lites | IC926LED9G3

6" Standard Slope LED Housing IC Rated

900 Lumen

Description

Dedicated LED, Air-Loc® sealed slope ceiling new construction housing with integral light engine for use in 2/12 to 6/12 pitch slopes (9˚ to 27˚) • IC rated double-wall construction housing can be completely covered with insulation • Fully sealed housing stops infiltration and exfiltration of air, reducing heating and air cooling costs without the use of additional gaskets • LED housing is designed to provide 50,000 hours of life and is compatible with standard Juno trims • Juno's patented Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

• UL listed for through-branch wiring, damp and wet locations • Union made • UL and cUL listed • RoHS compliant • Wet location listed when used with 6330 trim • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select baffle and cone trims • Certified to the high efficiency requirements of California T24-2008 with select trims

Features

- 6" Standard slope LED housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 900 lumens using less than 15W*
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Extruded heat sink and cast aluminum slider plate integrated directly with housing provides superior thermal management to ensure the long life of the LED
- Adjustable slider plate to position LEDs/reflector perpendicular to floor
- Replaceable light engine mounts directly to slider plate and incorporates the latest generation high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Choice of dedicated 120V driver with forward phase and ELV dimming or universal 120-277V driver with 0-10V dimming
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
- Integral T-bar mounting feature for secure installation in suspended ceilings
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL and cUL Listed for through-branch wiring
- Push-in electrical connectors included
- Trim selection follows IC926LED9G3 and IC928LED9G3

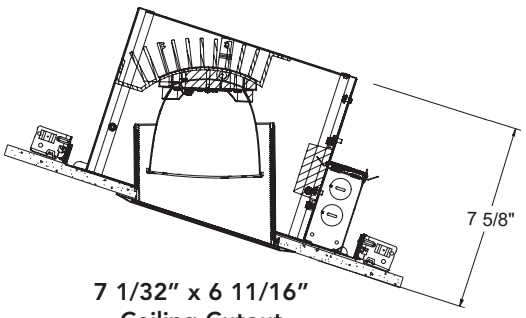
*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

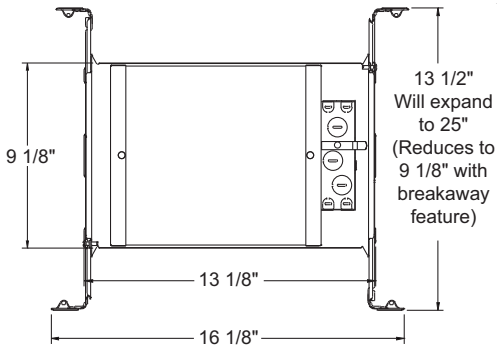
Example: **IC926LED9G3-27K-1**

Catalog No.	Color Temp.		Input Voltage	
IC926LED9G3	**27K**	2700K	**1**	Dedicated 120V Only (Forward Phase and ELV dimming)
	3K	3000K	**U**	Universal Voltage, 120-277V (0-10V dimming)
	35K	3500K		
	41K	4100K		

Dimensions



7 1/32" x 6 11/16"
Ceiling Cutout



Down-Lites | IC928LED9G3

6" Super Slope LED Housing IC Rated

900 Lumen

Description

Dedicated LED, Air-Loc® sealed slope ceiling new construction housing with integral light engine for use in 7/12 to 12/12 pitch slopes (30˚ to 45˚) • IC rated double-wall construction housing can be completely covered with insulation • Fully sealed housing stops infiltration and exfiltration of air, reducing heating and air cooling costs without the use of additional gaskets • LED housing is designed to provide 50,000 hours of life and is compatible with standard Juno trims • Juno's patented Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

• UL listed for through-branch wiring, damp and wet locations • Union made • UL and cUL listed • RoHS compliant • Wet location listed when used with 6033 trim • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select baffle and cone trims • Certified to the high efficiency requirements of California T24-2008 with select trims

Features

- 6" Super slope LED housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 900 lumens using less than 15W*
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Extruded heat sink and cast aluminum slider plate integrated directly with housing provides superior thermal management to ensure the long life of the LED
- Adjustable slider plate to position LEDs/reflector perpendicular to floor
- Replaceable light engine mounts directly to slider plate and incorporates the latest generation high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Choice of dedicated 120V driver with forward phase and ELV dimming or universal 120-277V driver with 0-10V dimming
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction
- Integral T-bar mounting feature for secure installation in suspended ceilings
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL and cUL Listed for through-branch wiring
- Push-in electrical connectors included
- Trim selection follows IC926LED9G3 and IC928LED9G3

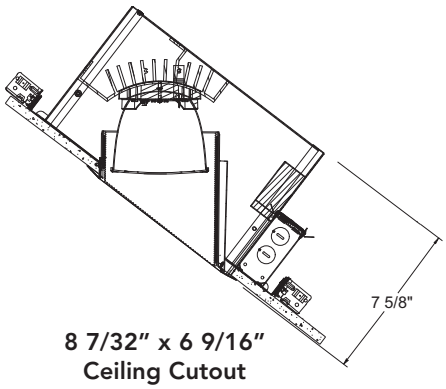
*Nominal input wattage at 120 volt operation with dedicated 120 volt driver under stable operating conditions

Ordering Information

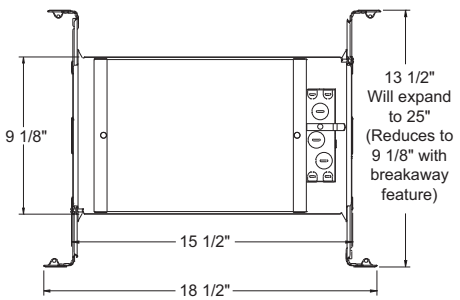
Example: **IC928LED9G3-27K-1**

Catalog No.	Color Temp.		Input Voltage	
IC928LED9G3	**27K**	2700K	**1**	Dedicated 120V Only (Forward Phase and ELV dimming)
	3K	3000K	**U**	Universal Voltage, 120-277V (0-10V dimming)
	35K	3500K		
	41K	4100K		

Dimensions



8 7/32" x 6 9/16"
Ceiling Cutout



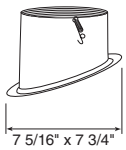
Down-Lites | Trims for IC926LED9G3 & IC928LED9G3

Standard Slope Trims

Downlight Baffle

Catalog #	Description
614W-WH	White Baffle, White Trim
614B-WH	Black Baffle, White Trim
614B-BL	Black Baffle, Black Trim
614B-ABZ	Black Baffle, Classic Aged Bronze Trim
614B-SC	Black Baffle, Satin Chrome Trim

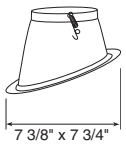
Aperture
5 1/2" x 5 3/4"



Downlight Cone

Catalog #	Description
620C-WH	Clear Alzak®, White Trim
620B-WH	Black Alzak®, White Trim
620HZ-WH	Haze, White Trim
620HZ-SC	Haze, Satin Chrome Trim
620W-WH	White, White Trim
620WHZ-WH	Wheat Haze, White Trim
620WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim

Aperture
5 1/2" x 5 7/8"

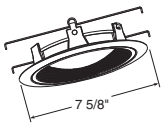


Lensed

Baffle, Regressed Frosted Dome Lens

Catalog #	Description
6330W-WH	White Baffle, White Trim
6330B-WH	Black Baffle, White Trim

Not T24 or ENERGY STAR® compliant.

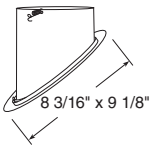


Super Slope Trims

Downlight Baffle

Catalog #	Description
604W-WH	White Baffle, White Trim
604B-WH	Black Baffle, White Trim
604B-BL	Black Baffle, Black Trim
604B-ABZ	Black Baffle, Classic Aged Bronze Trim
604B-SC	Black Baffle, Satin Chrome Trim

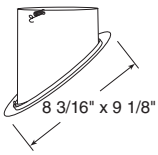
Aperture
5 1/2" x 6 7/8"



Downlight Cone

Catalog #	Description
602B-WH	Black Alzak®, White Trim
602C-WH	Clear Alzak®, White Trim
602HZ-SC	Haze, Satin Chrome Trim
602HZ-WH	Haze, White Trim
602W-WH	White, White Trim
602WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
602WHZ-WH	Wheat Haze, White Trim

Aperture
5 3/4" x 7"

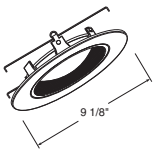


Lensed

Baffle, Regressed Frosted Dome Lens

Catalog #	Description
6033W-WH	White Baffle, White Trim
6033B-WH	Black Baffle, White Trim

Not T24 or ENERGY STAR® compliant.



ENERGY STAR® Qualified

Certified to the high efficiency requirements of California T24-2008

Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

UL listed for use in wet location.

ENERGY STAR® qualification and T24 certification is dependant on trim finish and LED color temperature. See housing spec sheet on **www.junolightinggroup.com** for specific information for each trim.

Description

ICPL, Air-Loc® sealed double-wall new construction housing for use in 2/12 to 6/12 pitch slopes (9° to 27°) • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • Juno's patented Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed for contact with insulation, through-branch wiring, and damp locations • Meets Washington State Air Tight Requirements, IECC • Complies with FCC Part 18 consumer use limits • Complies with California's Title 24 energy code

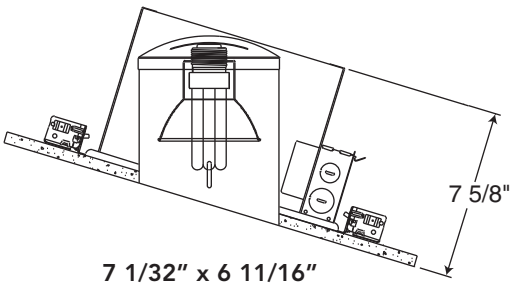
Features

- 6" Standard slope housing
- 120V HPF rapid start electronic FCC Class B ballast with end of life lamp protection
- One 26W, 32W, or 42W triple tube (4-pin) CFL lamp
- Air-Loc® CFL double wall housing does not require separate gasket
- Oblique angle housing design holds trims flush with the ceiling
- Socket mounts to an adjustable plate to accommodate various pitch ceilings
- Supplied with threaded barrel CFL socket
- Inner housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping, patent-pending system permits quick placement of housing anywhere within 24" OC joists or suspended ceiling • Integral T-bar mounting feature and clip secures housing in suspended ceiling grid • Patented break-away bars for tight joist spacing • Bar hanger foot contoured to align to bottom of construction joist • Quick-Loc slot and oversized locking set screw lock fixture in position
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling allows architectural continuity with Aculux® trims
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL listed for through-branch wiring, maximum (8) #12 AWG 90° C branch circuit conductors (4 in, 4 out)
- 2 year warranty
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows ICPL926/28-42 and ICPL926R/28R-32 Series

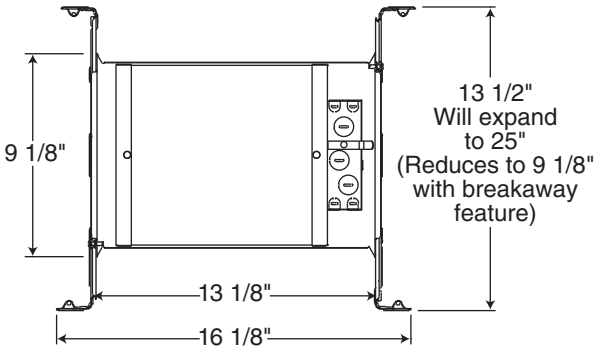
Ordering Information

Catalog No.	Description
ICPL926-42	120V HPF ballast
ICPL926-42-DB120	ICPL926-42 with 120V HPF dimmable ballast – T24 compliant

Dimensions



7 1/32" x 6 11/16"
Ceiling Cutout



Description

ICPL, Air-Loc® sealed remodel housing for use in 2/12 to 6/12 pitch slopes (9° to 27°) • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • Juno's patented Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed for contact with insulation and damp locations
- Meets Washington State Air Tight Requirements, IECC
- Complies with FCC Part 18 consumer use limits
- Complies with California's Title 24 energy code

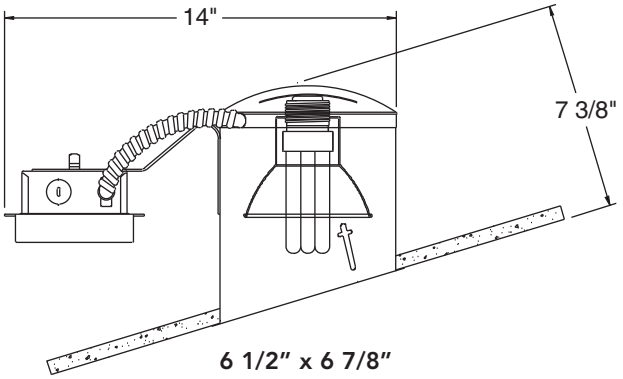
Features

- 6" Standard slope remodel housing
- 120V HPF rapid start electronic FCC Class B ballast with end of life lamp protection
- One 26W or 32W triple tube (4-pin) CFL lamp
- Air-Loc® CFL remodel housing does not require separate gasket
- Oblique angle housing design holds trims flush with the ceiling
- Socket mounts to an adjustable plate to accommodate various pitch ceilings
- Supplied with threaded barrel CFL socket
- Remodel clips accommodate up to a 1 1/4" ceiling thickness
- Pre-wired junction box with six (5) 1/2" knockouts equipped with pryout slots, four (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling allows architectural continuity with Aculux® trims
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- 2 year warranty
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows ICPL926/28-42 and ICPL926R/28R-32 Series

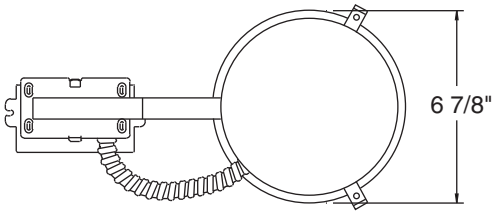
Ordering Information

Catalog No.	Description
ICPL926R-32	120V HPF ballast
ICPL926R-32N-DB120	ICPL926R-32 with 120V NPF dimmable ballast – T24 compliant

Dimensions



6 1/2" x 6 7/8"
Ceiling Cutout



Description

ICPL, Air-Loc® sealed double-wall construction housing for use in 7/12 to 12/12 pitch slopes (30° to 45°) • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • Juno's patented Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed for contact with insulation, through-branch wiring, and damp locations • Meets Washington State Air Tight Requirements, IECC • Complies with FCC Part 18 consumer use limits • Complies with California's Title 24 energy code

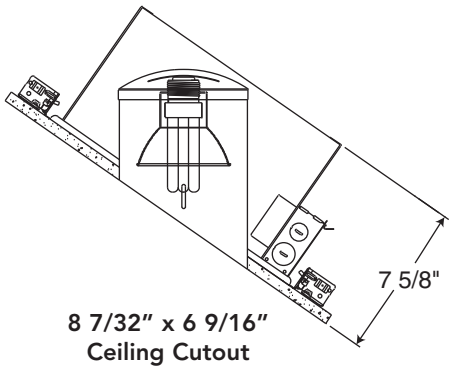
Features

- 6" Super slope housing
- 120V HPF rapid start electronic FCC Class B ballast with end of life lamp protection
- One 26W, 32W, or 42W triple tube (4-pin) CFL lamp
- Air-Loc® CFL double wall housing does not require separate gasket
- Oblique angle housing design holds trims flush with the ceiling
- Socket mounts to an adjustable plate to accommodate various pitch ceilings
- Supplied with threaded barrel CFL socket
- Inner housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping, patent-pending system permits quick placement of housing anywhere within 24" OC joists or suspended ceiling • Integral T-bar mounting feature and clip secures housing in suspended ceiling grid • Patented break-away bars for tight joist spacing • Bar hanger foot contoured to align to bottom of construction joist • Quick-Loc slot and oversized locking set screw lock fixture in position
- Pre-wired junction box with (6) 1/2" and (1) 3/4" knockouts, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling allows architectural continuity with Aculux® trims
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL listed for through-branch wiring, maximum (8) #12 AWG 90° C branch circuit conductors (4 in, 4 out)
- 2 year warranty
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows ICPL926/28-42 and ICPL926R/28R-32 Series

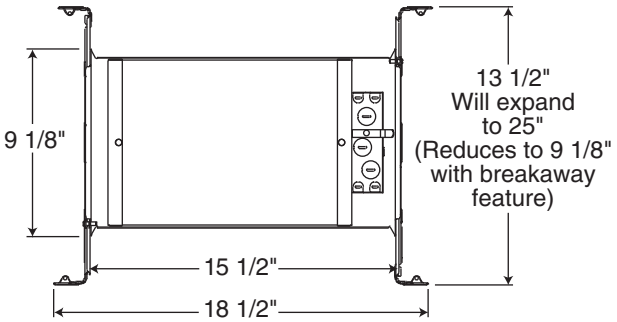
Ordering Information

Catalog No.	Description
ICPL928-42	120V HPF ballast
ICPL928-42-DB120	ICPL928-42 with 120V HPF dimmable ballast – T24 compliant

Dimensions



8 7/32" x 6 9/16"
Ceiling Cutout



Description

ICPL, Air-Loc® sealed remodel housing for use in 7/12 to 12/12 pitch slopes (30° to 45°) • Can be completely covered with insulation • Fully sealed Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs • Juno's patented Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed for contact with insulation and damp locations
- Meets Washington State Air Tight Requirements, IECC
- Complies with FCC Part 18 consumer use limits
- Complies with California's Title 24 energy code

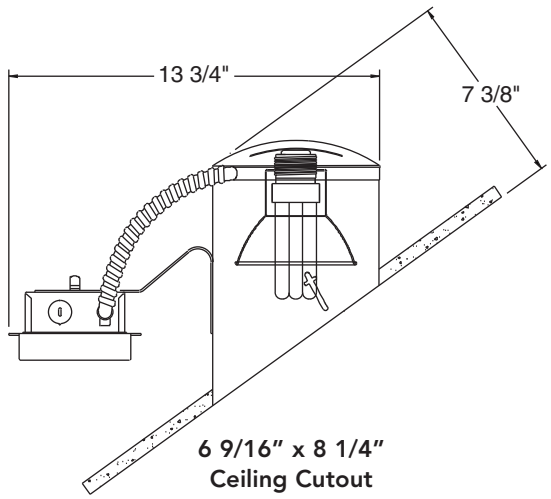
Features

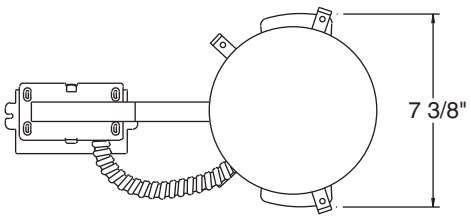
- 6" Super slope remodel housing
- 120V HPF rapid start electronic FCC Class B ballast with end of life lamp protection
- One 26W or 32W triple tube (4-pin) CFL lamp
- Air-Loc® CFL remodel housing does not require separate gasket
- Oblique angle housing design holds trims flush with the ceiling
- Socket mounts to an adjustable plate to accommodate various pitch ceilings
- Supplied with threaded barrel CFL socket
- Remodel clips accommodate up to a 1 1/4" ceiling thickness
- Pre-wired junction box with (5) 1/2" knockouts equipped with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling allows architectural continuity with Aculux® trims
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- 2 year warranty
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows ICPL926/28-42 and ICPL926R/28R-32 Series

Ordering Information

Catalog No.	Description
ICPL928R-32	120V HPF ballast
ICPL928R-32N-DB120	ICPL928R-32 with 120V NPF dimmable ballast – T24 compliant

Dimensions





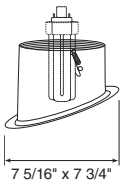
Down-Lites | Trims for ICPL926-42 Series, ICPL926R-32 Series, ICPL928-42 Series & ICPL928R-32 Series

Standard Slope Trims

Downlight Baffle

Catalog #	Description
614W-WH	White Baffle, White Trim
614B-WH	Black Baffle, White Trim
614B-BL	Black Baffle, Black Trim
614B-ABZ	Black Baffle, Aged Bronze Trim
614B-SC	Black Baffle, Satin Chrome Trim

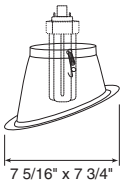
Max. Lamp Rating
ICPL926-42: 42W Max
ICPL926R-32: 32W Max
Aperture
5 1/2" x 5 3/4"



Downlight Reflector Cone

Catalog #	Description
612C-WH	Clear Alzak® Baffle, White Trim
612G-WH	Gold Alzak® Baffle, White Trim
612B-WH	Black Alzak® Baffle, White Trim
612HZ-WH	Haze Baffle, White Trim
612HZ-SC	Haze Baffle, Satin Chrome Trim
612W-WH	White Baffle, White Trim
612WHZ-ABZ	Wheat Haze Baffle, Aged Bronze Trim
612WHZ-WH	Wheat Haze Baffle, White Trim

Max. Lamp Rating
ICPL926-42: 42W Max
ICPL926R-32: 32W Max
Aperture
5 5/8" x 5 7/8"



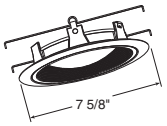
Lensed

Baffle, Regressed
Frosted Dome Lens

Catalog #	Description
6330W-WH	White Baffle, White Trim
6330B-WH	Black Baffle, White Trim

Max. Lamp Rating
ICPL926-42: 32W Max
ICPL926R-32: 26W Max

AIR-LOC Wet Location

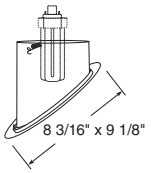


Super Slope Trims

Downlight Baffle

Catalog #	Description
604W-WH	White Baffle, White Trim
604B-WH	Black Baffle, White Trim
604B-BL	Black Baffle, Black Trim
604B-ABZ	Black Baffle, Aged Bronze Trim
604B-SC	Black Baffle, Satin Chrome Trim

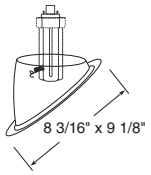
Max. Lamp Rating
ICPL928-42: 42W Max
ICPL928R-32: 32W Max
Aperture
5 1/2" x 6 7/8"



Downlight Reflector Cone

Catalog #	Description
602C-WH	Clear Alzak® Baffle, White Trim
602G-WH	Gold Alzak® Baffle, White Trim
602B-WH	Black Alzak® Baffle, White Trim
602HZ-WH	Haze Baffle, White Trim
602HZ-SC	Haze Baffle, Satin Chrome Trim
602W-WH	White Baffle, White Trim
602WHZ-ABZ	Wheat Haze Baffle, Aged Bronze Trim
602WHZ-WH	Wheat Haze Baffle, White Trim

Max. Lamp Rating
ICPL928-42: 42W Max
ICPL928R-32: 32W Max
Aperture
5 3/4" x 7"



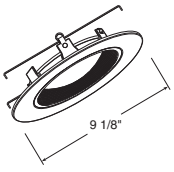
Lensed

Baffle, Regressed
Frosted Dome Lens

Catalog #	Description
6033W-WH	White Baffle, White Trim
6033B-WH	Black Baffle, White Trim

Max. Lamp Rating
ICPL928-42: 32W Max
ICPL928R-32: 26W Max

AIR-LOC Wet Location



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location UL listed for use in wet location.

Description

IC rated, energy efficient Air-Loc® double wall construction housing for use in 2/12 to 6/12 pitch slopes (9° to 27°)
• Can be completely covered with insulation
• Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs • Juno's patented Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 610 trim • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

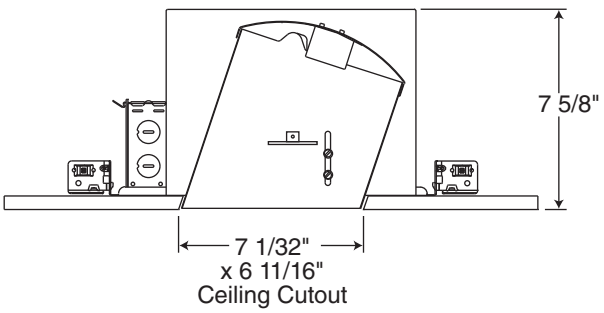
Features

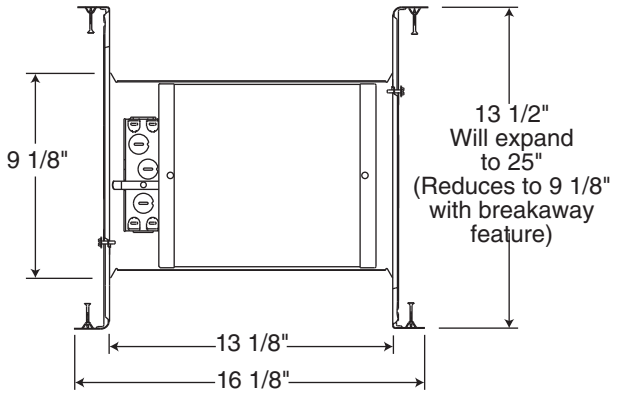
- 6" Standard slope housing (oval)
- Oblique angle housing design holds trims flush with the ceiling
- Adjustable socket plate permits lamp to remain perpendicular to floor through entire pitch range
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
  • Patented break-away bars for tight joist spacing
  • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC926 and TC926 Series

Ordering Information

Catalog No.	Description
IC926	6" Standard slope incandescent housing
IC926W	IC926 with push-in electrical connectors for fast, secure installation

Dimensions





Down-Lites | TC926

6" Standard Slope Incandescent Housing Non-IC Rated

Description

Non-IC rated housing for use in 2/12 to 6/12 pitch slopes (9° to 27°) • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing • Juno's patented Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 610 trim • Conforms with City of Chicago IP requirements

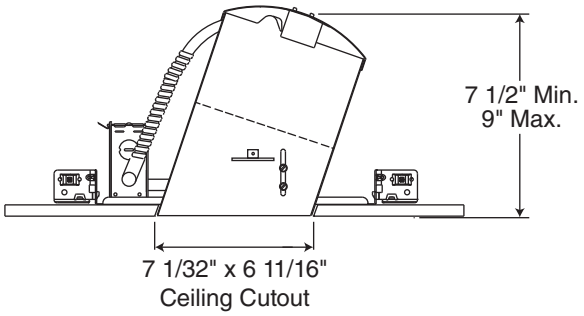
Features

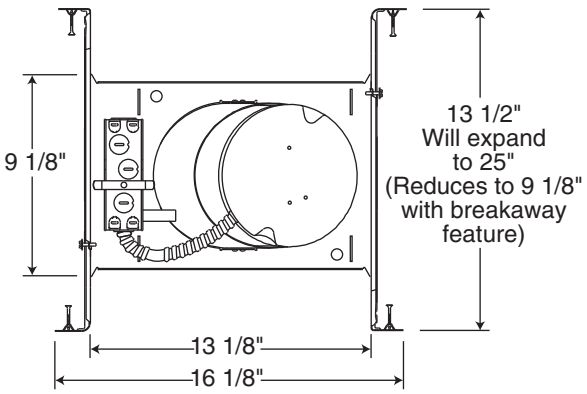
- 6" Standard slope housing (oval)
- Oblique angle housing design holds trims flush with the ceiling
- Adjustable socket plate permits lamp to remain perpendicular to floor through entire pitch range
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented break-away bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC926 and TC926 Series

Ordering Information

Catalog No.	Description
TC926	6" Standard slope incandescent housing

Dimensions





Down-Lites | TC926R

6" Standard Slope Incandescent Remodel Housing Non-IC Rated

Description

Non-IC rated remodel housing for use in 2/12 to 6/12 pitch slopes (9° to 27°) where the back side of the ceiling is not accessible • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing • The Juno patented Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 610 trim • Conforms with City of Chicago IP requirements

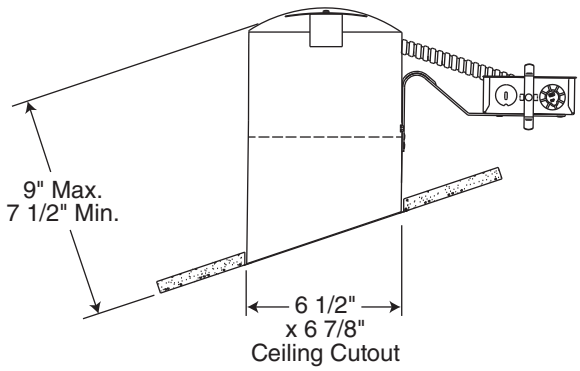
Features

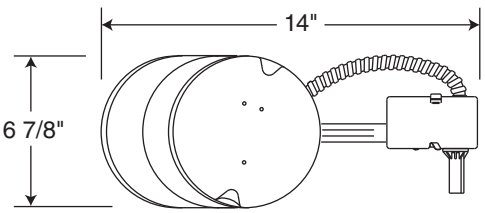
- 6" Standard slope remodel housing (oval)
- Oblique angle housing design holds trims flush with the ceiling
- Adjustable socket plate permits lamp to remain perpendicular to floor through entire pitch range
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Housing is secured in place with factory supplied remodel clips
- Telescoping height for use in 2 x 8 or 2 x 10 construction
- Pre-wired junction box with (4) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC926 and TC926 Series

Ordering Information

Catalog No.	Description
TC926R	6" Standard slope incandescent remodel housing

Dimensions





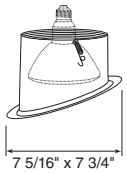
Down-Lites | Trims for IC926 Series, TC926 & TC926R

Downlights

Baffle

Catalog #	Description
614W-WH	White Baffle, White Trim
614B-WH	Black Baffle, White Trim
614B-BL	Black Baffle, Black Trim
614B-ABZ	Black Baffle, Classic Aged Bronze Trim
614B-SC	Black Baffle, Satin Chrome Trim

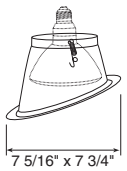
Max. Lamp Rating
IC926: 90W PAR38
TC926: 150W PAR38
Aperture
5 1/2" x 5 3/4"



Cone

Catalog #	Description
612B-WH	Black Alzak®, White Trim
612C-WH	Clear Alzak®, White Trim
612G-WH	Gold Alzak®, White Trim
612HZ-SC	Haze, Satin Chrome Trim
612HZ-WH	Haze, White Trim
612W-WH	White, White Trim
612WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
612WHZ-WH	Wheat Haze, White Trim

Max. Lamp Rating
IC926: 75W PAR30, 90W PAR38, 65W BR30
TC926: 75W PAR30, 150W PAR 38, 85W BR30
Aperture
5 5/8" x 5 7/8"



Adjustables

Cylinder Spotlight in Baffle

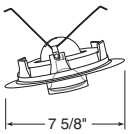
Catalog #	Description
616W-WH	White Cylinder with White Baffle, White Trim
616B-WH	Black Cylinder with Black Baffle, White Trim

Max. Lamp Rating
60W PAR16
Adjustment
45° vertical, 358° rotation

Low Voltage Cylinder Spotlight in Baffle

Catalog #	Description
617W-WH	White Cylinder with White Baffle/ White Bezel and Magnetic Transformer, White Trim

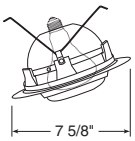
Max. Lamp Rating
IC926: 35W MR16
TC926: 50W MR16
Adjustment
45° vertical, 358° rotation



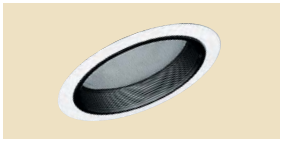
Eyeball in Baffle

Catalog #	Description
619W-WH	White Baffle, White Trim
619B-WH	Black Baffle, White Trim

Max. Lamp Rating
85W BR30
Adjustment
35° vertical, 358° rotation



Lensed

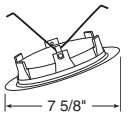


Lensed Shower Trim Flat Diffuser

Catalog #	Description
610W-WH	White Baffle, White Trim
610B-WH	Black Baffle, White Trim

Max. Lamp Rating
IC926: 50W PAR30
TC926: 75W A19, 75W PAR30

Wet Location



Wet Location

UL listed for use in wet location.

Description

IC rated, energy efficient Air-Loc® double wall construction housing for use in 7/12 to 12/12 pitch slopes (30° to 45°)
• Can be completely covered with insulation
• Air-Loc installation stops infiltration and exfiltration of air, reducing heating and cooling costs • The Juno patented Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 603 trim • Washington State IECC and MEC energy codes as tested per ASTM-E283 • Conforms with City of Chicago IP requirements

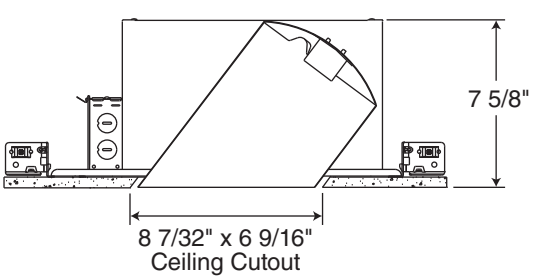
Features

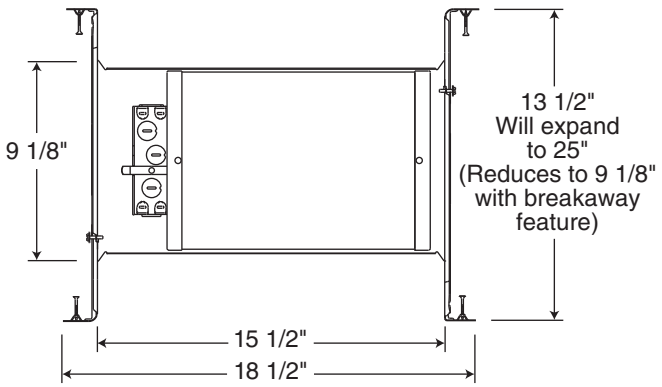
- 6" Super slope housing (oval)
- Oblique angle housing design holds trims flush with the ceiling
- Adjustable socket plate permits lamp to remain perpendicular to floor through entire pitch range
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings
  • Patented break-away bars for tight joist spacing
  • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC928 and TC928 Series

Ordering Information

Catalog No.	Description
IC928	6" Super slope incandescent housing
IC928W	IC928 with push-in electrical connectors for fast, secure installation

Dimensions





Down-Lites | TC928

6" Super Slope Incandescent Housing Non-IC Rated

Description

Non-IC rated housing for use in 7/12 to 12/12 pitch slopes (30° to 45°) • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing • The Juno patented Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 603 trim • Conforms with City of Chicago IP requirements

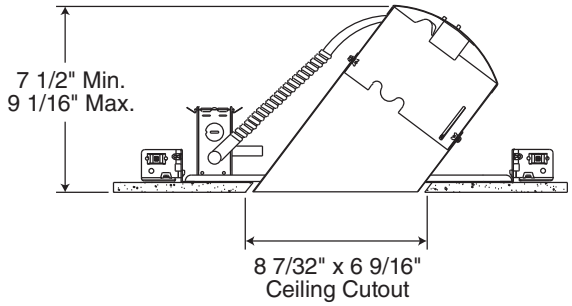
Features

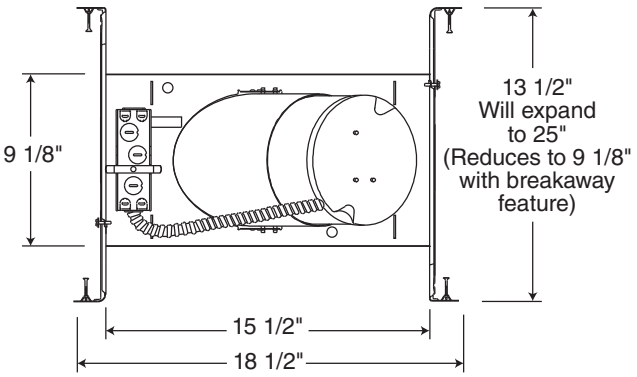
- 6" Super slope housing (oval)
- Oblique angle housing design holds trims flush with the ceiling
- Adjustable socket plate permits lamp to remain perpendicular to floor through entire pitch range
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Integral T-bar mounting feature for secure installation in suspended ceilings • Patented break-away bars for tight joist spacing • Bar hangers may be re-positioned 90° • Curved foot facilitates alignment with joist bottom • Quick-Loc slot and oversized set screw lock fixture in position
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC928 and TC928 Series

Ordering Information

Catalog No.	Description
TC928	6" Super slope incandescent housing

Dimensions





Down-Lites | TC928R

6" Super Slope Incandescent Remodel Housing Non-IC Rated

Description

Non-IC rated remodel housing for use in 7/12 to 12/12 pitch slopes (30° to 45°) where the back side of the ceiling is not accessible • Designed to be installed in non-insulated areas, or where insulation is spaced at least 3" from housing • The Juno patented Slope Ceiling Down-Lites direct light straight down, providing proper lighting from a sloped surface

Listings

UL Listed, C-UL/CSA certified for through-branch wiring, damp and wet locations • Wet location listed with the 603 trim • Conforms with City of Chicago IP requirements

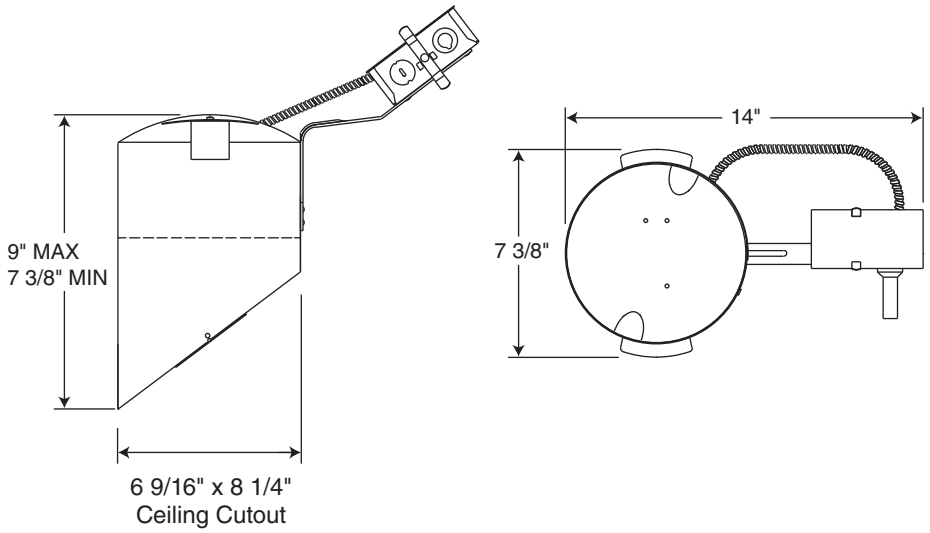
Features

- 6" Super slope remodel housing (oval)
- Oblique angle housing design holds trims flush with the ceiling
- Adjustable socket plate permits lamp to remain perpendicular to floor through entire pitch range
- Medium base porcelain socket with nickel-plated copper screw shell
- Housing is vertically adjustable to accommodate up to a 1" ceiling thickness
- Housing is secured in place with factory supplied remodel clips
- Telescoping height for use in 2 x 8 or 2 x 10 construction
- Pre-wired junction box with (4) 1/2" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Aculux® trims
- Angle-cut baffles ensure grooves remain parallel to the floor to provide proper optics
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG branch circuit conductors (2 in, 2 out)
- Thermally protected against improper use of lamps
- Lamp wattage ratings and apertures based on trim selection. Trim selection follows IC928 and TC928 Series

Ordering Information

Catalog No.	Description
TC928R	6" Super slope incandescent remodel housing

Dimensions

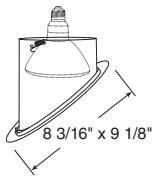


Downlights

Baffle

Catalog #	Description
604W-WH	White Baffle, White Trim
604B-WH	Black Baffle, White Trim
604B-BL	Black Baffle, Black Trim
604B-ABZ	Black Baffle, Classic Aged Bronze Trim
604B-SC	Black Baffle, Satin Chrome Trim

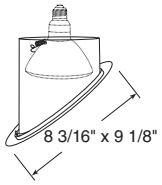
Max. Lamp Rating
IC928: 90W PAR38
TC928: 150W PAR38
Aperture
5 1/2" x 6 7/8"



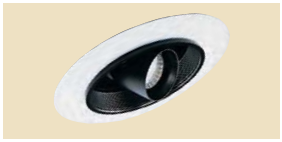
Cone

Catalog #	Description
602B-WH	Black Alzak®, White Trim
602C-WH	Clear Alzak®, White Trim
602G-WH	Gold Alzak®, White Trim
602HZ-SC	Haze, Satin Chrome Trim
602HZ-WH	Haze, White Trim
602W-WH	White, White Trim
602WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
602WHZ-WH	Wheat Haze, White Trim

Max. Lamp Rating
IC928: 75W PAR30, 90W PAR38, 85W BR30
TC928: 75W PAR30, 150W PAR38, 85W BR30
Aperture
5 3/4" x 7"



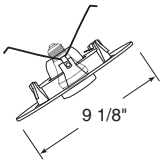
Adjustables



Cylinder Spotlight in Baffle

Catalog #	Description
606W-WH	White Cylinder with White Baffle, White Trim
606B-WH	Black Cylinder with Black Baffle, White Trim

Max. Lamp Rating
60W PAR16

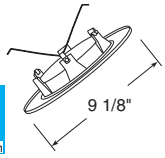


Lensed

Lensed Flat Diffuser

Catalog #	Description
603W-WH	White Trim
603B-WH	White Trim

Max. Lamp Rating
IC928: 50W PAR30
TC928: 75W A19, 75W PAR30



Wet Location
UL listed for use in wet location.

Night Lights/Step Lights | LMS

LED Indoor Mini Step Light IC Rated

ADA Compliant

CUTOFF
(VERTICAL ORIENTATION)

HOOD
(HORIZONTAL ORIENTATION)

LOUVER
(HORIZONTAL ORIENTATION)

MARKER
(VERTICAL ORIENTATION)

Description

The LMS Mini LED step light is designed for installation in indoor wall mount applications using standard junction boxes (not supplied) • IC rated for direct contact with insulating materials • Four distinct optics conceal LEDs and provide unique light distribution patterns • Modular design allows fixture to be mounted in horizontal or vertical orientation • Ideal for residential, theatrical, or commercial applications • Designed to provide 50,000 hours of life

Listings

UL and cUL Listed for damp locations • RoHS compliant

Features

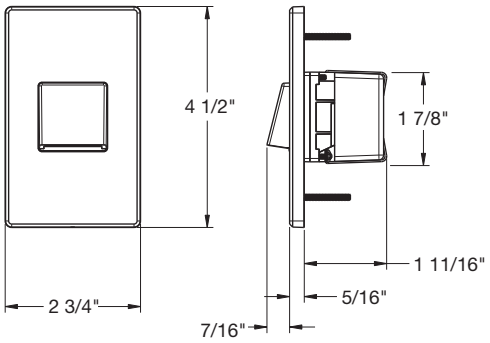
- Miniature LED indoor step light
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Die cast aluminum construction designed for use in IC and Non-IC application
- 3000K and 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- Modular design allows fixture to be mounted in horizontal or vertical orientation
- Available in hood, cutoff, louver, and marker optics to conceal LEDs, and provide four unique light distribution patterns
- Available in plated satin nickel or bronze and textured black or white finishes
- Designed to mount directly in standard junction boxes: 2" x 4" (2 1⁄8" minimum depth) or 4" x 4" (1 1⁄2" minimum depth) fitted with a single-gang plaster ring 5/8" minimum depth
- Utilizes two 1-watt high lumen LEDs
- UL listed for indoor damp locations and through-branch wiring, maximum 4 No. 12 AWG 75° C through branch circuit conductors for 2 x 4 junction box or maximum 8 No. 12 AWG 75° C through branch circuit conductors for 4 x 4 junction box
- Accommodates an input voltage of 120 VAC at 60Hz
- Driver is dimmable with the use of Juno qualified 120V electronic low voltage dimmers

Ordering Information

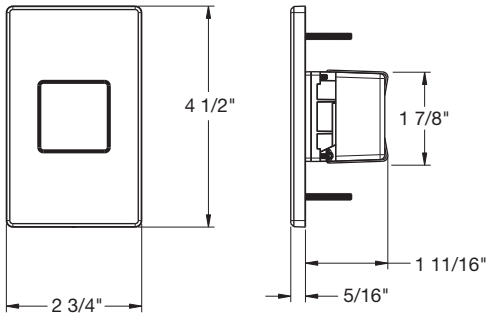
Example: **LMS-3K-L-WH**

Catalog No.	Color Temp.	Optic	Finishes
LMS	**3K** 3000K	**C** Cutoff	**BL** Black, Textured
	41K 4100K	**L** Louver	**WH** White, Textured
		H Hood	**SN** Satin Nickel, Plated
		M Marker	**BZ** Bronze, Plated

Dimensions



HOOD



MARKER, LOUVER, CUTOFF

Note:
Vertical orientation shown. All fixtures can be mounted in vertical or horizontal orientation.

Night Lights/Step Lights | LMSW

LED Outdoor/Wet Location Mini Step Light IC Rated

IP65 | Wet Location | ADA Compliant

CUTOFF
(VERTICAL ORIENTATION)

HOOD
(HORIZONTAL ORIENTATION)

LOUVER
(HORIZONTAL ORIENTATION)

MARKER
(VERTICAL ORIENTATION)

Description

The LMSW Mini LED step light is designed for installation in outdoor or indoor wall mount applications using standard junction boxes (not supplied) • IC rated for direct contact with insulating materials • Four distinct optics conceal LEDs and provide unique light distribution patterns • Modular design allows fixture to be mounted in horizontal or vertical orientation • Ideal for residential or commercial applications • Designed to provide 50,000 hours of life

Listings

UL and cUL Listed for wet locations • IP65 rated • RoHS compliant

Features

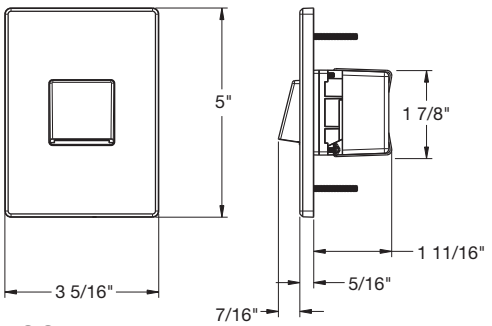
- Miniature LED outdoor step light
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Die cast aluminum construction designed for use in IC and Non-IC application
- 3000K and 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- Modular design allows fixture to be mounted in horizontal or vertical orientation
- Available in hood, cutoff, louver, and marker optics to conceal LEDs, and provide four unique light distribution patterns
- Available in corrosion resistant textured black, white, silver and bronze paint
- Designed to mount directly in standard junction boxes: 2" x 4" (2 1⁄8" minimum depth) or 4" x 4" (1 1⁄2" minimum depth) fitted with a single-gang plaster ring 5/8" minimum depth
- Utilizes two 1-watt high lumen LEDs
- UL listed for wet locations and through-branch wiring, maximum 4 No. 12 AWG 75° C through branch circuit conductors for 2 x 4 junction box or maximum 8 No. 12 AWG 75° C through branch circuit conductors for 4 x 4 junction box
- Accommodates an input voltage of 120 VAC at 60Hz
- Driver is dimmable with the use of Juno qualified 120V electronic low voltage dimmers

Ordering Information

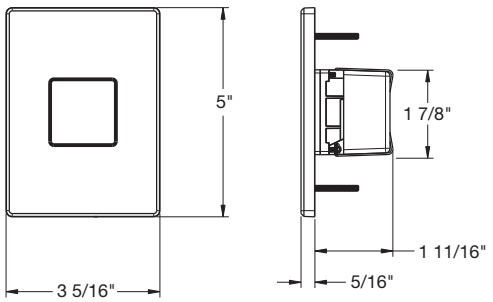
Example: **LMSW-3K-L-WH**

Catalog No.	Color Temp.	Optic	Finishes
LMSW	**3K** 3000K	**C** Cutoff	**BL** Black, Textured
	41K 4100K	**L** Louver	**WH** White, Textured
		H Hood	**SR** Silver, Textured
		M Marker	**BZ** Bronze, Textured

Dimensions



HOOD



MARKER, LOUVER, CUTOFF

Note:
Vertical orientation shown. All fixtures can be mounted in vertical or horizontal orientation.

Night Lights/Step Lights | IC115LED

LED Outdoor Rated Step Light & Trims IC Rated

Description

LED step light is rated for use in outdoor or indoor wall mount applications including concrete pour, brick masonry or drywall • Recessed housing is IC rated and can be completely covered with insulation • Back housing ships separately from power module for rough-in purposes • Designed to provide 50,000 hours of life and is compatible with standard trims

Listings

UL and cUL Listed for wet locations and concrete pour approved • RoHS compliant

Features

- **Housing:** Die cast aluminum housing gasketed for wet location • Housing ships separate from power module for rough-in purposes. Cover plate provided to protect housing during installation • Two mounting brackets for nailing housing to studs • Housing provided with (2) 1/2" conduit compression fittings
- **Power Module:** LED light engine and driver mounted directly to metal tray assembly for ease of wiring and installation into housing after rough-in • Environmentally friendly, energy efficient • No harmful ultraviolet or infrared wavelengths • No lead or mercury • Consumes 6W nominal • Non-dimming driver accommodates input voltage of 120 volts AC at 50/60Hz • High lumen output LEDs binned to ENERGY STAR® standards • 3000K or 4100K color temperatures available • Rated 50,000 hours at 70% lumen maintenance
- **Trims:** Cast aluminum trims supplied with a polycarbonate, opal diffuser • Trims fasten to housing with two allen-head screws • Trim selection shown below

Ordering Information

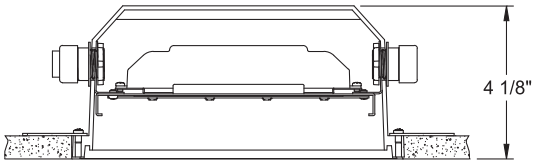
Order housing, power module and trim separately

IC115LEDHSG
Housing

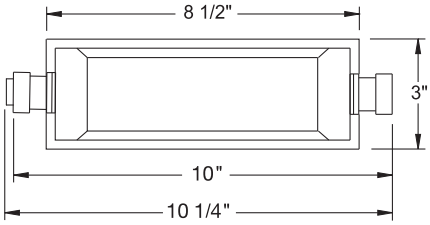
IC115LEDPM
Power Module

Catalog No.	Description
IC115LEDHSG	Back housing
IC115LEDPM-3K	3000K LED color temperature
IC115LEDPM-41K	4100K LED color temperature

Dimensions



9" x 3" Wall Cutout

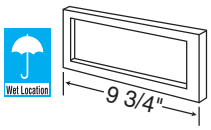


Trims

Opal Lens

Catalog #	Description
835-BL	Black
835-WH	White

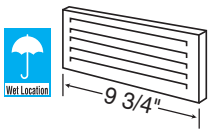
Trim Size:
9 3/4"L x 3 5/8"H



Opal Lens with Grill

Catalog #	Description
836-BL	Black
836-WH	White

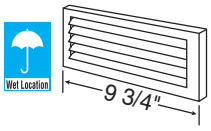
Trim Size:
9 3/4"L x 3 5/8"H



Opal Lens with Angled Louvers

Catalog #	Description
837-BL	Black
837-WH	White

Trim Size:
9 3/4"L x 3 5/8"H



Night Lights/Step Lights | 838LED

LED Outdoor Performance Step Light IC Rated

IP65 | Wet Location | ADA Compliant

Description

Performance LED step light is rated for use in outdoor or indoor wall mount applications including concrete pour, brick masonry or drywall • May be used as LED retrofit for existing Juno PL115 outdoor rated step lights installed in application • Recessed housing is IC rated and can be completely covered with insulation • Back housing ships separately from power module trim for rough-in purposes • Designed to provide 50,000 hours of life

Listings

UL and cUL Listed for wet locations and concrete pour approved • RoHS compliant • UL Listed as LED conversion retrofit for Juno PL115 outdoor rated step light • IP65 rated

Features

- **Housing:** Die cast aluminum housing gasketed for wet location provides IP65 rating • Housing ships separate from power module trim for rough-in purposes. Cover plate provided to protect housing during installation • Two mounting brackets for nailing housing to studs • Housing provided with (2) 1/2" conduit compression fittings
- **Power Module Trim:** LED light engine and driver mounted directly to trim assembly for ease of wiring and installation into housing after rough-in • No harmful ultraviolet or infrared wavelengths • No lead or mercury • Consumes 13W nominal • Environmentally friendly, energy efficient
- **LED Light Engine:** LED PCB utilizes 1 watt high lumen output LEDs binned to ENERGY STAR® standards • 3000K or 4100K color temperatures available
- **LED Driver:** Non-dimming driver accommodates input voltage of 120 volts AC at 50/60Hz • Thermally protected and has integral overload and short circuit protection
- **Trim:** Matte textured diffuser supplied • Fasten to housing with two allen-head screws • Available in textured white, black, bronze or silver corrosion resistant paint on cast aluminum
- **Life:** Rated 50,000 hours at 70% lumen maintenance

Ordering Information

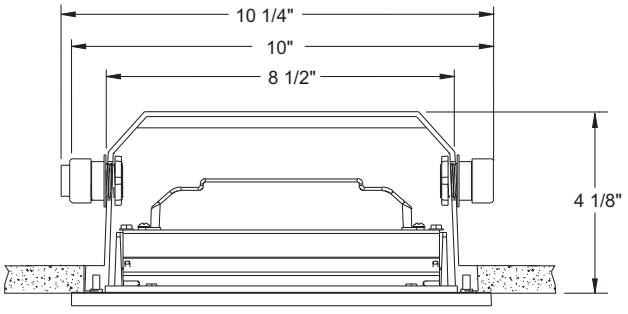
Order housing and power module trim separately

IC115LEDHSG
Housing

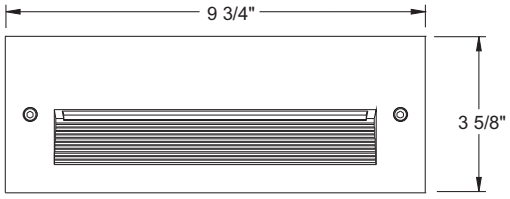
838LED-13
Power Module
Trim 13W

Catalog No.	Description
IC115LEDHSG	Back housing
838LED-13-3K-BL	3000K LED color temperature, textured, black trim
838LED-13-3K-BZ	3000K LED color temperature, textured, bronze trim
838LED-13-3K-SR	3000K LED color temperature, textured, silver trim
838LED-13-3K-WH	3000K LED color temperature, textured, white trim
838LED-13-41K-BL	4100K LED color temperature, textured, black trim
838LED-13-41K-BZ	4100K LED color temperature, textured, bronze trim
838LED-13-41K-SR	4100K LED color temperature, textured, silver trim
838LED-13-41K-WH	4100K LED color temperature, textured, white trim

Dimensions



9" x 3" Wall Cutout



Night Lights/Step Lights | IC113LED

LED Indoor Step/Night Light & Trims IC Rated

Description

LED step light is rated for use in indoor wall mount or ceiling mount applications • Recessed housing is IC rated and can be completely covered with insulation • Designed to provide 50,000 hours of life and is compatible with standard trims

Listings

UL and cUL Listed for damp locations • Union made • RoHS compliant

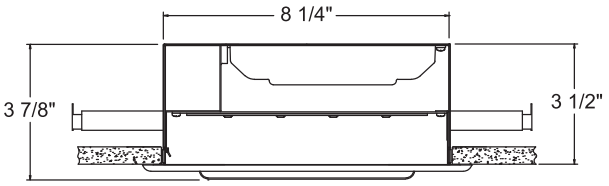
Features

- LED step light ships complete with LED light engine and driver
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Consumes 6W nominal
- Non-dimming driver accommodates input voltage of 120 volts AC at 50/60HZ
- LED PCB mounted to removable tray for easy access to LED driver and junction box
- Utilizes high output LEDs binned to ENERGY STAR® standards
- 3000K and 4100K color temperatures available
- Rated 50,000 hours at 70% lumen maintenance
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nails for easy repositioning of housing in joist construction • Patented breakaway bars for tight joist spacing • Oversized set screw locks fixture into position
- Integral junction box with (3) 1/2" pryout knockouts and ground wire • UL and cUL Listed for No. 12 AWG daisy chain circuit connectors suitable for 90° C permitted in junction box
- Secure trim retention with torsion springs
- Trim selection shown below

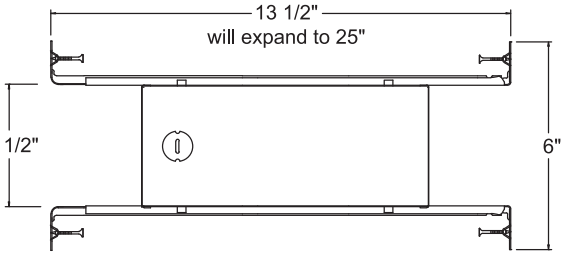
Ordering Information

Catalog No.	Description
IC113LED-3K	3000K LED color temperature
IC113LED-41K	4100K LED color temperature

Dimensions



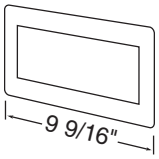
8 3/4" x 3 3/4" Cutout



Trims

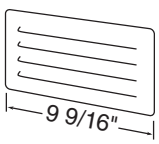
Diffuse Lensed Trim

Catalog #	Description	Trim Size:
104-WH	Diffuse Glass Lens, White Trim	9 9/16"L x 4 7/8"H



Louver Trim

Catalog #	Description	Trim Size
840-WH	Angled Louvers, White Trim	9 9/16"L x 4 7/8"H



Description
IC Rated Step Light/Night Light housing for compact fluorescent lamp • For use indoors in insulated and non-insulated areas

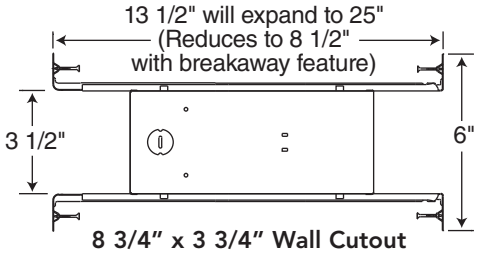
Listings
UL Listed, C-UL/CSA certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements.

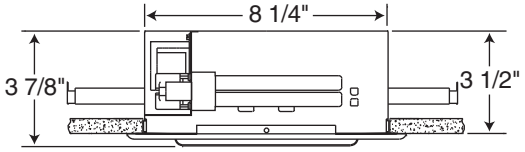
Features
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Patented breakaway bars for tight joist spacing • Bar hangers may be re-positioned 90° • Quick-Loc slot and oversized set screw lock fixture in position
- Pre-wired junction box with (3) 1/2" pryout knockouts and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (4) #12 AWG branch circuit conductors (2 in, 2 out)
- 120V NPF magnetic ballast
- Secure trim retention with torsion springs
- One 7W or 9W twin tube CFL lamp mounted horizontally in fixture
- Trim selection shown below

Ordering Information

Catalog No.	Description
ICPL813	CFL step light/night light housing

Dimensions

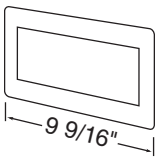




Trims

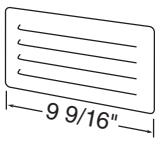
Diffuse Lensed Trim

Catalog #	Description	Max. Lamp Rating
104-WH	Diffuse Glass Lens, White Trim	7W/9W CFL **Trim Size:** 9 9/16"L x 4 7/8"H



Louvered Trim

Catalog #	Description	Max. Lamp Rating
840-WH	Angled Louvers, White Trim	7W/9W 2-pin CFL **Trim Size:** 9 9/16"L x 4 7/8"H



Description

Non IC Step Light housing for compact fluorescent lamp • For use in concrete pour wet locations or non-insulated areas

Listings

UL Listed for wet locations and concrete pour approved • C-UL/CSA certified

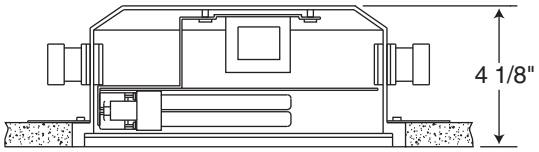
Features

- Die cast aluminum housing gasketed for wet location
- Two mounting brackets for nailing housing to studs
- Junction box with (2) 1/2" compression conduit connections and ground wire
- 120V NPF magnetic ballast
- Cast aluminum trims supplied with a polycarbonate, opal diffuser
- Trims fasten to housing with two allen-head screws
- One 7W or 9W twin tube CFL lamp mounted horizontally in fixture
- Trim selection shown below

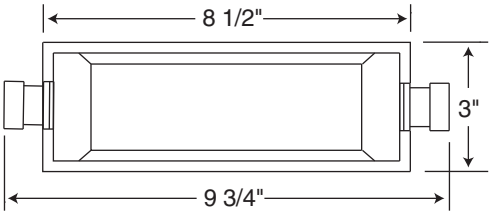
Ordering Information

Catalog No.	Description
PL115	CFL step light housing

Dimensions



8 1/2" x 3" Wall Cutout

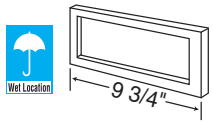


Trims

Opal Lens

Catalog #	Description
835-BL	Black
835-WH	White

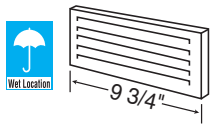
Max. Lamp Rating
7W/9W 2-pin CFL
Trim Size:
9 3/4"L x 3 5/8"H



Opal Lens with Grill

Catalog #	Description
836-BL	Black
836-WH	White

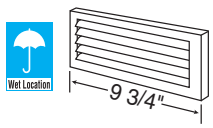
Max. Lamp Rating
7W/9W 2-pin CFL
Trim Size:
9 3/4"L x 3 5/8"H



Opal Lens with Angled Louvers

Catalog #	Description
837-BL	Black
837-WH	White

Max. Lamp Rating
7W/9W 2-pin CFL
Trim Size:
9 3/4"L x 3 5/8"H



Wet Location UL listed for use in wet location.

Description

IC Rated Step Light/Night Light housing for incandescent lamp • For use indoors in insulated and non-insulated areas

Listings

UL Listed, C-UL/CSA certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

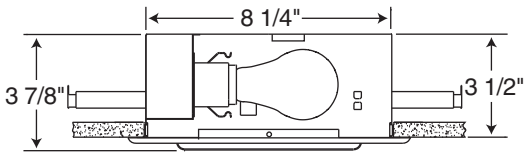
Features

- Medium base porcelain socket with nickel-plated copper screw shell
- Real Nail® 3 bar hangers: telescoping system with pre-installed removable nail for easy repositioning of housing in joist construction • Patented breakaway bars for tight joist spacing • Oversized set screw lock fixture in position
- Housing is fully assembled for ease of installation
- Pre-wired junction box with (3) 1/2" pryout knockouts and ground wire
- UL Listed, C-UL/CSA certified for No. 12 AWG daisy chain circuit connectors suitable for 90°C permitted in junction box
- Thermally protected against improper use of lamps
- Secure trim retention with torsion springs
- Trim selection and A19 wattages shown below

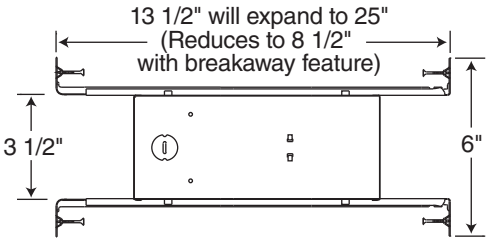
Ordering Information

Catalog No.	Description
ICTC113	Incandescent step light/night light housing

Dimensions



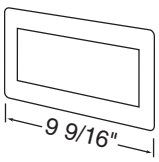
8 3/4" x 3 3/4" Wall Cutout



Trims

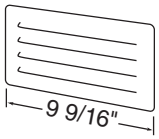
Diffuse Lensed Trim

Catalog #	Description	Max. Lamp Rating
104-WH	Diffuse Glass Lens, White Trim	TC: 40W A19 IC: 25W A19 **Trim Size:** 9 9/16"L x 4 7/8"H



Louver Trim

Catalog #	Description	Max. Lamp Rating
840-WH	Angled Louvers, White Trim	TC: 40W A19 IC: 25W A19 **Trim Size** 9 9/16"L x 4 7/8"H



Description
IC rated, double wall 8" square housing • Can be completely covered with insulation

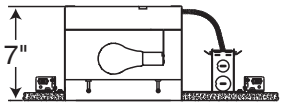
Features
- 8" Square housing
- Accommodates up to 1" ceiling thickness
- Real Nail® 3 bar hangers
- Fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- One 60W A19, horizontally mounted

Listings
UL Listed, C-UL/CSA certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

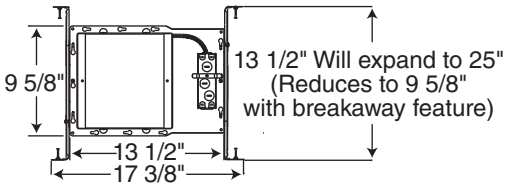
Ordering Information

Catalog No.	Description
IC6	8" Incandescent square housing

Dimensions



8 5/8" sq. Ceiling Cutout



Description
Non-IC rated, 8" square housing • For use in non-insulated areas, or where insulation is spaced at least 3" from housing

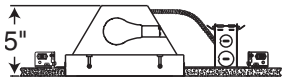
Features
- 8" Square housing
- Accommodates up to 1" ceiling thickness
- Real Nail® 3 bar hangers
- Fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- One 100W A19, horizontally mounted

Listings
UL Listed, C-UL/CSA certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

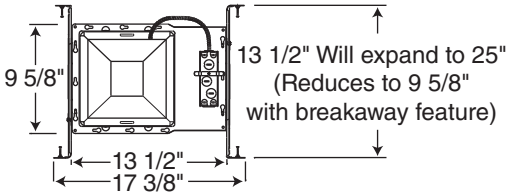
Ordering Information

Catalog No.	Description
TC6	8" Incandescent square housing

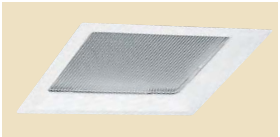
Dimensions



8 5/8" sq. Ceiling Cutout



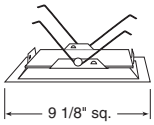
Trim



Crystal Diffuser

Catalog #	Description
60-WH	White Trim

Max. Lamp Rating
IC: 60W A19
TC: 100W A19



Description
IC rated, double wall 10" square housing • Can be completely covered with insulation

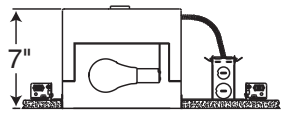
Features
- 10" Square housing
- Accommodates up to 1" ceiling thickness
- Real Nail® 3 bar hangers
- Fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- One 100W A19, horizontally mounted

Listings
UL Listed, C-UL/CSA certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

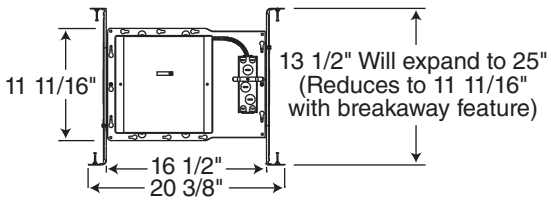
Ordering Information

Catalog No.	Description
IC7	10" Incandescent square housing

Dimensions



10 5/8" sq. Ceiling Cutout



Description
Non-IC rated, 10" square housing • For use in non-insulated areas, or where insulation is spaced at least 3" from housing

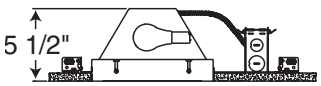
Features
- 10" Square housing
- Accommodates up to 1" ceiling thickness
- Real Nail® 3 bar hangers
- Fully assembled for ease of installation
- Pre-wired junction box with (5) 1/2" and (1) 3/4" knockouts with pryout slots, (4) non-metallic sheathed cable connectors, and ground wire
- UL Listed, C-UL/CSA certified for through-branch wiring, maximum (8) #12 AWG branch circuit conductors (4 in, 4 out)
- One 100W A19 or 150W A21, horizontally mounted

Listings
UL Listed, C-UL/CSA certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

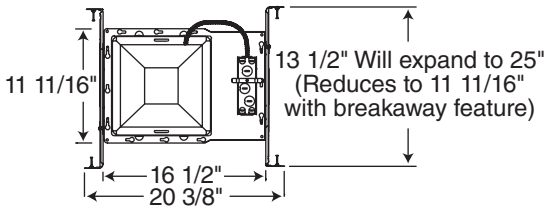
Ordering Information

Catalog No.	Description
TC7	10" Incandescent square housing

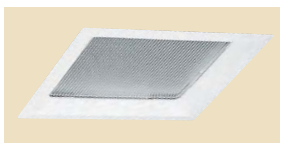
Dimensions



10 5/8" sq. Ceiling Cutout



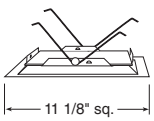
Trims



Crystal Diffuser

Catalog #	Description
70-WH	White Trim

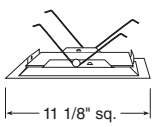
Max. Lamp Rating
IC7: 100W A19
TC7: 100W A19/150W A21



Drop Opal

Catalog #	Description
71-WH	White Trim

Max. Lamp Rating
IC7: 100W A19
TC7: 100W A19/150W A21



4" Housing Accessories

Catalog #
SMPLT-4

Description
4" Housing Locator
Galvanized steel plate for locating remodel style housings in new construction. Screw/nail holes for full coverage between 16" & 24" joists. Features alignment notches, tape measure retention slots and integrated measurement scale for consistent placement.

Catalog #
GU10-WHIP

Description
GU10 Socket Whip
Medium base to GU10 base flexible socket adapter.
For use with IC1 (440, 448 trims), IC1P, TC1, TC1R (10, 440, 445, 446, 448 trims).

Catalog #
4TSA

Description
4" Housing Adaptor
Converts original style 4" housings for optimal retention of push-in style trims. For use in IC1, TC1, TC44, IC44N, TC47 original style housings.

Catalog #
T599

Description
1" Socket Extender

5" Housing Accessories

Catalog #
ALG5

Description
Air-Loc® Energy Conserving Gasket for 5" Air-Loc IC housings

Catalog #
ALG5R

Description
Air-Loc® Energy Conserving Gasket Kit for 5" Air-Loc IC Remodel housings

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Catalog #
SMPLT-5

Description
5" Housing Locator
Galvanized steel plate for locating remodel style housings in new construction. Screw/nail holes for full coverage between 16" & 24" joists. Features alignment notches, tape measure retention slots and integrated measurement scale for consistent placement.

Catalog #

TR5-ABZ
TR5-BL
TR5-SC
TR5-WH

Description
5" trim ring compatible with 203, 204, 205, 206, 207 trims.
Classic Aged Bronze
Black
Satin Chrome
White

6" Housing Accessories

Catalog #	Description
ALG6	Air-Loc® Energy Conserving Gasket for 6" Air-Loc IC housings

Catalog #	Description
ALG6R	Air-Loc® Energy Conserving Gasket Kit for 6" Air-Loc IC Remodel housings

Catalog #	Description
ALG926	Air-Loc® Energy Conserving Gasket for IC926

Catalog #	Description
ALG928	Air-Loc® Energy Conserving Gasket for IC928

Catalog #	Description
	6" trim ring compatible with 24, 25, 26, 27, 244, 247, 254, 257, 264, 267, 9900 trims.
TR6-ABZ	Classic Aged Bronze
TR6-BL	Black
TR6-SC	Satin Chrome
TR6-WH	White

Catalog #	Description
VB-6	Vapour Barrier Extender. For joists spaced 16" on center. For use with Air-Loc® IC housings: IC1, IC1P, IC44N, IC20, IC20R, IC20N, IC25, IC25R, IC20LED Series, IC2, IC21, IC21R, IC22, IC22R, IC22LED Series, IC23, IC6, ICPL Series, all slope ceiling housings. For joists spaced 24" on center, compatible with IC1, IC20, IC20R, IC20RLEDG2, IC20N, IC21, IC21R, IC22, IC22R, IC22RLEDG2, IC23, IC25, IC25R, ICPL remodel housings.

Catalog #	Description
VB-6L	Large Vapour Barrier Extender. For joists spaced 24" on center. For use with Air-Loc® IC housings: IC1, IC1P, IC2, IC20, IC20R, IC20LED Series, IC20N, IC21, IC21R, IC22, IC22R, IC22LED Series, IC23, IC25, IC25R, IC44N, IC6, IC7, IC926, IC926LED Series, IC928, IC928LED Series, ICPL413E, ICPL413RE, ICPL418E, ICPL418RE, ICPL426E, ICPL513E, ICPL513RE, ICPL518E, ICPL518RE, ICPL526E, ICPL526RE, ICPL613E, ICPL618E, ICPL618RE, ICPL626E, ICPL626RE, ICPL632E, ICPL926-42, ICPL926R-32, ICPL928-42, ICPL928R-32

Accessories

LED Accessories

Catalog #
LEDOPTICG3-M
LEDOPTICG3-N
LEDOPTICG3-S

Description
LED Optics.
Field installable optic accessory to provide alternate optic packages for 5″ and 6″ G3 LED downlights and eyeball retrofit trim modules. Not for use with wall wash trims.
Medium Flood Optic – 50˚ beam
Narrow Flood Optic – 37˚ beam
Spot Optic – 10˚ beam

Note: Recommend using only medium with WarmDim

Catalog #
RP-JLEDRETRO-WHIP

Description
LED Retrofit Socket Whip.
Screws into medium-base housings, then quick connects to Juno LED modules for lightning-fast retrofits.

Trim Replacement Glass

Catalog #
G11

Description
4″ Drop Opal Glass for trim 11-WH

Catalog #
G20-240

Description
6″ Albalite Glass for trims 20, 240 Series

Catalog #
G21-241

Description
6″ Drop Opal Glass for trims 21, 241 Series

Catalog #
G60

Description
7″ sq. Crystal Diffuser for trim 60-WH

Catalog #
G61

Description
7″ sq. Drop Opal Glass for trim 60-WH

Catalog #
G70

Description
9″ sq. Crystal Diffuser for trim 70-WH

Catalog #
G71

Description
9″ sq. Drop Opal for trim 70-WH

Miscellaneous Parts

Catalog #
G24

Description
1 pair, coil springs

Catalog #
G92

Description
Goof plate for all 6 5/8" dia. trims
Compatible with trims 224, 226, 230, 248, 249, 427, 458, 464, 467, 610, 616, 617, 619, 6330, 20, 21, 22, 220, 228, 229, 240, 241

Catalog #
G93

Description
Oversize trim ring for 7 5/8" dia. trims
Compatible with trims 244, 247, 24, 254, 257, 25, 264, 267, 26, 27, 424, 9900, 625, 626, 696, 697, 698

Catalog #
G94

Description
Remodel clips-use w/remodel housings only
(Certain housings only)

Catalog #
G99

Description
2" Porcelain socket extender

JUNO

Down-Lites | TC920LEDG3

5" LED Downlight Housing Non-IC Rated

900 Lumen

Description

Non-IC dedicated LED new construction housing with integral light engine • TC housing designed to be installed in non-insulated areas where insulation is spaced at least 3" from all sides of the housing and junction box • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 210N, 212N, 2130 and 5101 trims • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select trims • Certified to the high efficiency requirements of California T24-2008 with select trims

Features

- 5" Commercial LED housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 900 lumens using less than 18W
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing and incorporates the latest generation high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high-transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic provided as standard
- Universal voltage driver that accommodates input voltage from 120-277 volts AC at 50/60Hz is standard and is dimmable with the use of most 0-10V dimmers
- Optional Lutron Hi-Lume® A-Series driver accommodates 120-277 volts AC at 50/60Hz
- Housing is vertically adjustable to accommodate up to a 1 1/4" ceiling thickness
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- Pre-wired junction box with (5) ½" and (1) ¾" knockouts and ground wire
- UL and cUL listed for through-branch wiring, maximum (8) #12 AWG 90° C branch circuit conductors (4 in, 4 out)
- Trim selection follows TC920LEDG3 Series

Ordering Information

Example: **TC920LEDG3-27K-UBR**

Catalog No.	Color Temp.	Input Voltage	Options
TC920LEDG3	**27K** 2700K	**U** Universal Voltage, 120-277V (0-10V dimming)	**BR** Emergency Battery Back-up w/ Remote Switch
	3K 3000K		
	35K 3500K		
	41K 4100K	**L** Lutron Hi-Lume Dimmable Driver	**CP** Chicago Plenum

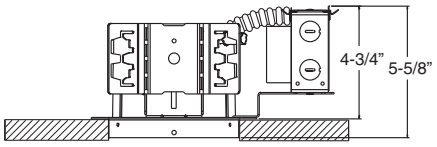
Accessories

Catalog No.	Description
HB-1	Adjustable 13 1/2" - 25" Real Nail® Bar Hangers (Set of 2)
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)

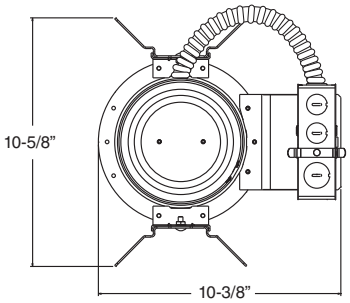
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



5 5/8" Ceiling Cutout



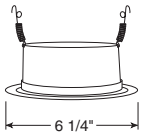
Downlights

Downlight Cone

Catalog #	Description
204C-WH	Clear Alzak®, White Trim
204G-WH	Gold Alzak®, White Trim
204B-WH	Black Alzak®, White Trim
204PT-SC	Pewter Alzak®, Satin Chrome Trim
204W-WH	Gloss White, White Trim
204HZ-WH	Haze, White Trim
204WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
204WHZ-WH	Wheat Haze, White Trim

Compatible with TR5, 5" trim ring

Aperture
4 3/8"

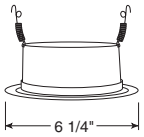


Downlight Baffle

Catalog #	Description
205W-WH	White Baffle, White Trim
205B-WH	Black Baffle, White Trim
205B-ABZ	Black Baffle, Classic Aged Bronze Trim
205B-SC	Black Baffle, Satin Chrome Trim

Compatible with TR5, 5" trim ring

Aperture
4 3/8"

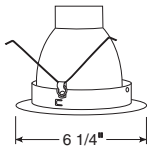


Lensed

Flat Glass Shower Trim*

Catalog #	Description
210N-ABZ	Classic Aged Bronze Trim
210N-SC	Satin Chrome Trim
210N-WH	White Trim

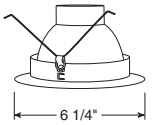
* Do not use reflector shipped with trim for LED housing Recycle reflector.



Frosted Lens with Clear Center*

Catalog #	Description
212N-ABZ	Perimeter Frosted Lens, Classic Aged Bronze Trim
212N-SC	Perimeter Frosted Lens, Satin Chrome Trim
212N-WH	Perimeter Frosted Lens, White Trim

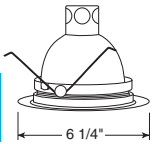
* Do not use reflector shipped with trim for LED housing Recycle reflector.



Baffle, Regressed Frosted Dome Lens*

Catalog #	Description
2130W-WH	White Baffle, White Trim
2130B-WH	Black Baffle, White Trim

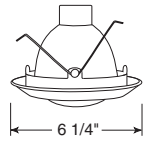
* Do not use reflector shipped with trim for LED housing Recycle reflector.



Beveled Frame, Frosted Dome Lens*

Catalog #	Description
5101-ABZ	Classic Aged Bronze Trim
5101-SC	Satin Chrome Trim
5101-WH	White Trim

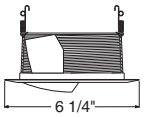
* Do not use reflector shipped with trim for LED housing Recycle reflector.



Wall Wash

Scoop

Catalog #	Description
213G3W-WH	White Baffle, White Trim
213G3B-WH	Black Baffle, White Trim



ENERGY STAR® Qualified

Certified to the high efficiency requirements of California T24-2008

Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

UL listed for use in wet location.

ENERGY STAR® qualification and T24 certification is dependant on trim finish and LED color temperature. See housing spec sheet on **www.junolightinggroup.com** for specific information for each trim.

Down-Lites | TC922LEDG3

6" LED Downlight Housing Non-IC Rated

900 Lumen

Description

Non-IC dedicated LED new construction housing with integral light engine • TC housing designed to be installed in non-insulated areas where insulation is spaced at least 3" from all sides of the housing and junction box • LED housing is designed to provide 50,000 hours of life and is compatible with many standard Juno trims

Listings

UL listed for through-branch wiring, damp and wet locations • UL and cUL • RoHS compliant • Wet location listed when used with 20, 21, 22, 239, 242, 243, 2330 and 6101 trims • ENERGY STAR® Qualified to luminaires V1.1 requirements when used with select trims • Certified to the high efficiency requirements of California T24-2008 with select trims

Features

- 6" Commercial LED housing
- Environmentally friendly, energy efficient
  - No harmful ultraviolet or infrared wavelengths
  - No lead or mercury
- Over 900 lumens using less than 18W
- 2700K, 3000K, 3500K or 4100K color temperatures available
- Rated for 50,000 hours at 70% lumen maintenance
- LED attached to high purity aluminum, thermally conductive housing provides superior heat transfer to ensure long LED life
- Replaceable light engine mounts directly to housing and incorporates the latest generation high lumen output LED array
- Computer-optimized internal reflector with high reflectance finish coupled with a high-transmission diffusing lens conceals the LEDs and produces uniform aperture luminance
- Wide flood optic provided as standard
- Universal voltage driver that accommodates input voltage from 120-277 volts AC at 50/60Hz is standard and is dimmable with the use of most 0-10V dimmers
- Optional Lutron Hi-Lume® A-Series driver accommodates 120-277 volts AC at 50/60Hz
- Housing is vertically adjustable to accommodate up to a 1-1/4" ceiling thickness
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- Pre-wired junction box with (5) ½" and (1) ¾" knockouts and ground wire
- UL and cUL listed for through-branch wiring, maximum (8) #12 AWG 90° C branch circuit conductors (4 in, 4 out)
- Trim selection follows TC922LEDG3 Series

Ordering Information

Example: **TC922LEDG3-27K-UBR**

Catalog No.	Color Temp.	Input Voltage	Options
TC922LEDG3	**27K** 2700K	**U** Universal Voltage, 120-277V (0-10V dimming)	**BR** Emergency Battery Back-up w/ Remote Switch
	3K 3000K		
	35K 3500K		
	41K 4100K	**L** Lutron Hi-Lume Dimmable Driver	**CP** Chicago Plenum

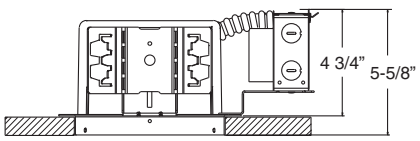
Accessories

Catalog No.	Description
HB-1	Adjustable 13 1/2" - 25" Real Nail® Bar Hangers (Set of 2)
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)

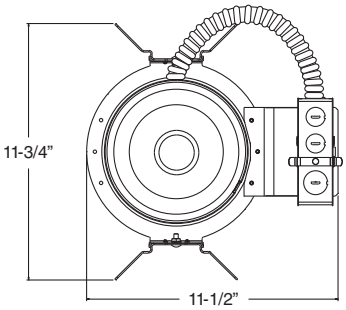
LED Optics

Catalog No.	Description
LEDOPTICG3-M	Medium Flood Optic (50°)
LEDOPTICG3-N	Narrow Flood Optic (37°)
LEDOPTICG3-S	Spot Optic (10°)

Dimensions



6 7/8" Ceiling Cutout



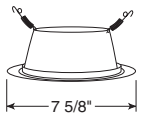
Downlights

Tapered Downlight Baffle

Catalog #	Description
24W-WH	White Baffle, White Trim
24B-WH	Black Baffle, White Trim
24B-BL	Black Baffle, Black Trim
24B-ABZ	Black Baffle, Classic Aged Bronze Trim
24B-SC	Black Baffle, Satin Chrome Trim

Compatible with TR6, 6" trim ring

Aperture
5 3/4"

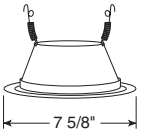


Tapered Downlight Cone

Catalog #	Description
27B-WH	Black Alzak®, White Trim
27C-WH	Clear Alzak®, White Trim
27G-WH	Gold Alzak®, White Trim
27HZ-WH	Haze, White Trim
27PT-SC	Pewter Alzak®, Satin Chrome Trim
27W-WH	Gloss White, White Trim
27WHZ-ABZ	Wheat Haze, Classic Aged Bronze Trim
27WHZ-WH	Wheat Haze, White Trim

Compatible with TR6, 6" trim ring

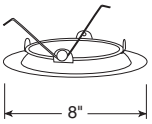
Aperture
5 3/4"



Lensed

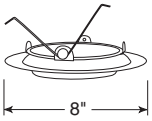
Albalite

Catalog #	Description
20-PW	Shower/Closet Light, Plastic White
20-WH	White Trim



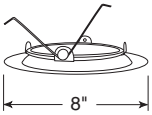
Drop Opal

Catalog #	Description
21-PW	Shower/Closet Light, Plastic White
21-WH	White Trim



Fresnel

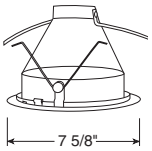
Catalog #	Description
22-WH	White Trim



Frosted Lens*

Catalog #	Description
239-WH	Frosted Lens, White Trim

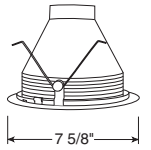
* Do not use reflector shipped with trim for LED housing Recycle reflector.



Baffle, Regressed Frosted Dome Lens*

Catalog #	Description
2330W-WH	White Baffle, White Trim
2330B-WH	Black Baffle, White Trim

* Do not use reflector shipped with trim for LED housing Recycle reflector.



ENERGY STAR® Qualified

Certified to the high efficiency requirements of California T24-2008

Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

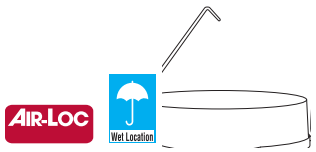
UL listed for use in wet location.

ENERGY STAR® qualification and T24 certification is dependant on trim finish and LED color temperature. See housing spec sheet on **www.junolightinggroup.com** for specific information for each trim.

Lensed Cont.

Frosted Lens with Clear Center

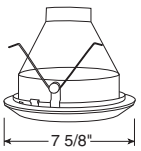
Catalog #	Description
242-ABZ	Classic Aged Bronze Trim
242-SC	Satin Chrome Trim
242-WH	White Trim



Beveled Frame, Frosted Dome Lens*

Catalog #	Description
6101-ABZ	Classic Aged Bronze Trim
6101-SC	Satin Chrome Trim
6101-WH	White Trim

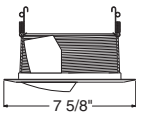
* Do not use reflector shipped with trim for LED housing Recycle reflector.



Wall Wash

Scoop

Catalog #	Description
262G3W-WH	White Baffle, White Trim
262G3B-WH	Black Baffle, White Trim

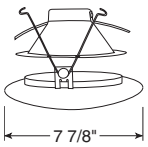


Decorative

Decorative Swirled Etched Opal Glass*

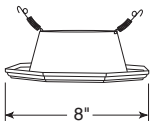
Catalog #	Description
243-WH	Opal Glass

* Do not use reflector shipped with trim for LED housing Recycle reflector.



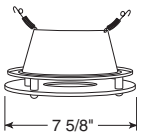
Octagonal

Catalog #	Description	Aperture
9024W-WH	White Octagonal with White Baffle, White Trim	5 3/4"



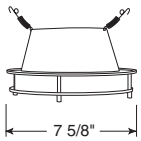
Luminous Disc (Frosted)

Catalog #	Description	Aperture
9324-SC	Satin Chrome Trim	3 1/4"



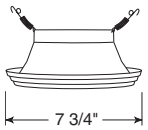
Metal Band

Catalog #	Description	Aperture
9524-SC	Satin Chrome Band, Satin Chrome Trim	5 7/8"



Luminous Collar (Frosted)

Catalog #	Description	Aperture
9702	Clear Etched	6 3/8"



AIR-LOC Juno IC housings meet IECC Air-Loc® Code requirements per ASTM E283. Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

Wet Location UL listed for use in wet location.

Description
Vertical lamp design provides uniform light distribution with very good brightness control

Features
- Low iridescent clear specular reflector
- White polycarbonate trim ring
- Vented extruded aluminum socket housing maximizes lamp life and performance
- 120/277 universal voltage on electronic ballasts
- Open and baffled multipliers and single wall wash reflectors are interchangeable with common rough-in housing
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- UL/CSA Listed for feed through and damp locations

Rough-In
Ordering Example: **CV6-126Q-DB120**

Catalog No.	Lamp	Ballast	Options (add as suffix)
CV6-118T	18W Triple, 4-Pin	120/277V HPF Electronic	**347** - 347 Volt*
CV6-126Q	26W Quad, 4-Pin	120/277V HPF Electronic	**DB120** - 120 Volt Dimming Ballast*
CV6-126/32T	26-32W Triple, 4-Pin	120/277V HPF Electronic	**DB277** - 277 Volt Dimming Ballast*

*Only for electronic ballast models.

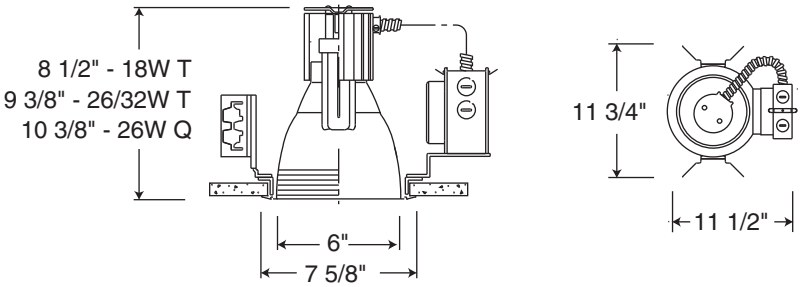
Reflector
Ordering Example: **600C-WH**

	Catalog No.	Description
	600C-WH	Open Multiplier, Low Iridescent Specular Clear w/White Trim Ring
	600C-WWS-WH	Open Multiplier w/Kicker Wall Wash, Low Iridescent Specular Clear w/White Trim Ring
	601B-WH	Black Baffled Multiplier, Specular Clear w/White Trim Ring
	601W-WH	White Baffled Multiplier, Specular Clear w/White Trim Ring

Accessories
Ordering Example: **HB-1**

Catalog No.	Description
PLK-E	Emergency Lighting Field Conversion Kit for electronically ballasted 13-42W CFL Fixtures
PLK-M	Emergency Lighting Field Conversion Kit for magnetically ballasted 13-26W CFL Fixtures
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
HB-1	Adjustable 13 1/2"- 25" Real Nail® 3 Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)

Dimensions



6 7/8" Ceiling Cutout

Description

Vertical lamp design provides uniform light distribution with very good brightness control

Features

- Low iridescent clear specular reflector
- White polycarbonate trim ring
- Vented extruded aluminum housing maximizes lamp life and performance
- 120/277 universal voltage on electronic ballasts
- Open and baffled multipliers, single wall wash and lensed reflectors are interchangeable with common rough-in housing
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- UL/CSA Listed for feed through and damp locations

Rough-In

Ordering Example: **CV8-126/32/42T**

Catalog No.	Lamp	Ballast	Options (add as suffix)
CV8-126/32/42T	26-42W Triple, 4-Pin, 26W Quad, 4-Pin	120/277V HPF Electronic	**347** - 347 Volt* **DB120** - 120 Volt Dimming Ballast* **DB277** - 277 Volt Dimming Ballast* *Specify 26/32 or 42 Watt Lamp. Example: CV8-142T-347

Reflector

Ordering Example: **800C-WH**

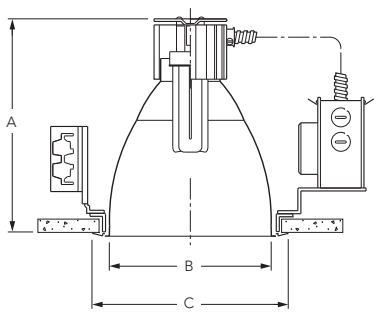
	Catalog No.	Lamp	Description
	800C-WH **820C-WH**	26-32W Triple 26W Quad, 42W Triple	Open Multiplier, Low Iridescent Specular Clear w/White Trim Ring
	800C-WWS-WH **820C-WWS-WH**	26-32W Triple 26W Quad, 42W Triple	Open Multiplier w/Kicker Wall Wash, Low Iridescent Specular Clear w/White Trim Ring
	801B-WH **801W-WH**	26W Quad, 26-42W Triple	Black Baffled Multiplier, Specular Clear w/White Trim Ring White Baffled Multiplier, Specular Clear w/White Trim Ring
	800CL-WH **800FL-WH** **800PL-WH**	26W Quad, 26-42W Triple	Clear Plastic Lens with White Regressed Splay Trim (suitable for wet location) Fresnel Lens with White Regressed Splay Trim (suitable for wet location) Prismatic Glass Lens with White Regressed Splay Trim (suitable for wet location)

Accessories

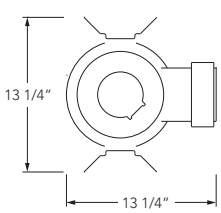
Ordering Example: **HB-1**

Catalog No.	Description
PLK-E	Emergency Lighting Field Conversion Kit for electronically ballasted 13-42W CFL Fixtures
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
HB-1	Adjustable 13 1/2"- 25" Real Nail® 3 Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)

Dimensions



8 1/8" Ceiling Cutout



A 10" except 10 7/16" for 820

B 7 3/8" except 6 3/4" for 801

C 9" except 8 5/8" for 800CL, 800FL and 800PL

Description

Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with good brightness control

Features

- Low iridescent clear specular reflector
- White polycarbonate trim ring
- Vented socket housing maximizes lamp life and performance
- 120/277 universal voltage on electronic ballasts
- Open and baffled multipliers, single wall wash and lensed reflectors are interchangeable with common rough-in housing
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- UL/CSA Listed for feed through and damp locations

Rough-In

Ordering Example: **CH6-226Q-DB120**

Catalog No.	Lamp	Ballast	Options (add as suffix)
CH6-213Q	2 x 13W Quad, 4-Pin	120/277V HPF Electronic	**347** - 347 Volt*
CH6-213Q-NPFM	2 x 13W Quad, 2-Pin	120V NPF Magnetic	**DB120** - 120 Volt Dimming Ballast*
CH6-218Q	2 x 18W Quad, 4-Pin	120/277V HPF Electronic	**DB277** - 277 Volt Dimming Ballast*
CH6-226Q	2 x 26W Quad, 4-Pin	120/277V HPF Electronic	*Only for electronic ballast models

Reflector

Ordering Example: **650C-WH**

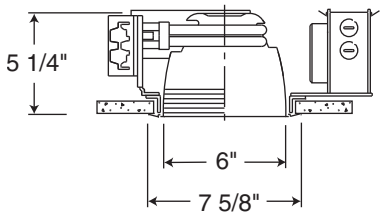
	Catalog No.	Description
	650C-WH	Open Multiplier, Low Iridescent Specular Clear w/White Trim Ring
	650C-WWS-WH	Open Multiplier w/Kicker Wall Wash, Low Iridescent Specular Clear w/White Trim Ring
	651B-WH	Black Baffled Multiplier, Specular Clear w/White Trim Ring
	651W-WH	White Baffled Multiplier, Specular Clear w/White Trim Ring
	650CL-WH	Clear Plastic Lens with White Regressed Splay Trim (suitable for wet location)
	650FL-WH	Fresnel Lens with White Regressed Splay Trim (suitable for wet location)
	650PL-WH	Prismatic Glass Lens with White Regressed Splay Trim (suitable for wet location)

Accessories

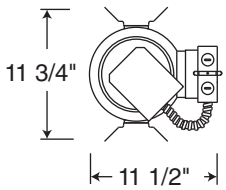
Ordering Example: **HB-1**

Catalog No.	Description
PLK-E	Emergency Lighting Field Conversion Kit for electronically ballasted 13-42W CFL Fixtures
PLK-M	Emergency Lighting Field Conversion Kit for magnetically ballasted 13-26W CFL Fixtures
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
HB-1	Adjustable 13 1/2"- 25" Real Nail® 3 Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)

Dimensions



6 7/8" Ceiling Cutout



Commercial | CH8
8" Horizontal CFL Downlight

Description
Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with good brightness control

Features
- Low iridescent clear specular reflector
- White polycarbonate trim ring
- Vented socket housing maximizes lamp life and performance
- 120/277 universal voltage on electronic ballasts
- Open multipliers and single wall wash are interchangeable with common rough-in housing
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- UL/CSA Listed for feed through and damp locations

Rough-In
Ordering Example: **CH8-226Q-DB120**

Catalog No.	Lamp	Ballast	Options (add as suffix)
CH8-213S-NPFM	2 x 13W Twin Tube, 2-Pin	120V NPF Magnetic	**347** - 347 Volt*
CH8-213S-HPFM	2 x 13W Twin Tube, 2-Pin	120V HPF Magnetic	**DB120** - 120 Volt Dimming Ballast*
CH8-218Q	2 x 18W Quad, 4-Pin	120/277V HPF Electronic	**DB277** - 277 Volt Dimming Ballast*
CH8-226Q	2 x 26W Quad, 4-Pin	120/277V HPF Electronic	*Only for electronic ballast models

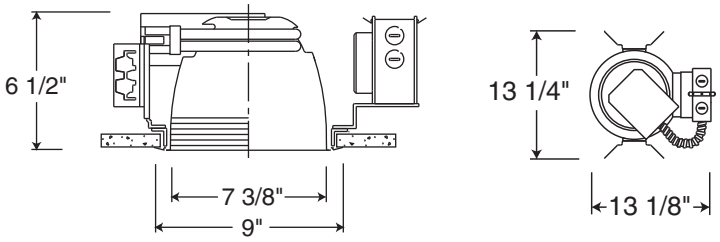
Reflector
Ordering Example: **850C-WH**

	Catalog No.	Description
	850C-WH	Open Multiplier, Low Iridescent Specular Clear w/White Trim Ring
	850C-WWS-WH	Open Multiplier w/Kicker Wall Wash, Low Iridescent Specular Clear w/White Trim Ring
	851B-WH	Black Baffled Multiplier, Specular Clear w/White Trim Ring
	851W-WH	White Baffled Multiplier, Specular Clear w/White Trim Ring
	850CL-WH	Clear Plastic Lens with White Regressed Splay Trim (suitable for wet location)
	850FL-WH	Fresnel Lens with White Regressed Splay Trim (suitable for wet location)
	850PL-WH	Prismatic Glass Lens with White Regressed Splay Trim (suitable for wet location)

Accessories
Ordering Example: **HB-1**

Catalog No.	Description
PLK-E	Emergency Lighting Field Conversion Kit for electronically ballasted 13-42W CFL Fixtures
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
HB-1	Adjustable 13 1/2"- 25" Real Nail® 3 Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)

Dimensions



8 1/8" Ceiling Cutout

Description

Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with good brightness control

Features

- Low iridescent clear specular reflector
- White polycarbonate trim ring
- Vented socket housing maximizes lamp life and performance
- 120/277 universal voltage on electronic ballasts
- Open multiplier and single wall wash are interchangeable with common rough-in housing
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- UL/CSA Listed for feed through and damp locations

Rough-In

Ordering Example: **CH9-226/32/42T**

Catalog No.	Lamp	Ballast	Options (add as suffix)
CH9-226/32/42T	2 x 26/32/42W Triple, 4-Pin	120V/277V HPF Electronic	**347** - 347 Volt* **DB120** - 120 Volt Dimming Ballast* **DB277** - 277 Volt Dimming Ballast* *Specify 26/32 or 42 Watt Lamp. Example: CH9-242T-347

Reflector

Ordering Example: **950C-WH**

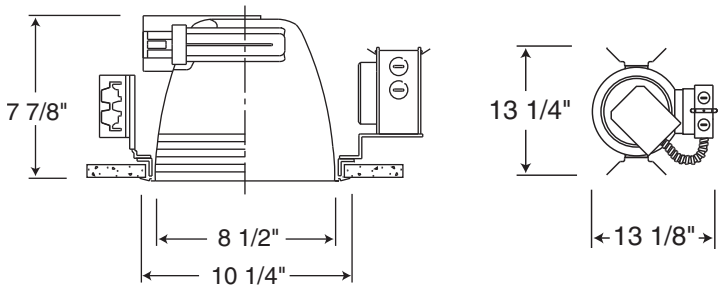
	Catalog No.	Description
	950C-WH	Open Multiplier, Low Iridescent Specular Clear w/White Trim Ring
	950C-WWS-WH	Open Multiplier w/Kicker Wall Wash, Low Iridescent Specular Clear w/White Trim Ring

Accessories

Ordering Example: **HB-1**

Catalog No.	Description
PLK-E	Emergency Lighting Field Conversion Kit for electronically ballasted 13-42W CFL Fixtures
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
HB-1	Adjustable 13 1/2"- 25" Real Nail® 3 Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)

Dimensions



9 3/8" Ceiling Cutout

Description

Provides uniform light distribution with very good brightness control

Features

- Clear specular reflector or black baffle with white trim ring
- Extruded aluminum socket housing
- Extended husk socket accepts only protected MH lamps rated for open luminaires
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/CSA Listed for feed through and damp locations

Rough-In

Ordering Example: **MX6-70-Q**

Catalog No.	Description	Ballast	Options (add as suffix)
MX6-70	70W MH, Medium Base	120/277V Dual Tap HPF Magnetic	**Q** - Quartz Restrike (Add as suffix to rough in and reflector catalog number) **CN** - 20/347V Dual Tap ballast ***F** - Fuse and Fuseholder (where *** = Voltage)
MX6-100	100W MH, Medium Base	120/277V Dual Tap HPF Magnetic	

Reflector

Ordering Example: **8600XCQ-WH**

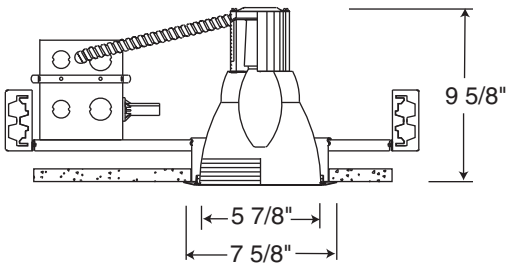
	Catalog No.	Description
	8600XC-WH	ED17 Open Multiplier, Specular Clear w/White Trim Ring
	8601XB-WH	ED17 Black Baffled Open Multiplier, Specular Clear w/White Trim Ring

Accessories

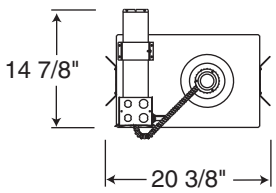
Ordering Example: **HB-26**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)

Dimensions



6 7/8" Ceiling Cutout



Description

Provides uniform light distribution with very good brightness control

Features

- Clear specular reflector or black baffle with clear glass safety lens and white trim ring
- Extruded aluminum socket housing
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/CSA Listed for feed through and damp locations

Rough-In

Ordering Example: **M6-70-Q**

Catalog No.	Description	Ballast	Options (add as suffix)
M6-70	70W MH, Medium Base	120/277V Dual Tap HPF Magnetic	**Q** - Quartz Restrike (Add as suffix to rough in and reflector catalog number) **CN** - 120/347V Dual Tap ballast ***F** - Fuse and Fuseholder (where *** = Voltage)
M6-100	100W MH, Medium Base	120/277V Dual Tap HPF Magnetic	

Reflector

Ordering Example: **8600CQ-WH**

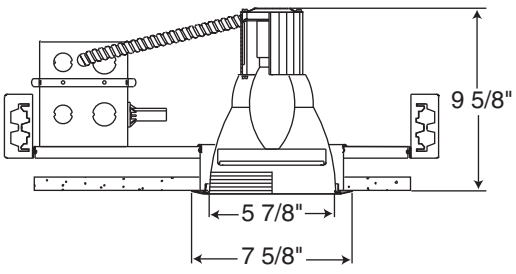
	Catalog No.	Description
	8600C-WH	ED17 Open Multiplier, w/Clear Glass Safety Lens, Specular Clear w/White Trim Ring
	8601B-WH	ED17 Black Baffled Open Multiplier, w/Clear Glass Safety Lens w/White Trim Ring

Accessories

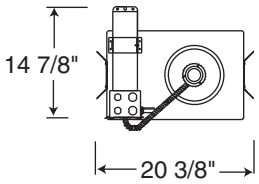
Ordering Example: **HB-26**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)

Dimensions



6 7/8" Ceiling Cutout



Description

Reflector lamp downlights provide narrow, sharp-edged light distribution ideal for higher ceilings or accent lighting with a variety of MH PAR30L lamp beam spreads up to 70 watts

Features

- PAR30L specular multiplier cone or black baffle with white trim ring
- Extruded aluminum socket housing
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/CSA Listed for feed through and damp locations

Rough-In

Ordering Example: **MX6-39-CN**

Catalog No.	Description	Ballast	Options (add as suffix)
MX6-39	39W MH, Medium Base	120/277V Dual Tap HPF Magnetic	**CN** - 120/347V Dual Tap ballast
MX6-70	70W MH, Medium Base	120/277V Dual Tap HPF Magnetic	***F** - Fuse and Fuseholder (where *** = Voltage)

Reflector

Ordering Example: **8600XC-WH**

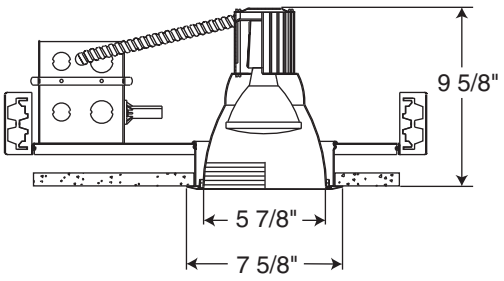
	Catalog No.	Description
	8600XC-WH	PAR30L Multiplier Cone, Specular Clear w/White Trim Ring
	8601XB-WH	PAR30L Black Baffle w/White Trim Ring

Accessories

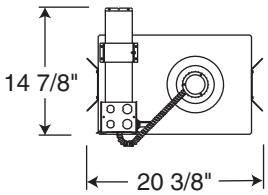
Ordering Example: **HB-26**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)

Dimensions



6 7/8" Ceiling Cutout



Description

Provides uniform light distribution with very good brightness control

Features

- Clear specular reflector or black baffle with white trim ring
- Extruded aluminum socket housing
- Extended husk socket accepts only protected MH lamps rated for open luminaires
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/CSA Listed for feed through and damp locations

Rough-In

Ordering Example: **MX8-70-Q**

Catalog No.	Description	Ballast	Options (add as suffix)
MX8-70	70W MH, Medium Base	120/277V Dual Tap HPF Magnetic	**Q** - Quartz Restrike (Add as suffix to rough in and reflector catalog number) **CN** - 120/347V Dual Tap ballast ***F** - Fuse and Fuseholder (where *** = Voltage)
MX8-100	100W MH, Medium Base	120/277V Dual Tap HPF Magnetic	

Reflector

Ordering Example: **8800XCQ-WH**

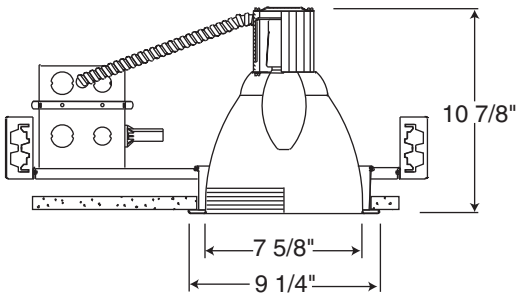
	Catalog No.	Description
	8800XC-WH	ED17 Open Multiplier, Specular Clear w/White Trim Ring
	8801XB-WH	ED17 Black Baffled Open Multiplier, Specular Clear w/White Trim Ring
	8840-WH **8842-WH**	Prismatic Glass Lens w/Regressed Black Baffle Trim w/White Trim Ring Fresnel Lens w/Regressed Black Baffle Trim w/White Trim Ring

Accessories

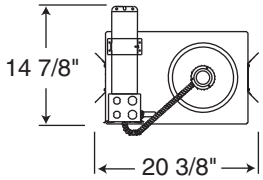
Ordering Example: **HB-26**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)

Dimensions



8 1/2" Ceiling Cutout



Description

Provides uniform light distribution with very good brightness control

Features

- Clear specular reflector or black baffle with clear glass safety lens and white trim ring
- Extruded aluminum socket housing
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/CSA Listed for feed through and damp locations

Rough-In

Ordering Example: **M8-70-Q**

Catalog No.	Description	Ballast	Options (add as suffix)
M8-70	70W MH, Medium Base	120/277V Dual Tap HPF Magnetic	**Q** - Quartz Restrike (Add as suffix to rough-in and reflector catalog number) **CN** - 120/347V Dual Tap ballast **F** - Slow Blow fuse and fuseholder ***F** - Fuse and Fuseholder (where *** = Voltage)
M8-100	100W MH, Medium Base	120/277V Dual Tap HPF Magnetic	

Reflector

Ordering Example: **8800CQ-WH**

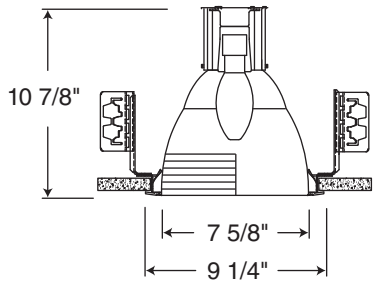
	Catalog No.	Description
	8800C-WH	ED17 Open Multiplier, w/Clear Glass Safety Lens, Specular Clear w/White Trim Ring
	8801B-WH	ED17 Black Baffled Open Multiplier w/Clear Glass Safety Lens w/White Trim Ring
	8840-WH **8842-WH**	Prismatic Glass Lens w/Regressed Black Baffle Trim w/White Trim Ring Fresnel Lens w/Regressed Black Baffle Trim w/White Trim Ring

Accessories

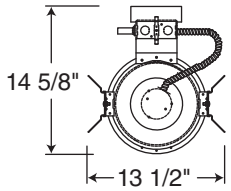
Ordering Example: **HB-26**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)

Dimensions



8 1/2" Ceiling Cutout



Description
Reflector lamp downlights provide narrow, sharp-edged light distribution ideal for higher ceilings or accent lighting with a variety of MH PAR38 lamp beam spreads up to 100 watts

Features
- PAR38 specular multiplier cone or black baffle with white trim ring
- Extruded aluminum socket housing
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/CSA Listed for feed through and damp locations

Rough-In
Ordering Example: **M8-70-CN**

Catalog No.	Description	Ballast	Options (add as suffix)
M8-70	70W MH, Medium Base	120/277V Dual Tap HPF Magnetic	**CN** - 120/347V Dual Tap ballast
M8-100	100W MH, Medium Base	120/277V Dual Tap HPF Magnetic	***F** - Fuse and Fuseholder (where *** = Voltage)

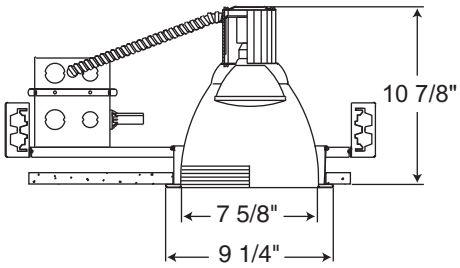
Reflector
Ordering Example: **8870C-WH**

	Catalog No.	Description
	8870C-WH	PAR38 Multiplier Cone, Specular Clear w/White Trim Ring
	8871B-WH	PAR38 Black Baffle w/White Trim Ring

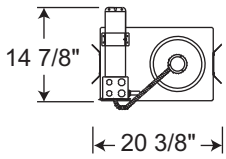
Accessories
Ordering Example: **HB-26**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)

Dimensions



8 1/2" Ceiling Cutout



Description

Provides uniform light distribution with very good brightness control

Features

- Clear specular reflector or black baffle with white trim ring
- Electronic ballast provides 10 - 17% greater efficiency, improved lumen/color maintenance and up to 20% longer life as compared to MH lamps operated off of magnetic ballasts
- Extended husk socket accepts only protected MH lamps rated for open luminaires
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- UL/CSA Listed for feed through and damp locations

Rough-In

Ordering Example: **MX6-70E-Q**

Catalog No.	Description	Ballast	Options (add as suffix)
MX6-70E	70W MH, Medium Base	120/277V HPF Electronic	**Q** - Quartz Restrike (Add as suffix to rough in and reflector catalog number) ***F** - Fuse and Fuseholder (where *** = Voltage)
MX6-100E	100W MH, Medium Base	120/277V HPF Electronic	

Reflector

Ordering Example: **8600XCQ-WH**

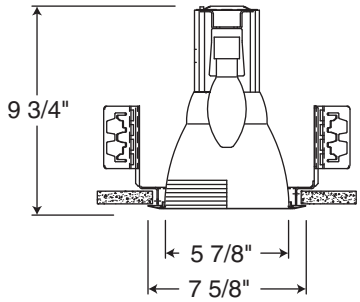
	Catalog No.	Description
	8600XC-WH	ED17 Open Multiplier, Specular Clear w/White Trim Ring
	8601XB-WH	ED17 Black Baffled Open Multiplier, Specular Clear w/White Trim Ring

Accessories

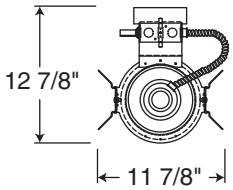
Ordering Example: **HB-26**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
HB-1	Adjustable 13 1/2"- 25" Real Nail 3 Bar Hangers
LB-27	27" Linear Bar Hangers (Set of 2)

Dimensions



6 7/8" Ceiling Cutout



Description
Provides uniform light distribution with very good brightness control

Features
- Clear specular reflector or black baffle with clear glass safety lens and white trim ring
- Electronic ballast provides 10 - 17% greater efficiency, improved lumen/color maintenance and up to 20% longer life as compared to MH lamps operated off of magnetic ballasts
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- UL/CSA Listed for feed through and damp locations

Rough-In
Ordering Example: **M6-70E-Q**

Catalog No.	Description	Ballast	Options (add as suffix)
M6-70E	70W MH, Medium Base	120/277V HPF Electronic	**Q** - Quartz Restrike (Add as suffix to rough in and reflector catalog number)
M6-100E	100W MH, Medium Base	120/277V HPF Electronic	***F** - Fuse and Fuseholder (where *** = Voltage)

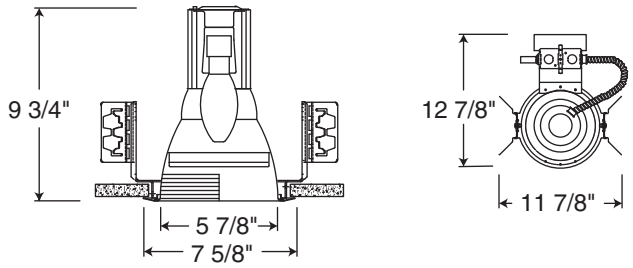
Reflector
Ordering Example: **8600CQ-WH**

	Catalog No.	Description
	8600C-WH	ED17 Open Multiplier, w/Clear Glass Safety Lens, Specular Clear w/White Trim Ring
	8601B-WH	ED17 Black Baffled Open Multiplier, w/Clear Glass Safety Lens w/White Trim Ring

Accessories
Ordering Example: **HB-26**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
HB-1	Adjustable 13 1/2"- 25" Real Nail 3 Bar Hangers
LB-27	27" Linear Bar Hangers (Set of 2)

Dimensions



6 7/8" Ceiling Cutout

Commercial | MX6-E
6" MH PAR30L Downlight Electronic Ballast

Description
Reflector lamp downlights provide narrow, sharp-edged light distribution ideal for higher ceilings or accent lighting with a variety of MH PAR30L lamp beam spreads up to 70 watts

Features
- PAR30L specular multiplier cone or black baffle with white trim ring
- Electronic ballast provides 10 - 17% greater efficiency, improved lumen/color maintenance and up to 20% longer life as compared to MH lamps operated off of magnetic ballasts
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- UL/CSA Listed for feed through and damp locations

Rough-In
Ordering Example: **MX6-39E-277F**

Catalog No.	Description	Ballast	Options (add as suffix)
MX6-39E	39W MH, Medium Base	120/277V HPF Electronic	***F** - Fuse and Fuseholder
MX6-70E	70W MH, Medium Base	120/277V HPF Electronic	(where *** = Voltage)

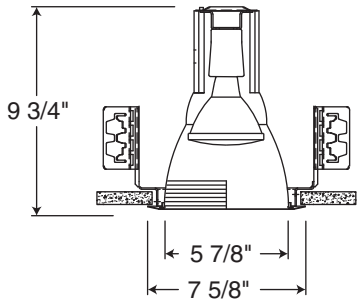
Reflector
Ordering Example: **8600XC-WH**

	Catalog No.	Description
	8600XC-WH	PAR30L Multiplier Cone, Specular Clear w/White Trim Ring
	8601XB-WH	PAR30L Black Baffle w/White Trim Ring

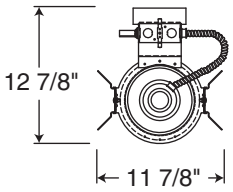
Accessories
Ordering Example: **HB-26**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
HB-1	Adjustable 13 1/2"- 25" Real Nail 3 Bar Hangers
LB-27	27" Linear Bar Hangers (Set of 2)

Dimensions



6 7/8" Ceiling Cutout



Description

Provides uniform light distribution with very good brightness control

Features

- Clear specular reflector or black baffle with white trim ring
- Electronic ballast provides 10 - 17% greater efficiency, improved lumen/color maintenance and up to 20% longer life as compared to MH lamps operated off of magnetic ballasts
- Extended husk socket accepts only protected MH lamps rated for open luminaires
- Open and baffled multipliers are interchangeable with common rough-in housing
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- UL/CSA Listed for feed through and damp locations

Rough-In

Ordering Example: **MX8-70E-Q**

Catalog No.	Description	Ballast	Options (add as suffix)
MX8-70E	70W MH, Medium Base	120/277V HPF Electronic	**Q** - Quartz Restrike (Add as suffix to rough in and reflector catalog number)
MX8-100E	100W MH, Medium Base	120/277V HPF Electronic	***F** - Fuse and Fuseholder (where *** = Voltage)
MX8-150E/120V	150W MH, Medium Base	120V HPF Electronic	
MX8-150E/277V	150W MH, Medium Base	277V HPF Electronic	

Reflector

Ordering Example: **8800XCQ-WH**

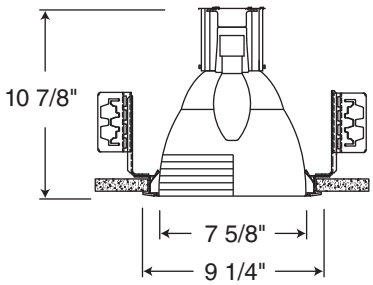
	Catalog No.	Description
	8800XC-WH	ED17 Open Multiplier, Specular Clear w/White Trim Ring
	8801XB-WH	ED17 Black Baffled Open Multiplier, Specular Clear w/White Trim Ring
	8840-WH **8842-WH**	Prismatic Glass Lens w/Regressed Black Baffle Trim w/White Trim Ring Fresnel Lens w/Regressed Black Baffle Trim w/White Trim Ring

Accessories

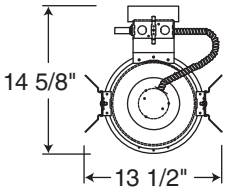
Ordering Example: **HB-26**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
HB-1	Adjustable 13 1/2"- 25" Real Nail 3 Bar Hangers
LB-27	27" Linear Bar Hangers (Set of 2)

Dimensions



8 1/2" Ceiling Cutout



Description

Provides uniform light distribution with very good brightness control

Features

- Clear specular reflector or black baffle with clear glass safety lens and white trim ring
- Extruded aluminum socket housing
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- UL/CSA Listed for feed through and damp locations

Rough-In

Ordering Example: **M8-70E-Q**

Catalog No.	Description	Ballast	Options (add as suffix)
M8-70E	70W MH, Medium Base	120/277V HPF Electronic	**Q** - Quartz Restrike (Add as suffix to rough in and reflector catalog number)
M8-100E	100W MH, Medium Base	120/277V HPF Electronic	***F** - Fuse and Fuseholder (where *** = Voltage)
M8-150E	150W MH, Medium Base	120/277V HPF Electronic	

Reflector

Ordering Example: **8800CQ-WH**

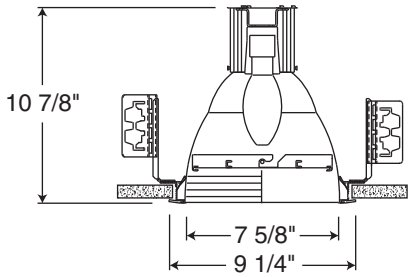
	Catalog No.	Description
	8800C-WH	ED17 Open Multiplier w/Clear Glass Safety Lens, Specular Clear w/White Trim Ring
	8801B-WH	ED17 Black Baffled Open Multiplier w/Clear Glass Safety Lens, Specular Clear w/White Trim Ring
	8840-WH **8842-WH**	Prismatic Glass Lens w/Regressed Black Baffle Trim w/White Trim Ring Fresnel Lens w/Regressed Black Baffle Trim w/White Trim Ring

Accessories

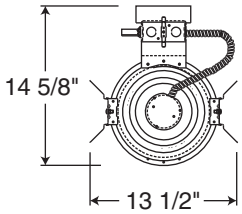
Ordering Example: **HB-26**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
HB-1	Adjustable 13 1/2"- 25" Real Nail 3 Bar Hangers
LB-27	27" Linear Bar Hangers (Set of 2)

Dimensions



8 1/2" Ceiling Cutout



Description

Reflector lamp downlights provide narrow, sharp-edged light distribution ideal for higher ceilings or accent lighting with a variety of MH PAR38 lamp beam spreads up to 150 watts

Features

- PAR38 specular multiplier cone or black baffle with white trim ring
- Electronic ballast provides 10 - 17% greater efficiency, improved lumen/color maintenance and up to 20% longer life as compared to MH lamps operated off of magnetic ballasts
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- UL/CSA Listed for feed through and damp locations

Rough-In

Ordering Example: **M8-70-277F**

Catalog No.	Description	Ballast	Options (add as suffix)
M8-70E	70W MH, Medium Base	120/277V HPF Electronic	***F** - Fuse and Fuseholder
M8-100E	100W MH, Medium Base	120/277V HPF Electronic	(where *** = Voltage)
M8-150E	150W MH, Medium Base	120/277V HPF Electronic	

Reflector

Ordering Example: **8870C-WH**

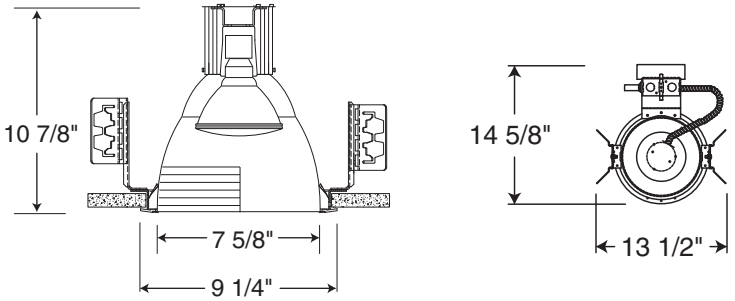
	Catalog No.	Description
	8870C-WH	PAR38 Multiplier Cone, Specular Clear w/White Trim Ring
	8871B-WH	PAR38 Black Baffle w/White Trim Ring

Accessories

Ordering Example: **HB-26**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
HB-1	Adjustable 13 1/2"- 25" Real Nail 3 Bar Hangers
LB-27	27" Linear Bar Hangers (Set of 2)

Dimensions



8 1/2" Ceiling Cutout

Description

Provides uniform light distribution with very good brightness control using economical general service lamps

Features

- Clear specular reflector with white trim ring
- Extruded aluminum socket housing maximizes lamp life
- Open and baffled multipliers and single wall wash reflectors are interchangeable with common rough-in housing
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- UL/CSA listed for feed through and damp locations

Rough-In

Ordering Example: **TC906**

Catalog No.	Description
TC906	A-Lamp Rough-In

Reflector

Ordering Example: **643C-WH**

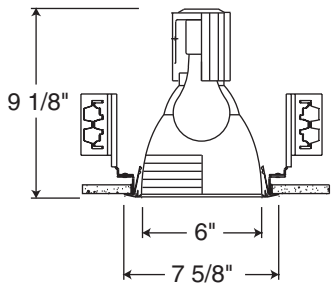
	Catalog No.	Lamp	Description
	643C-WH	100W A19/150W A21	Open Multiplier, Specular Clear w/White Trim Ring
	643HZ-WH	100W A19/150W A21	Open Multiplier, Haze Clear w/White Trim Ring
	633B-WH	100W A19/150W A21	Black Baffled Multiplier, Specular Clear w/White Trim Ring
	633W-WH	100W A19/150W A21	White Baffled Multiplier, Specular Clear w/White Trim Ring
	662C-WH	100W A19/150W A21	Open Multiplier w/Kicker Wall Wash, Specular Clear w/White Trim Ring
	662HZ-WH	100W A19/150W A21	Open Multiplier w/Kicker Wall Wash, Haze Clear w/White Trim Ring

Accessories

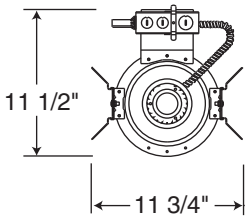
Ordering Example: **HB-1**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)
HB-1	Adjustable 13 1/2"- 25" Real Nail 3 Bar Hangers (Set of 2)

Dimensions



6 7/8" Ceiling Cutout



Description
Provides uniform light distribution with good brightness control using economical general service lamps. Low profile design for limited depth plenums.

Features
- Clear specular reflector with white trim ring
- Extruded aluminum socket housing maximizes lamp life
- Open and baffled multipliers and single wall wash reflectors are interchangeable with common rough-in housing
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- UL/CSA Listed for feed through and damp locations

Rough-In
Ordering Example: **TC906H**

Catalog No.	Description
TC906H	Horizontal Lamp Low-Profile A-Lamp Rough-In

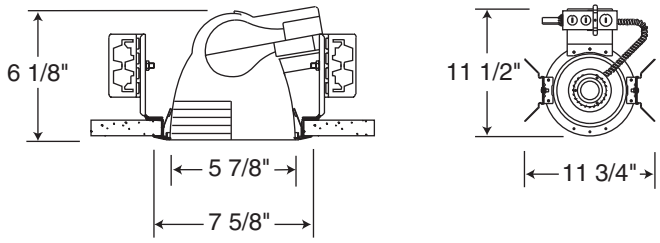
Reflector
Ordering Example: **673C-WH**

	Catalog No.	Lamp	Description
	673C-WH	100W A19/150W A21	Low Profile Open Multiplier, Specular Clear w/White Trim Ring
	673HZ-WH	100W A19/150W A21	Low Profile Open Multiplier, Haze Clear w/White Trim Ring
	674B-WH	100W A19/150W A21	Low Profile Black Baffled Multiplier, Specular Clear w/White Trim Ring
	674W-WH	100W A19/150W A21	Low Profile White Baffled Multiplier, Specular Clear w/White Trim Ring

Accessories
Ordering Example: **HB-1**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)
HB-1	Adjustable 13 1/2"- 25" Real Nail 3 Bar Hangers (Set of 2)

Dimensions



6 7/8" Ceiling Cutout

Description
Provides uniform light distribution with very good brightness control using economical general service lamps

Features
- Clear specular reflector with white trim ring
- Extruded aluminum socket housing maximizes lamp life
- Open and baffled multipliers and single wall wash reflectors are interchangeable with common rough-in housing
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- UL/CSA Listed for feed through and damp locations

Rough-In
Ordering Example: **TC908**

Catalog No.	Description
TC908	A-Lamp Rough-In

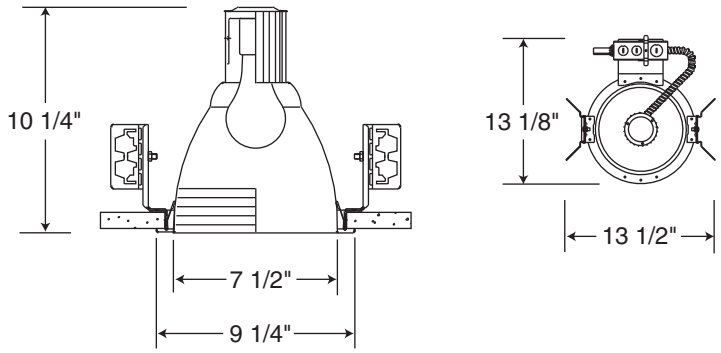
Reflector
Ordering Example: **644C-WH**

	Catalog No.	Lamp	Description
	644C-WH	150W A21/200W A23	Open Multiplier, Specular Clear w/White Trim Ring
	644HZ-WH	150W A21/200W A23	Open Multiplier, Haze Clear w/White Trim Ring
	654B-WH	150W A21/200W A23	Black Baffled Multiplier, Specular Clear w/White Trim Ring
	682C-WH	150W A21/200W A23	Open Multiplier w/Kicker Wall Wash, Specular Clear w/White Trim Ring
	682HZ-WH	150W A21/200W A23	Open Multiplier w/Kicker Wall Wash, Haze Clear w/White Trim Ring

Accessories
Ordering Example: **HB-1**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)
HB-1	Adjustable 13 1/2"- 25" Real Nail 3 Bar Hangers (Set of 2)

Dimensions



8 1/2" Ceiling Cutout

Description
Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate

Features
- Clear specular reflector with fresnel lens in regressed black stepped baffle trim
- Extruded aluminum socket housing maximizes lamp life
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- UL/CSA Listed for feed through and damp locations

Rough-In
Ordering Example: **TC931**

Catalog No.	Description
TC931	A-Lamp Rough-In

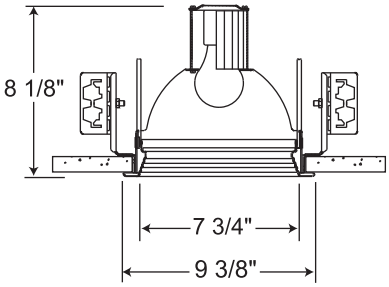
Lensed Trim
Ordering Example: **32-WH**

	Catalog No.	Lamp	Description
	32-WH	100W A19/150W A21	Black Stepped Baffle w/Fresnel Lens and White Trim Ring

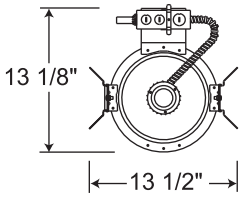
Accessories
Ordering Example: **HB-1**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)
HB-1	Adjustable 13 1/2"- 25" Real Nail 3 Bar Hangers (Set of 2)

Dimensions



8 1/2" Ceiling Cutout



Description

Reflector lamp downlights provide narrow, sharp-edged light distribution ideal for higher ceilings or accent lighting with a variety of PAR lamp beam spreads up to 250 watts

Features

- Deeply shielded PAR30 or PAR38 specular reflector or PAR38 baffle with white trim ring
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- UL/CSA Listed for feed through and damp locations

Rough-In

Ordering Example: **TC920**

Catalog No.	Description
TC920	PAR30/PAR38 Housing

Reflector

Ordering Example: **657C-WH**

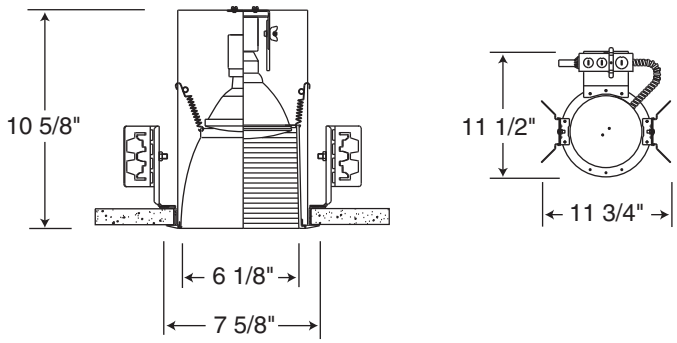
	Catalog No.	Lamp	Description
	657C-WH	75W PAR30, 85W BR30	Multiplier Cone, Specular Clear w/White Trim Ring
	657B-WH	75W PAR30, 85W BR30	Multiplier Cone, Specular Black w/White Trim Ring
	657HZ-WH	75W PAR30, 85W BR30	Multiplier Cone, Haze Clear w/White Trim Ring
	626C-WH	250W PAR38, 120W BR40	Multiplier Cone, Specular Clear w/White Trim Ring
	626B-WH	150W PAR38, 120W BR40	Multiplier Cone, Specular Black w/White Trim Ring
	626HZ-WH	250W PAR38, 120W BR40	Multiplier Cone, Haze Clear w/White Trim Ring
	625B-WH	150W PAR38, 120W BR40	Black Baffle w/White Trim Ring
	625W-WH	150W PAR38, 120W BR40	White Baffle w/White Trim Ring
	661B-WH	120W BR40	Scoop Wall Wash w/White Trim Ring

Accessories

Ordering Example: **HB-1**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)
HB-1	Adjustable 13 1/2"- 25" Real Nail 3 Bar Hangers (Set of 2)

Dimensions



6 7/8" Ceiling Cutout

Description

Reflector lamp downlights provide narrow, sharp-edged light distribution ideal for higher ceilings or accent lighting with a variety of PAR lamp beam spreads up to 250 watts

Features

- Deeply shielded PAR38 specular reflector with white trim ring
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- UL/CSA Listed for feed through and damp locations

Rough-In

Ordering Example: **TC925**

Catalog No.	Description
TC925	PAR38 Housing

Reflector

Ordering Example: **658C-WH**

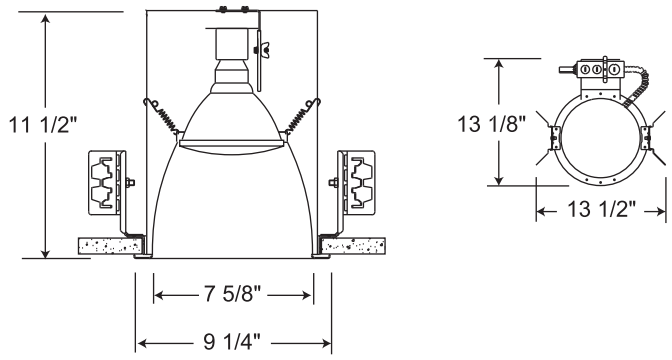
Catalog No.	Lamp	Description
658C-WH	250W PAR38, 120W BR40	Multiplier Cone, Specular Clear, White Trim Ring
658B-WH	150W PAR38, 120W BR40	Multiplier Cone, Specular Black, White Plastic Ring
658HZ-WH	250W PAR38, 120W BR40	Multiplier Cone, Haze Clear, White Plastic Ring

Accessories

Ordering Example: **HB-1**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)
HB-1	Adjustable 13 1/2"- 25" Real Nail 3 Bar Hangers (Set of 2)

Dimensions



8 1/2" Ceiling Cutout

Commercial | TC954
6" PAR30/38 Adjustable Downlight

Description
Recessed adjustables provide accent and task lighting with a wide variety of PAR lamp beam spreads with wattages up to 150 watts

Features
- PAR30/38 recessed adjustable with 0 - 35° tilt and 358° rotation
- Rotation and aiming locks
- Angle cut specular cone or black/white baffle with white trim ring
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- UL/CSA Listed for feed through and damp locations

Rough-In
Ordering Example: **TC954**

Catalog No.	Description
TC954	PAR30/38 Adjustable Housing

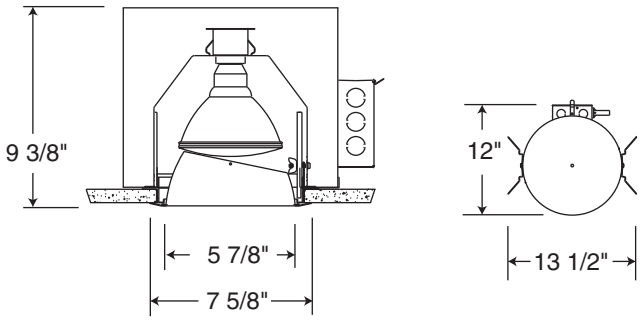
Reflector
Ordering Example: **697C-WH**

	Catalog No.	Lamp	Description
	697C-WH	75W PAR30	Angle Cut Cone, Specular Clear w/White Trim Ring
	697HZ-WH	75W PAR30	Angle Cut Cone, Haze Clear w/White Trim Ring
	696B-WH	75W PAR30	Angle Cut Black Baffle w/White Trim Ring
	696W-WH	75W PAR30	Angle Cut White Baffle w/White Trim Ring
	699C-WH	150W PAR38	Angle Cut Cone, Specular Clear w/White Trim Ring
	699B-WH	150W PAR38	Angle Cut Cone, Specular Black w/White Trim Ring
	699HZ-WH	150W PAR38	Angle Cut Cone, Haze Clear w/White Trim Ring
	698B-WH	150W PAR38	Angle Cut Baffle w/White Trim Ring

Accessories
Ordering Example: **HB-1**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)
HB-1	Adjustable 13 1/2"- 25" Real Nail 3 Bar Hangers (Set of 2)

Dimensions



6 7/8" Ceiling Cutout

Description

Recessed adjustables provide accent and task lighting with a wide variety of PAR lamp beam spreads with wattages up to 250 watts

Features

- PAR38 recessed adjustable with 0 - 35° tilt and 358° rotation
- Angle cut specular cone or black/white baffle with white trim ring
- Butterfly style mounting brackets accommodate 1/2" EMT, 3/4" & 1 1/2" C-channel, linear bars and Real Nail® 3 bar hangers
- UL/CSA Listed for feed through and damp locations

Rough-In

Ordering Example: **TC958**

Catalog No.	Description
TC958	PAR30/38 Recessed Adjustable Housing

Reflector

Ordering Example: **693C-WH**

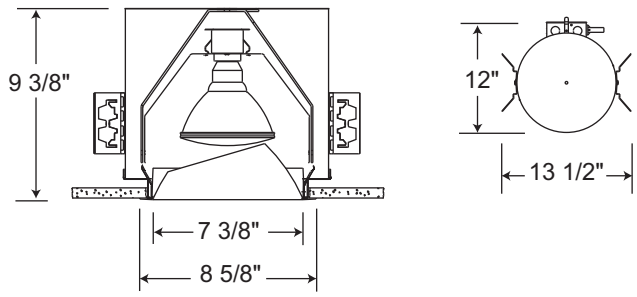
	Catalog No.	Lamp	Description
	693C-WH	250W PAR38	Angle Cut Cone, Specular Clear, White Trim Ring
	693B-WH	250W PAR38	Angle Cut Cone, Specular Black, White Trim Ring
	693HZ-WH	250W PAR38	Angle Cut Cone, Haze Clear, White Trim Ring

Accessories

Ordering Example: **HB-1**

Catalog No.	Description
HB-26	26" C-Channel Bar Hangers (Set of 2)
HB-50	50" C-Channel Bar Hangers (Set of 2)
LB-27	27" Linear Bar Hangers (Set of 2)
HB-1	Adjustable 13 1/2"- 25" Real Nail 3 Bar Hangers (Set of 2)

Dimensions



8 1/8" Ceiling Cutout

Options & Accessories

Bar Hangers

Catalog #
HB-26

Description
26" C-Channel bar hangers with clips for attachment to T-Bar Ceilings (Set of 2)

Catalog #
HB-50

Description
50" C-Channel bar hangers with clips for attachment to T-Bar Ceilings (Set of 2)

Catalog #
LB-27

Description
27" Linear bar hangers (Set of 2)

Catalog #
HB-1

Description
Adjustable 13 1/2" - 25" Real Nail® 3 bar hangers for installation of incandescent, compact fluorescent and electronically ballasted HID fixtures into joist construction (Set of 2)

CFL Field Installed Emergency Lighting Kits

Catalog #
PLK-E*

*For 347V
Add "-CN" to catalog number

Description
Emergency lighting field conversion kit for electronically ballasted 13-42W CFL Fixtures. 120/277V input.

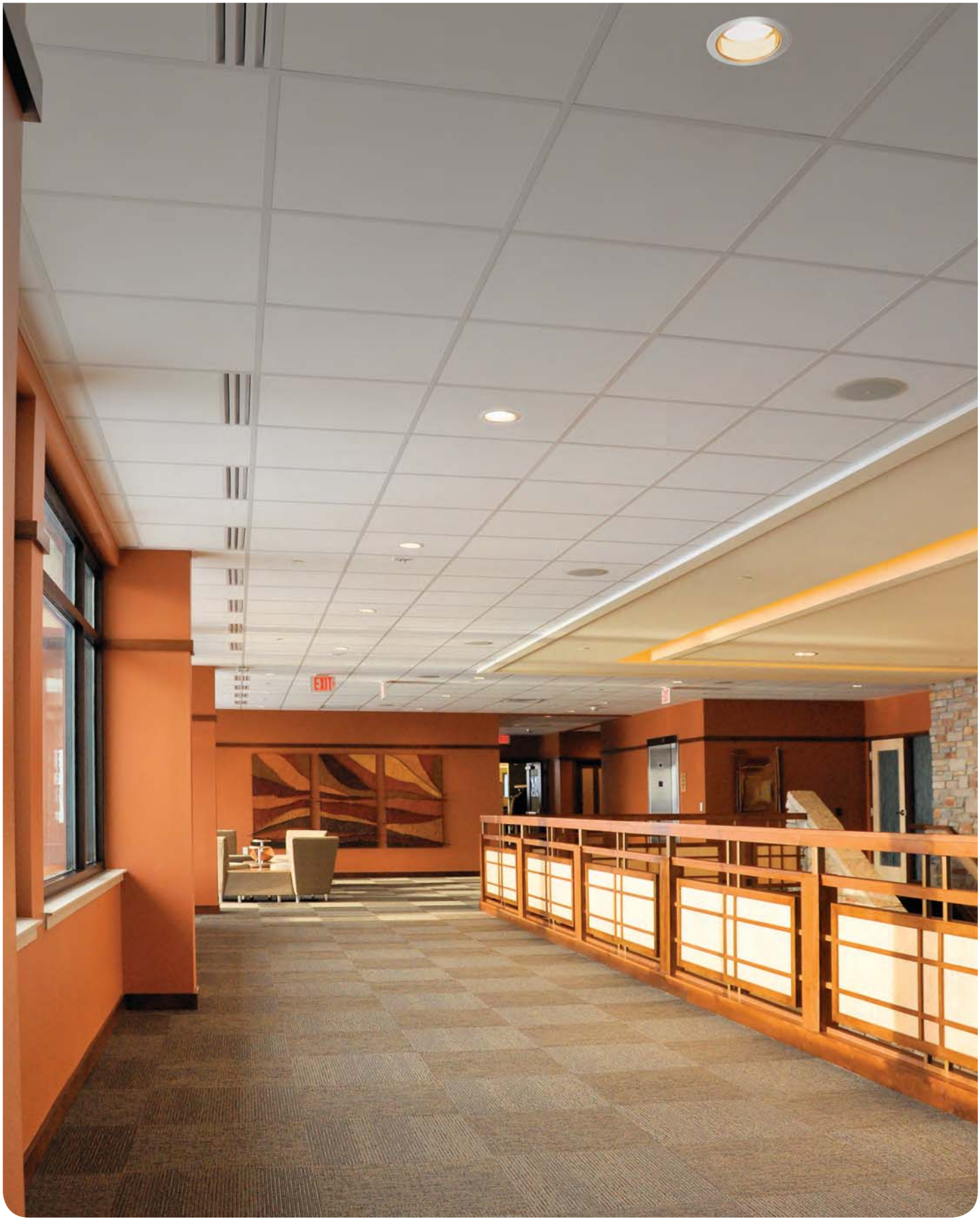
Metal Halide Electrical Options

Suffix
-*F**
(where *** = Voltage)

Description
Slow blow fuse and fuse holder
(add as suffix to rough-in catalog number)

Suffix
-Q

Description
Quartz restrike for HID ED17 fixtures (add as suffix to both rough-in and reflector catalog number)


EXIT

Aculux®

Precision Recessed Lighting

Aculux high-performance, high-precision luminaires deliver stunning results quite distinct from standard recessed lighting. Offering ultra-precise optics and adjustments, Aculux products create spectacular depth and sparkle for contemporary, traditional, or business interiors. They can dramatically accent art and architecture or add warmth and ambiance to any room. The combination of computer contoured reflectors, deep regression, precise center-beam alignment, and low-brightness trims enables these luminaires to blend seamlessly with their surroundings. Advanced LED technology dominates the product family, ensuring that Aculux fixtures are as efficient as they are elegant.

The award-winning Aculux® Gen 2 LED luminaires

Aculux Gen 2 LED luminaires were recognized for design excellence in the prestigious 2012 Next Generation Luminaires competition sponsored by several leading industry groups. And it's no wonder. This new generation of 3-1/4" LED luminaires has a smaller footprint, greater lumen output, and a 35% reduction in energy consumption compared to the previous generation. New features also include an exclusive auto-adjusting optic holder, more CCT and CRI options, and enhanced dimming capabilities. Plus, all the popular Aculux features have been retained including Acu-Aim™ optics, the patented Tru-Line™ adjustable platform, and the extensive collection of round and square trims.

Aculux Gen 2 LED, 3-1/4" Round or Square Aperture luminaires with ENERGY STAR® Qualified, IC-Rated housings deliver 700 lumens from just 13 watts … with Non-IC housings, 1000 lumens from just 20 watts. In addition to industry-leading efficacies of 50 lm/W or more, these architectural-grade luminaires offer gear-driven 45° hot vertical aiming, 370° rotation, and aperture translation adjustment. "Squares" also feature aperture rotation and a V-notch alignment sight to facilitate fixture-to-fixture alignment. No other recessed luminaire can offer this degree of adjustment and alignment precision. Round or square, Aculux trims and mounting styles produce ceilings that are quiet and refined.

Aculux Gen 2 LED, 3-1/4" Adjustable Remodel luminaires make it fast and easy to upgrade to ultra-efficient LED illumination. These architectural-grade luminaires produce up to 700 lumens from just 13 watts, approximating the performance of 50W MR16 but with just one-fourth the energy consumption. They are compatible with any round trim ring or self-flanged trim and install quickly and securely without tools or loose parts via a patented push-pull cable system. Excellent adjustability is afforded by 370° rotation and 35° tilt aiming.

Aculux … precision illumination for every occasion

The entire family of Aculux luminaires is designed to provide superior illumination anywhere high-performance, precision lighting is called for. General illumination, accent lighting, functional task lighting, wall washing … Aculux optics will put exactly the right amount of light in precisely the right place. The ultra-efficient, 3-1/4" LED luminaires lead the way in illumination performance while creating ceilings that exhibit grace and style. Aculux 3-1/4" luminaires are also offered with CMH, halogen, and incandescent light sources, in both round and square apertures, enabling them to meet a wide variety of illumination needs. Aculux 5-5/8", 6", and 7" downlights and adjustables provide excellent beam control with a variety of lamp options for accenting large objects or architectural features. No matter what the lighting challenge, the Aculux brand has a superbly engineered, architectural-grade luminaire that will exceed every expectation.

3 1/4" LED Round Adjustable

LED PRODUCT
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IC43L LED
Adjustable Housing
700 Lumens

LED PRODUCT
Page 215

IC943L LED
Adjustable Housing
700 Lumens

LED PRODUCT
Page 216

TC49L LED
Adjustable Housing
1000 Lumens

LED PRODUCT
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TC949L LED
Adjustable Housing
1000 Lumens

LED PRODUCT
Page 218

TC43LR LED Adjustable
Remodel Housing
700 Lumens

3 1/4" MR16 Round Adjustable

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IC43N MR16
Adjustable Housing

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TC43N MR16
Adjustable Housing

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TC43NR MR16
Adjustable Remodel
Housing

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TC943N MR16
Adjustable Housing

3 1/4" CMH MR16 Round Adjustable

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TC943M CMH MR16
Adjustable Housing

3 1/4" PAR16/PAR20 Round Adjustable

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IC13N PAR16/PAR20
Adjustable Housing

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TC13N PAR16/PAR20
Adjustable Housing

3 1/4" LED Square Adjustable

LED PRODUCT
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IC43LSQ LED
Adjustable Housing
700 Lumens

LED PRODUCT
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IC943LSQ LED
Adjustable Housing
700 Lumens

LED PRODUCT
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TC49LSQ LED
Adjustable Housing
1000 Lumens

LED PRODUCT
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TC949LSQ LED
Adjustable Housing
1000 Lumens

3 1/4" MR16 Square Adjustable

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IC43SQ MR16
Adjustable Housing

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TC43SQ MR16
Adjustable Housing

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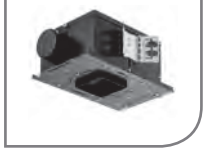

TC943SQ MR16
Adjustable Housing

3 1/4" CMH MR16 Square Adjustable

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TC943MSQ CMH MR16
Adjustable Housing

3 1/4" PAR16/PAR20 Square Adjustable

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IC13SQ PAR16/PAR20
Adjustable Housing

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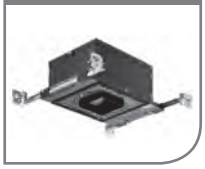

TC13SQ PAR16/PAR20
Adjustable Housing

5 5/8" PAR36/AR111 Adjustable

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IC64 PAR36/AR111
Adjustable Housing

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TC964 PAR36/AR111
Adjustable Housing

MR16 Framing Projector

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TC960 MR16
Framing Projector

5 5/8" PAR30 Adjustable

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IC63 PAR30
Adjustable Housing

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TC963 PAR30
Adjustable Housing

5 5/8" PAR30/38 Adjustable

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IC62 PAR30/38
Adjustable Housing

Page 258

TC62 PAR30/38
Adjustable Housing

6" A-Lamp Downlight/Wall Wash

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IC906 A-Lamp
Downlight/Wall Wash
Housing

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TC906 A-Lamp
Downlight/Wall Wash
Housing

7" PAR38 Adjustable/Downlight

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IC73 PAR38
Adjustable/Downlight
Housing

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TC973 PAR38
Adjustable/Downlight
Housing

6" Compact Fluorescent Downlight

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ICV6-126/32T CFL
Triple Tube Housing

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CV6-126/32T CFL
Triple Tube Housing

Precision Recessed | IC43L 3 1/4" LED Adjustable Housing

IC Rated, 13W 700 Lumens

Description

Recessed adjustable 13W LED luminaire with Pro-VI™ bar hangers approximates the performance of a 50W MR16 lamp and has a L70 rated life of 50,000 hours. Fixture has 50° visual cutoff and features precision geared hot-aiming. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and controls plenum sound transmission. IC rated housing for use in direct contact with insulation.

Listings UL and cUL listed for direct contact with insulation, through-branch wiring, damp locations • Wet location with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • ENERGY STAR® Qualified and certified to high efficacy requirements of California T24-2008 with select trims • Union made

Features

- LED IC Rated new construction housing for use in direct contact with insulation
- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented, Tru-Line™ platform allows +/-1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ optics employs precision gearing to achieve 370˚ rotation, 45˚ tilt hot aiming with a screwdriver
- Optimized center beam optics translates light engine forward as it is aimed off nadir
- Choice of three LED drivers to accommodate voltages of 120 – 277 volts AC at 50/60 Hz: • Dedicated 120V (-1) driver is dimmable with most incandescent, magnetic low voltage and electronic low voltage dimmers • Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers • Lutron A Series (-L) driver is 3-wire dimmable and compatible with EcoSystem®
- Patented, Pro-VI™ telescoping bar hanger system has locking set screws • The captive bugle-headed ring shank nail allows for a quick one-step installation in joist construction while the robust bar eliminates flexing regardless of fixture position • For suspended ceilings, use integral t-notches with locking tabs
- Available in (3) factory-configured beam spreads: 12˚ Spot, 24˚ Narrow Flood and 35˚ Flood • Modular optics are field interchangable • Patent pending auto-adjusting optic holder is spring loaded to maintain lens/reflector relationship and accepts up to (3) additional beam control lenses and/or filters

Ordering Information Example: IC43L-830-S-U

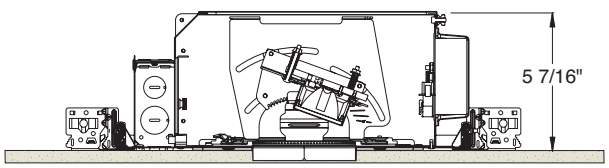
Housing	Color Temperature	Beam Optics	Drivers	Option
IC43L	**827** 2700K, 85CRI **830** 3000K, 85CRI **835** 3500K, 85CRI **840** 4000K, 85CRI **930** 3000K, 93CRI	**S** 12˚ Spot **N** 24˚ Narrow Flood **F** 35˚ Flood	**1** 120V, Forward & Reverse Phase Dimming **U** 120-277V, 0-10V Dimming **L** 120-277V, Lutron 3-wire Dimming, EcoSystem® Compatible	**CP** Chicago Plenum

Accessories

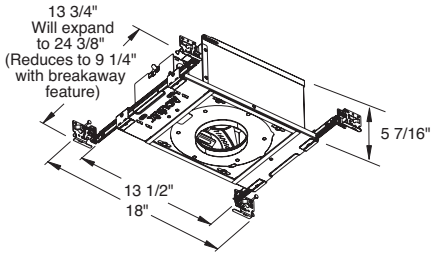
Catalog Number	Description
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Medium Green Color Filter
T7401	Red Dichroic Lens
T7403	Medium Green Dichroic Lens
T7404	Medium Blue Dichroic Lens
T7405	Yellow Dichroic Lens
T7406	Magenta Dichroic Lens
T7411	Blue Green (Cyan) Dichroic Lens
T7416	Daylight Blue Correction Lens
T7420	Diffuse Spread Lens
T7422	UV Filter Lens
T7477	Prismatic Lens
T7478	Linear Spread Lens
T7459BL	Hexcell Louver
FMA4	Flush Mount Adapter for Flush Mount Trim Installations
CTA4N-125	1 1/4" Thick Ceiling Adapter
CTA4N-163	1 5/8" Thick Ceiling Adapter
CTA4N-200	2" Thick Ceiling Adapter
TIR-1-SP	12° Spot Optic
TIR-1-NFL	24° Narrow Flood Optic
TIR-1-FL	35° Flood Optic
EMI-20	20W Emergency Lighting Inverter

To order, specify catalog number.

Dimensions



4 1/4" Ceiling Cutout
(4 3/8" for Flush Mount Trims)



Precision Recessed | IC943L 3 1/4" LED Adjustable Housing

IC Rated, 13W 700 Lumens

Description

Recessed adjustable 13W LED luminaire with commercial mounting brackets approximates the performance of a 50W MR16 lamp and has a L70 rated life of 50,000 hours. Fixture has 50° visual cutoff and features precision geared hot-aiming. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and controls plenum sound transmission. IC rated housing for use in direct contact with insulation.

Listings UL and cUL listed for direct contact with insulation, through-branch wiring, damp locations • Wet location with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • ENERGY STAR® Qualified and certified to high efficacy requirements of California T24-2008 with select trims • Union made

Features

- LED IC Rated new construction housing for use in direct contact with insulation
- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented, Tru-Line™ platform allows +/-1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 45° tilt hot aiming with a screwdriver
- Optimized center beam optics translates light engine forward as it is aimed off nadir
- Choice of three LED drivers to accommodate voltages of 120 – 277 volts AC at 50/60 Hz: • Dedicated 120V (-1) driver is dimmable with most incandescent, magnetic low voltage and electronic low voltage dimmers • Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers • Lutron A Series (-L) driver is 3-wire dimmable and compatible with EcoSystem®
- Vertically adjustable mounting brackets that accept 1/2" conduit, "C" channels, linear flat bars or telescoping Real Nail® bar hangers
- Available in (3) factory-configured beam spreads: 12° Spot, 24° Narrow Flood and 35° Flood • Modular optics are field interchangable • Patent pending auto-adjusting optic holder is spring loaded to maintain lens/reflector relationship and accepts up to (3) additional beam control lenses and/or filters

Ordering Information Example: IC943L-830-S-U

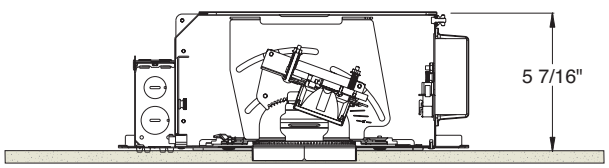
Housing	Color Temperature	Beam Optics	Drivers	Option
IC943L	**827** 2700K, 85CRI	**S** 12° Spot	**1** 120V, Forward & Reverse Phase Dimming	**CP** Chicago Plenum
	830 3000K, 85CRI	**N** 24° Narrow Flood	**U** 120-277V, 0-10V Dimming	
	835 3500K, 85CRI	**F** 35° Flood	**L** 120-277V, Lutron 3-wire Dimming, EcoSystem® Compatible	
	840 4000K, 85CRI			
	930 3000K, 93CRI			

Accessories

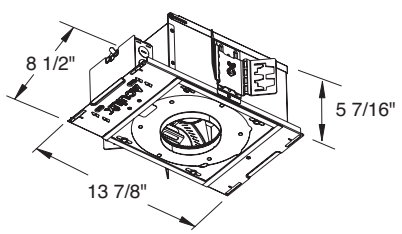
Catalog Number/Description		Catalog Number/Description		Catalog Number/Description	
T741	Medium Pink Color Filter	**T7406**	Magenta Dichroic Lens	**CTA4N-125**	1 1/4" Thick Ceiling Adapter
T742	Warm Red Color Filter	**T7411**	Blue Green (Cyan) Dichroic Lens	**CTA4N-163**	1 5/8" Thick Ceiling Adapter
T743	Daylight Blue Color Filter	**T7416**	Daylight Blue Correction Lens	**CTA4N-200**	2" Thick Ceiling Adapter
T744	Medium Blue Color Filter	**T7420**	Diffuse Spread Lens	**HB-1**	(2) Real Nail® Bar Hangers
T745	Medium Amber Color Filter	**T7422**	UV Filter Lens	**HB-26**	(2) 26" C-Channel Bar Hangers
T746	Medium Green Color Filter	**T7477**	Prismatic Lens	**HB-50**	(2) 50" C-Channel Bar Hangers
T7401	Red Dichroic Lens	**T7478**	Linear Spread Lens	**LB-27**	(2) 27" Linear Bar Hangers
T7403	Medium Green Dichroic Lens	**T7459BL**	Hexcell Louver	**TIR-1-SP**	12° Spot Optic
T7404	Medium Blue Dichroic Lens	**FMA4**	Flush Mount Adapter for Flush Mount Trim Installations	**TIR-1-NFL**	24° Narrow Flood Optic
T7405	Yellow Dichroic Lens			**TIR-1-FL**	35° Flood Optic
				EMI-20	20W Emergency Lighting Inverter

To order, specify catalog number.

Dimensions



4 1/4" Ceiling Cutout
(4 3/8" for Flush Mount Trims)



AculuX

Precision Recessed | TC49L 3 1/4" LED Adjustable Housing

Non-IC Rated, 20W 1000 Lumens

AIR-LOC

Description

Recessed adjustable 20W LED luminaire with Pro-VI™ bar hangers exceeds the performance of a 75W MR16 lamp and has a L70 rated life of 50,000 hours. Fixture has 50° visual cutoff and features precision geared hot-aiming. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and controls plenum sound transmission. Non-IC rated housing for use in non-insulated areas, or where insulation is spaced at least 3" from housing.

Listings UL and cUL listed for through-branch wiring, damp locations • Wet location with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • Union made

Features

- LED Non-IC Rated new construction housing for use in non-insulated areas or where insulation is spaced at least 3" from housing
- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented, Tru-Line™ platform allows +/-1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ optics employs precision gearing to achieve 370˚ rotation, 45˚ tilt hot aiming with a screwdriver
- Optimized center beam optics translates light engine forward as it is aimed off nadir
- Choice of two LED drivers to accommodate voltages of 120 – 277 volts AC at 50/60 Hz: • Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers • Lutron A Series (-L) driver is 3-wire dimmable and compatible with EcoSystem®
- Patented, Pro-VI™ telescoping bar hanger system has locking set screws • The captive bugle-headed ring shank nail allows for a quick one-step installation in joist construction while the robust bar eliminates flexing regardless of fixture position • For suspended ceilings, use integral t-notches with locking tabs
- Available in (3) factory-configured beam spreads: 12˚ Spot, 24˚ Narrow Flood and 35˚ Flood • Modular optics are field interchangable • Patent pending auto-adjusting optic holder is spring loaded to maintain lens/reflector relationship and accepts up to (3) additional beam control lenses and/or filters

Ordering Information Example: TC49L-830-N-U

Housing	Color Temperature		Beam Optics		Drivers		Option	
TC49L	827	2700K, 85CRI	S	12˚ Spot	U	120-277V, 0-10V Dimming	CP	Chicago Plenum
	830	3000K, 85CRI	N	24˚ Narrow Flood	L	120-277V, Lutron 3-wire Dimming, EcoSystem® Compatible		
	835	3500K, 85CRI	F	35˚ Flood				
	840	4000K, 85CRI						
	930	3000K, 93CRI						

Accessories

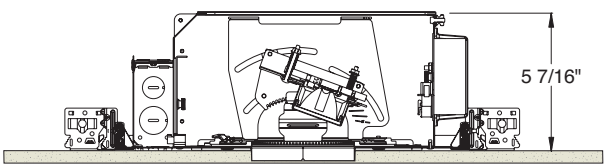
Catalog Number	Description
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Medium Green Color Filter
T7401	Red Dichroic Lens
T7403	Medium Green Dichroic Lens
T7404	Medium Blue Dichroic Lens

Catalog Number	Description
T7405	Yellow Dichroic Lens
T7406	Magenta Dichroic Lens
T7411	Blue Green (Cyan) Dichroic Lens
T7416	Daylight Blue Correction Lens
T7420	Diffuse Spread Lens
T7422	UV Filter Lens
T7477	Prismatic Lens
T7478	Linear Spread Lens
T7459BL	Hexcell Louver

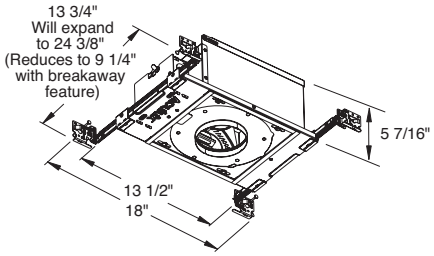
Catalog Number	Description
FMA4	Flush Mount Adapter for Flush Mount Trim Installations
CTA4N-125	1 1/4" Thick Ceiling Adapter
CTA4N-163	1 5/8" Thick Ceiling Adapter
CTA4N-200	2" Thick Ceiling Adapter
TIR-1-SP	12° Spot Optic
TIR-1-NFL	24° Narrow Flood Optic
TIR-1-FL	35° Flood Optic
EMI-20	20W Emergency Lighting Inverter

To order, specify catalog number.

Dimensions



4 1/4" Ceiling Cutout
(4 3/8" for Flush Mount Trims)



AculuX

Precision Recessed | TC949L 3 1/4" LED Adjustable Housing

Non-IC Rated, 20W 1000 Lumens

AIR-LOC

Description

Recessed adjustable 20W LED luminaire with commercial mounting brackets exceeds the performance of a 75W MR16 lamp and has a L70 rated life of 50,000 hours. Fixture has 50° visual cutoff and features precision geared hot-aiming. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and controls plenum sound transmission. Non-IC rated housing for use in non-insulated areas, or where insulation is spaced at least 3" from housing.

Listings UL and cUL listed for through-branch wiring, damp locations • Wet location with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • Union made

Features

- LED Non-IC Rated new construction housing for use in non-insulated areas or where insulation is spaced at least 3" from housing
- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented, Tru-Line™ platform allows +/-1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 45° tilt hot aiming with a screwdriver
- Optimized center beam optics translates light engine forward as it is aimed off nadir
- Choice of two LED drivers to accommodate voltages of 120 – 277 volts AC at 50/60 Hz: • Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers • Lutron A Series (-L) driver is 3-wire dimmable and compatible with EcoSystem®
- Vertically adjustable mounting brackets that accept 1/2" conduit, "C" channels, linear flat bars or telescoping Real Nail® bar hangers
- Available in (3) factory-configured beam spreads: 12° Spot, 24° Narrow Flood and 35° Flood • Modular optics are field interchangable • Patent pending auto-adjusting optic holder is spring loaded to maintain lens/reflector relationship and accepts up to (3) additional beam control lenses and/or filters

Ordering Information Example: TC949L-830-N-U

Housing	Color Temperature		Beam Optics		Drivers		Option	
TC949L	827	2700K, 85CRI	S	12° Spot	U	120-277V, 0-10V Dimming	CP	Chicago Plenum
	830	3000K, 85CRI	N	24° Narrow Flood	L	120-277V, Lutron 3-wire Dimming, EcoSystem® Compatible		
	835	3500K, 85CRI	F	35° Flood				
	840	4000K, 85CRI						
	930	3000K, 93CRI						

Accessories

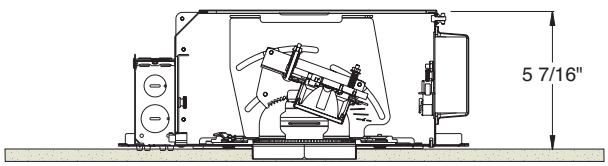
Catalog Number	Description
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Medium Green Color Filter
T7401	Red Dichroic Lens
T7403	Medium Green Dichroic Lens
T7404	Medium Blue Dichroic Lens
T7405	Yellow Dichroic Lens

To order, specify catalog number.

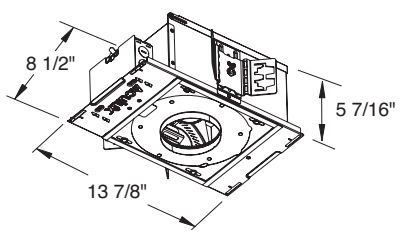
Catalog Number	Description
T7406	Magenta Dichroic Lens
T7411	Blue Green (Cyan) Dichroic Lens
T7416	Daylight Blue Correction Lens
T7420	Diffuse Spread Lens
T7422	UV Filter Lens
T7477	Prismatic Lens
T7478	Linear Spread Lens
T7459BL	Hexcell Louver
FMA4	Flush Mount Adapter for Flush Mount Trim Installations

Catalog Number	Description
CTA4N-125	1 1/4" Thick Ceiling Adapter
CTA4N-163	1 5/8" Thick Ceiling Adapter
CTA4N-200	2" Thick Ceiling Adapter
HB-1	(2) Real Nail® Bar Hangers
HB-26	(2) 26" C-Channel Bar Hangers
HB-50	(2) 50" C-Channel Bar Hangers
LB-27	(2) 27" Linear Bar Hangers
TIR-1-SP	12° Spot Optic
TIR-1-NFL	24° Narrow Flood Optic
TIR-1-FL	35° Flood Optic
EMI-20	20W Emergency Lighting Inverter

Dimensions



4 1/4" Ceiling Cutout
(4 3/8" for Flush Mount Trims)



Precision Recessed | TC43LR 3 1/4" LED Adjustable Remodel Housing Non-IC Rated, 13W 700 Lumens

Description

Recessed adjustable 13W LED luminaire approximates the performance of a 50W MR16 lamp and has a L70 rated life of 50,000 hours. Fixture has 50° visual cutoff. Non-IC rated housing for use in non-insulated areas, or where insulation is spaced at least 3" from housing. Installs quickly and securely with patented (US Patent 7,191,993) push-pull cable system through ceiling opening.

Listings UL and cUL listed for damp locations • Wet location with approved trims • Union made

Features

- LED Non-IC Rated remodel housing features patented "push-pull" system for quick easy installation • Requires 3" spacing from insulation
- 370˚ rotation and 35˚ adjustable tilt
- Choice of three LED drivers to accommodate voltages of 120 – 277 volts AC at 50/60 Hz: • Dedicated 120V (-1) driver is dimmable with most incandescent, magnetic low voltage and electronic low voltage dimmers • Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers • Lutron A Series (-L) driver is 3-wire dimmable and compatible with EcoSystem®
- Available in (3) factory-configured beam spreads: 12˚ Spot, 24˚ Narrow Flood and 35˚ Flood • Modular optics are field interchangable • Patent pending auto-adjusting optic holder is spring loaded to maintain lens/reflector relationship and accepts up to (2) additional beam control lenses and/or filters
- Compatible with ceiling thicknesses of 1/2" – 2"

Ordering Information Example: TC43LR-830-N-U

Housing		Color Temperature		Beam Optics		Drivers	
TC43LR	-	827	2700K, 85CRI	S	12˚ Spot	1	120V, Forward & Reverse Phase Dimming
		830	3000K, 85CRI	N	24˚ Narrow Flood	U	120-277V, 0-10V Dimming
		835	3500K, 85CRI	F	35˚ Flood	L	120-277V, Lutron 3-wire Dimming, EcoSystem® Compatible
		840	4000K, 85CRI				
		930	3000K, 93CRI				

Accessories

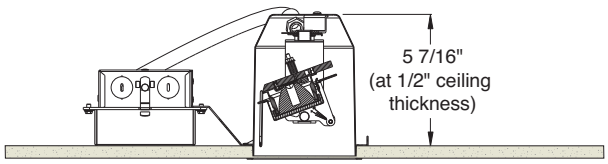
Catalog Number	Description
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Medium Green Color Filter
T7401	Red Dichroic Lens
T7403	Medium Green Dichroic Lens
T7404	Medium Blue Dichroic Lens

Catalog Number	Description
T7405	Yellow Dichroic Lens
T7406	Magenta Dichroic Lens
T7411	Blue Green (Cyan) Dichroic Lens
T7416	Daylight Blue Correction Lens
T7420	Diffuse Spread Lens
T7422	UV Filter Lens
T7477	Prismatic Lens
T7478	Linear Spread Lens
T7459BL	Hexcell Louver

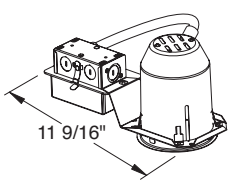
Catalog Number	Description
TIR-1-SP	12° Spot Optic
TIR-1-NFL	24° Narrow Flood Optic
TIR-1-FL	35° Flood Optic
EMI-20	20W Emergency Lighting Inverter

To order, specify catalog number.

Dimensions



4 3/8" Ceiling Cutout



Description

Precision recessed adjustable MR16 luminaire for accent, task or wall wash lighting. Fixture has 50° visual cutoff to lamp and lamp image. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and controls plenum sound transmission. IC rated housing for use in direct contact with insulation.

Listings UL and cUL listed for direct contact with insulation, through-branch wiring, damp locations • Wet location listed with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • Product thermally protected • Union made

Features

- Low Voltage IC Rated new construction housing for use in direct contact with insulation
- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented, Tru-Line™ platform allows +/-1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ optics employs precision gearing to achieve 370˚ rotation, 45˚ tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates lamp forward as it is aimed off nadir
- Choose from 120V High efficiency (>90%) dual tap potted magnetic or 120V High efficiency (>94%), high power factor electronic transformer
- Patented, Pro-VI™ telescoping bar hanger system has locking set screws • The captive bugle-headed ring shank nail allows for a quick one-step installation in joist construction while the robust bar eliminates flexing regardless of fixture position • For suspended ceilings, use integral t-notches with locking tabs
- Lampholder accepts up to (3) 2" beam control lenses and/or color correction/UV filters • Fixture is supplied with stippled clear uniformity lens
- 50W MR16 Maximum Lamp Rating

Ordering Information Example: IC43N

Housing		Transformer
IC43N	Blank	120V Magnetic
	E1	120V Electronic

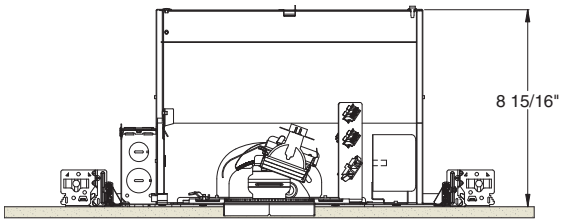
Accessories

Catalog Number/Description	
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Medium Green Color Filter
T7401	Red Dichroic Lens
T7403	Medium Green Dichroic Lens
T7404	Medium Blue Dichroic Lens
T7405	Yellow Dichroic Lens
T7406	Magenta Dichroic Lens

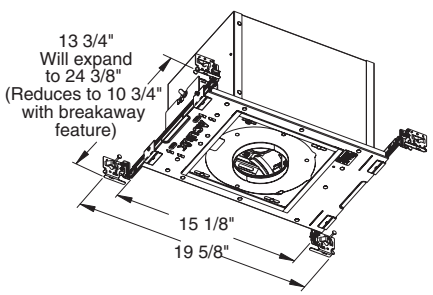
To order, specify catalog number.

Catalog Number/Description	
T7411	Blue Green (Cyan) Dichroic Lens
T7416	Daylight Blue Correction Lens
T7420	Diffuse Spread Lens
T7422	UV Filter Lens
T7477	Prismatic Lens
T7478	Linear Spread Lens
T7459BL	Hexcell Louver
FMA4	Flush Mount Adapter for Flush Mount Trim Installations
CTA4N-125	1 1/4" Thick Ceiling Adapter
CTA4N-163	1 5/8" Thick Ceiling Adapter
CTA4N-200	2" Thick Ceiling Adapter

Dimensions



4 1/4" Ceiling Cutout
(4 3/8" for Flush Mount Trims)



Precision Recessed | TC43N 3 1/4" MR16 Adjustable Housing

Non-IC Rated. Pro-VI™ Telescoping Bar Hangers

AIR-LOC

Description

Precision recessed adjustable MR16 luminaire for accent, task or wall wash lighting. Fixture has 50° visual cutoff to lamp and lamp image. Sealed Air-Loc housing ensures maximum energy savings and controls plenum sound transmission. Low profile non-IC housing is for use in non-insulated areas, or where insulation is spaced at least 3" from housing.

Listings UL and cUL listed for through-branch wiring, damp locations and wet locations listed with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • Product thermally protected against improper use of insulation • Union made

Features

- Low Voltage Non-IC Rated new construction housing for use where insulation is spaced 3" away from fixture
- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented, Tru-Line™ platform allows +/-1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 45° tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates lamp forward as it is aimed off nadir
- Choose from 120V High efficiency (>90%) dual tap potted magnetic or 120V High efficiency (>94%), high power factor electronic transformer
- Patented, Pro-VI™ telescoping bar hanger system has locking set screws • The captive bugle-headed ring shank nail allows for a quick one-step installation in joist construction while the robust bar eliminates flexing regardless of fixture position • For suspended ceilings, use integral t-notches with locking tabs
- Lampholder accepts up to (3) 2" beam control lenses and/or color correction/UV filters • Fixture is supplied with stippled clear uniformity lens
- 75W MR16 Maximum Lamp Rating

Ordering Information Example: TC43N

Housing		Transformer		Option
	-		-	
TC43N		**Blank**	120V Magnetic	**CP** Chicago Plenum
		E1	120V Electronic	

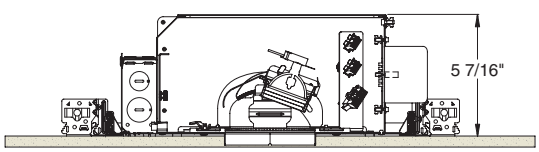
Accessories

Catalog Number	Description
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Medium Green Color Filter
T7401	Red Dichroic Lens
T7403	Medium Green Dichroic Lens
T7404	Medium Blue Dichroic Lens
T7405	Yellow Dichroic Lens
T7406	Magenta Dichroic Lens

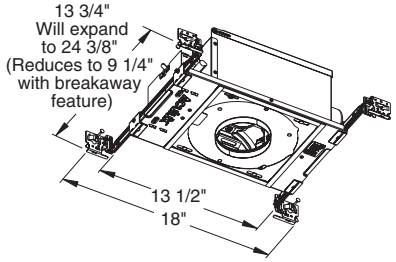
Catalog Number	Description
T7411	Blue Green (Cyan) Dichroic Lens
T7416	Daylight Blue Correction Lens
T7420	Diffuse Spread Lens
T7422	UV Filter Lens
T7477	Prismatic Lens
T7478	Linear Spread Lens
T7459BL	Hexcell Louver
FMA4	Flush Mount Adapter for Flush Mount Trim Installations
CTA4N-125	1 1/4" Thick Ceiling Adapter
CTA4N-163	1 5/8" Thick Ceiling Adapter
CTA4N-200	2" Thick Ceiling Adapter

To order, specify catalog number.

Dimensions



4 1/4" Ceiling Cutout
(4 3/8" for Flush Mount Trims)



Precision Recessed | TC43NR 3 1/4" MR16 Adjustable Remodel Housing Non-IC Rated

Description

Precision recessed adjustable MR16 remodel luminaire for accent or task lighting. Fixture has 50° visual cutoff to lamp and lamp image. Low profile non-IC housing is for use in non-insulated areas, or where insulation is spaced at least 3" from housing. Installs quickly and securely with patented (US Patent 7,191,993) push-pull cable system through ceiling opening.

Listings UL and cUL listed for through-branch wiring, damp locations and wet locations listed with approved trims • Product thermally protected against improper use of insulation • Union made

Features

- Low Voltage, Non-IC Rated remodel housing features patented "push-pull" system for quick, easy installation. Requires 3" spacing from insulation
- 35° adjustable tilt and 358° rotation
- Choose from a magnetic or electronic transformer. Magnetic: 120V thermally protected transformer is serviceable from below ceiling
  Electronic: 120V High efficiency (>95%), high power factor transformer
- Lampholder accepts up to (3) 2" beam control lenses and/or color correction/UV filters • Fixture is supplied with stippled clear uniformity lens
- 50W MR16 Maximum Lamp Rating
- Compatible with ceiling thicknesses of 1/2" – 2"

Ordering Information Example: **TC43NR**

Housing		Transformer
TC43NR	Blank	120V Magnetic
	E1	120V Electronic

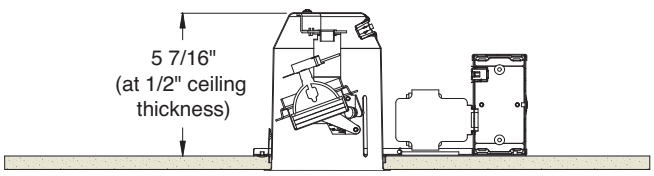
Accessories

Catalog Number	Description
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Medium Green Color Filter
T7401	Red Dichroic Lens
T7403	Medium Green Dichroic Lens
T7404	Medium Blue Dichroic Lens

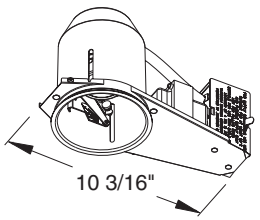
Catalog Number	Description
T7405	Yellow Dichroic Lens
T7406	Magenta Dichroic Lens
T7411	Blue Green (Cyan) Dichroic Lens
T7416	Daylight Blue Correction Lens
T7420	Diffuse Spread Lens
T7422	UV Filter Lens
T7477	Prismatic Lens
T7478	Linear Spread Lens
T7459BL	Hexcell Louver

To order, specify catalog number.

Dimensions



4 7/16" Ceiling Cutout
2" Maximum Ceiling Thickness



This product and systems may be covered by the following patent: US Patent 7,191,993

Precision Recessed | TC943N 3 1/4" MR16 Adjustable Housing

Non-IC Rated, Commercial Bar Hangers Brackets

Description

Precision recessed adjustable MR16 luminaire for accent, task or wall wash lighting. Fixture has 50° visual cutoff to lamp and lamp image. Low profile non-IC housing is for use in non-insulated areas, or where insulation is spaced at least 3" from housing. Supplied with vertically adjustable mounting brackets that accept ½" conduit, "C" channel bar hangers, linear bar hangers or telescoping Real Nail bar hangers.

Listings UL and cUL listed for through-branch wiring, damp locations and wet locations listed with approved trims • Product thermally protected against improper use of insulation • Union made

Features

- Low Voltage Non-IC Rated new construction housing for use where insulation is spaced 3" away from fixture
- Patented, Tru-Line™ platform allows +/-1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ optics employs precision gearing to achieve 370˚ rotation, 45˚ tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates lamp forward as it is aimed off nadir
- Fixture is available with four premium transformer options – Magnetic: 120V or 277V High efficiency (>90%) dual tap, potted magnetic, toroidal transformer • Electronic: 120V or 277V High efficiency (>94%), high power factor electronic transformer
- Supplied with vertically adjustable mounting brackets that accept 1/2" conduit, "C" channel hangers (HB-26 or HB-50), linear bar hangers (LB-27) or telescoping Juno Real Nail® bar hangers (HB-1)
- Lampholder accepts up to (3) 2" beam control lenses and/or color correction/UV filters • Fixture is supplied with stippled clear uniformity lens
- 75W MR16 Maximum Lamp Rating

Ordering Information Example: TC943N-E1

Housing		Transformer		Option	
TC943N	Blank	120V Magnetic	CP	Chicago Plenum
	V	277V Magnetic		
	E1	120V Electronic		
	E2	277V Electronic		

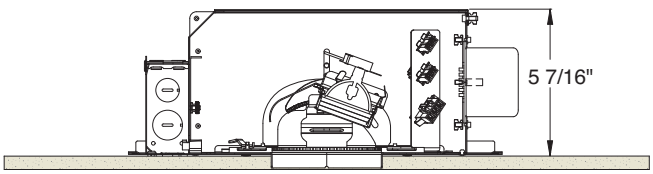
Accessories

Catalog Number	Description
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Medium Green Color Filter
T7401	Red Dichroic Lens
T7403	Medium Green Dichroic Lens
T7404	Medium Blue Dichroic Lens
T7405	Yellow Dichroic Lens
T7406	Magenta Dichroic Lens
T7411	Blue Green (Cyan) Dichroic Lens
T7416	Daylight Blue Correction Lens

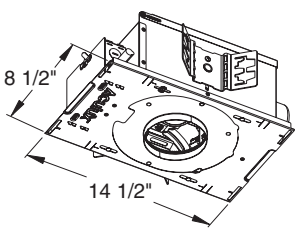
Catalog Number	Description
T7420	Diffuse Spread Lens
T7422	UV Filter Lens
T7477	Prismatic Lens
T7478	Linear Spread Lens
T7459BL	Hexcell Louver
FMA4	Flush Mount Adapter for Flush Mount Trim Installations
CTA4N-125	1 1/4" Thick Ceiling Adapter
CTA4N-163	1 5/8" Thick Ceiling Adapter
CTA4N-200	2" Thick Ceiling Adapter
HB-1	(2) Real Nail® 3 Bar Hangers
HB-26	(2) 26" C-Channel Bar Hangers
HB-50	(2) 50" C-Channel Bar Hangers
LB-27	(2) 27" Linear Bar Hangers

To order, specify catalog number.

Dimensions



4 1/4" Ceiling Cutout
(4 3/8" for Flush Mount Trims)



Precision Recessed | TC943M 3 1/4" CMH MR16 Adjustable Housing Non-IC Rated, Commercial Bar Hanger Brackets

Description

Precision recessed adjustable ceramic metal halide MR16 luminaire for accent, task or wall wash lighting. Fixture has 50° visual cutoff to lamp and lamp image. Low profile non-IC housing is for use in non-insulated areas, or where insulation is spaced at least 3" from housing. Supplied with vertically adjustable mounting brackets that accept ½" conduit, "C" channel bar hangers, linear bar hangers or telescoping Real Nail bar hangers.

Listings UL and cUL listed for through-branch wiring, damp locations and wet locations listed with approved trims • Product thermally protected against improper use of insulation • Union made

Features

- Energy Efficient, Non-IC Rated new construction housing for use where insulation is spaced 3" away from fixture
- Patented, Tru-Line™ platform allows +/- 1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment.
- Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 45° tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates lamp forward as it is aimed off nadir
- Supplied with vertically adjustable mounting brackets that accept 1/2" conduit, "C" channel hangers (HB-26 or HB-50), linear bar hangers (LB-27) or telescoping Juno Real Nail® bar hangers (HB-1)
- Choose from 120V or 277V high power factor, electronic solid state ballast
- Lampholder accepts (2) 2" beam control lenses and/or color correction/UV filters
- 20W or 39W CMH MR16, GX10 Base Lamp

Ordering Information Example: TC943M-MR16-20E1-CP

Housing	Wattage		Drivers		Option	
TC943M-MR16	20	20W	E1	120V	CP	Chicago Plenum
	39	39W	E2	277V		

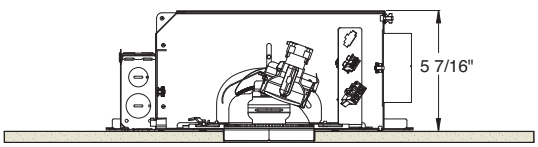
Accessories

Catalog Number	Description
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Medium Green Color Filter
T7401	Red Dichroic Lens
T7403	Medium Green Dichroic Lens
T7404	Medium Blue Dichroic Lens
T7405	Yellow Dichroic Lens
T7406	Magenta Dichroic Lens
T7411	Blue Green (Cyan) Dichroic Lens
T7416	Daylight Blue Correction Lens

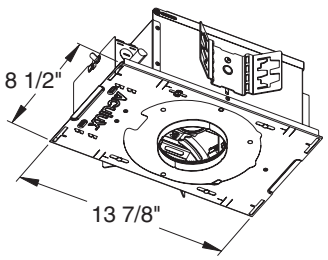
To order, specify catalog number.

Catalog Number	Description
T7420	Diffuse Spread Lens
T7422	UV Filter Lens
T7477	Prismatic Lens
T7478	Linear Spread Lens
T7459BL	Hexcell Louver
FMA4	Flush Mount Adapter for Flush Mount Trim Installations
CTA4N-125	1 1/4" Thick Ceiling Adapter
CTA4N-163	1 5/8" Thick Ceiling Adapter
CTA4N-200	2" Thick Ceiling Adapter
HB-1	(2) Real Nail® 3 Bar Hangers
HB-26	(2) 26" C-Channel Bar Hangers
HB-50	(2) 50" C-Channel Bar Hangers
LB-27	(2) 27" Linear Bar Hangers

Dimensions



4 1/4" Ceiling Cutout
(4 3/8" for Flush Mount Trims)



Precision Recessed | IC13N 3 1/4" PAR16/PAR20 Adjustable Housing IC Rated, Pro-VI™ Telescoping Bar Hangers

AIR-LOC

Description

Precision recessed adjustable PAR20/PAR16 luminaire for accent, task or wall wash lighting. Fixture has 50° visual cutoff to lamp and lamp image. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and controls plenum sound transmission. IC rated housing for use in direct contact with insulation.

Listings UL and cUL listed for direct contact with insulation, through-branch wiring, damp locations and wet locations listed with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • Product thermally protected • Union made

Features

- Line Voltage, IC Rated new construction housing for use in direct contact with insulation
- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented, Tru-Line™ platform allows +/- 1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 40° tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates lamp forward as it is aimed off nadir
- Patented Pro-VI™ telescoping bar hanger system has locking set screws • The captive bugle-headed ring shank nail allows for a quick one-step installation in joist construction while the robust bar eliminates flexing regardless of fixture position • For suspended ceilings, use integral t-notches with locking tabs
- 50W PAR20 or 60W PAR16 Maximum Lamp Rating

Ordering Information

Catalog Number: **IC13N**

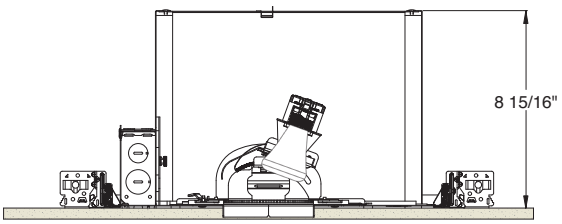
Accessories

Catalog Number/Description

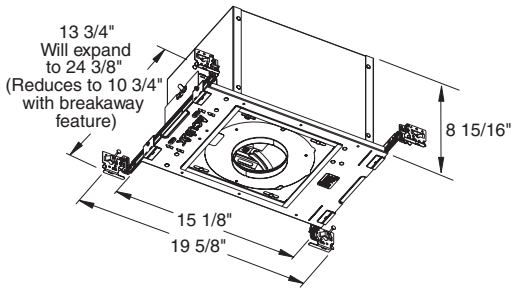
FMA4	Flush Mount Adapter for Flush Mount Trim Installations
CTA4N-125	1 1/4" Thick Ceiling Adapter
CTA4N-163	1 5/8" Thick Ceiling Adapter
CTA4N-200	2" Thick Ceiling Adapter

To order, specify catalog number.

Dimensions



4 1/4" Ceiling Cutout
(4 3/8" for Flush Mount Trims)



Precision Recessed | TC13N 3 1/4" PAR16/PAR20 Adjustable Housing Non-IC Rated, Pro-VI™ Telescoping Bar Hangers

AIR-LOC

Description

Precision recessed adjustable PAR20/PAR16 luminaire for accent, task or wall wash lighting. Fixture has 50° visual cutoff to lamp and lamp image. Sealed Air-Loc housing ensures maximum energy savings and controls plenum sound transmission. Low profile non-IC housing is for use in non-insulated areas, or where insulation is spaced at least 3" from housing.

Listings UL and cUL listed for through-branch wiring, damp locations and wet locations listed with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • Product thermally protected against improper use of insulation • Union made

Features

- Line Voltage, Non-IC Rated new construction housing for use where insulation is spaced 3" away from fixture
- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented, Tru-Line™ platform allows +/- 1/2" aperture translation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 40° tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates lamp forward as it is aimed off nadir
- Patented, Pro-VI™ telescoping bar hanger system has locking set screws • The captive bugle-headed ring shank nail allows for a quick one-step installation in joist construction while the robust bar eliminates flexing regardless of fixture position • For suspended ceilings, use integral t-notches with locking tabs
- 50W PAR20 or 75W PAR16 Maximum Lamp Rating

Ordering Information

Housing		Option
TC13N	-	**CP** Chicago Plenum

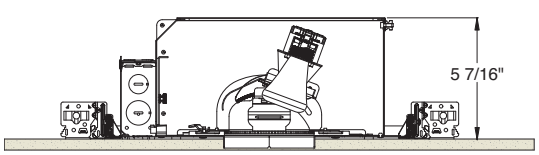
Accessories

Catalog Number/Description

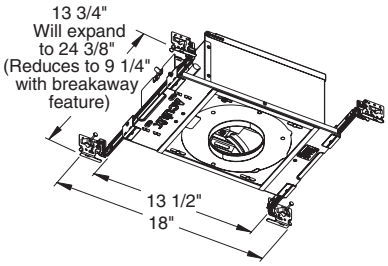
FMA4	Flush Mount Adapter for Flush Mount Trim Installations
CTA4N-125	1 1/4" Thick Ceiling Adapter
CTA4N-163	1 5/8" Thick Ceiling Adapter
CTA4N-200	2" Thick Ceiling Adapter

To order, specify catalog number.

Dimensions



4 1/4" Ceiling Cutout
(4 3/8" for Flush Mount Trims)



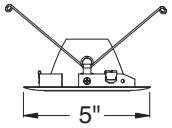
Precision Recessed | Trim Rings for IC43L, IC943L, TC49L, TC949L, TC43LR, IC43N, TC43N, TC43NR, TC943N, TC943M, IC13N & TC13N

Downlights

Deep Downlight Cone

Catalog #	Description
437NB-ABZ*	Black Alzak®, Aged Bronze Trim
437NB-SC*	Black Alzak®, Satin Chrome Trim
437NB-WH*	Black Alzak®, White Trim
437NC-WH	Clear Alzak®, White Trim
437NG-WH	Gold Alzak®, White Trim
437NHZ-SC	Haze Alzak®, Satin Chrome Trim
437NHZ-WH	Haze Alzak®, White Trim
437NWHZ-ABZ	Wheat Haze Alzak®, Aged Bronze Trim
437NWHZ-WH	Wheat Haze Alzak®, White Trim

Max. Lamp Rating
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC43NR: 50W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 1/4"



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Deep Downlight Baffle

Catalog #	Description
434NB-ABZ*	Black Baffle, Aged Bronze Trim
434NB-SC*	Black Baffle, Satin Chrome Trim
434NB-WH*	Black Baffle, White Trim
434NW-WH	White Baffle, White Trim

Max. Lamp Rating
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC43NR: 50W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 1/4"

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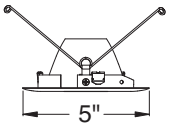
Downlight 1 1/4" Pinhole with Black Alzak® Reflector

Catalog #	Description
4337N-ABZ	Aged Bronze Trim
4337N-SC	Satin Chrome Trim
4337N-WH	White Trim

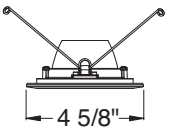
Max. Lamp Rating
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC43NR: 50W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 1/4"



Downlight Regressed 1 3/4" Pinhole with Black Alzak® Reflector

Catalog #	Description
4307N-WH	White Trim

Max. Lamp Rating‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 3/4"

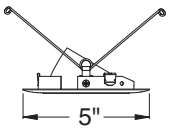


Adjustables

Angle-Cut Cone

Catalog #	Description
438NB-ABZ*	Black Alzak®, Aged Bronze Trim
438NB-SC*	Black Alzak®, Satin Chrome Trim
438NB-WH*	Black Alzak®, White Trim
438NC-WH	Clear Alzak®, White Trim
438NG-WH	Gold Alzak®, White Trim
438NHZ-SC	Haze Alzak®, Satin Chrome Trim
438NHZ-WH	Haze Alzak®, White Trim
438NWHZ-ABZ	Wheat Haze Alzak®, Aged Bronze Trim
438NWHZ-WH	Wheat Haze Alzak®, White Trim

Max. Lamp Rating
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC43NR: 50W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 1/4"



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‡ Not compatible with TC43NR

† ENERGY STAR® Qualified and T24 with IC LED luminaires and does not meet ENERGY STAR® or T24 with 93 CRI LED or when used with Remodel or Non-IC Rated Housings.

* Not ENERGY STAR® Qualified with Black Alzak Reflector or Black Baffle.

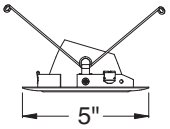
Precision Recessed | Trim Rings for IC43L, IC943L, TC49L, TC949L, TC43LR, IC43N, TC43N, TC43NR, TC943N, TC943M, IC13N & TC13N

Adjustables (cont)

20˚ Angle-Cut Cone

Catalog #	Description
430NB-WH*	Black Alzak®, White Trim
430NC-WH	Clear Alzak®, White Trim
430NG-WH	Gold Alzak®, White Trim
430NHZ-SC	Haze Alzak®, Satin Chrome Trim
430NHZ-WH	Haze Alzak®, White Trim
430NWHZ-ABZ	Wheat Haze Alzak®, Aged Bronze Trim
430NWHZ-WH	Wheat Haze Alzak®, White Trim

Max. Lamp Rating
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC43NR: 50W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 1/4"



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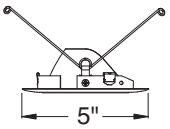
Slot Angle-Cut Cone

Catalog #	Description
436NB-ABZ*	Black Alzak®, Aged Bronze Trim
436NB-WH*	Black Alzak®, White Trim
436NB-SC*	Black Alzak®, Satin Chrome Trim
436NC-WH	Clear Alzak®, White Trim
436NG-WH	Gold Alzak®, White Trim
436NHZ-SC	Haze Alzak®, Satin Chrome Trim
436NHZ-WH	Haze Alzak®, White Trim
436NWHZ-ABZ	Wheat Haze Alzak®, Aged Bronze Trim
436NWHZ-WH	Wheat Haze Alzak®, White Trim

Max. Lamp Rating
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC43NR: 50W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 1/4"



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Angle-Cut Baffle

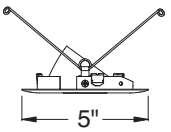
Catalog #	Description
435NB-ABZ	Black Baffle, Aged Bronze Trim
435NB-SC	Black Baffle, Satin Chrome Trim
435NB-WH	Black Baffle, White Trim
435NW-WH	White Baffle, White Trim

Max. Lamp Rating
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC43NR: 50W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 1/4"

Adjustable 1 1/4" Pinhole with Black Alzak® Reflector

Catalog #	Description
433N-ABZ	Aged Bronze Trim
433N-SC	Satin Chrome Trim
433N-WH	White Trim

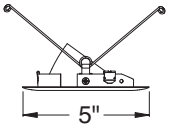
Max. Lamp Rating
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC43NR: 50W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 1/4"



Adjustable 1 3/4" Pinhole with Black Alzak® Reflector

Catalog #	Description
4335N-ABZ	Aged Bronze Trim
4335N-SC	Satin Chrome Trim
4335N-WH	White Trim

Max. Lamp Rating
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC43NR: 50W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 3/4"



† ENERGY STAR® Qualified and T24 with IC LED luminaires and does not meet ENERGY STAR® or T24 with 93 CRI LED or when used with Remodel or Non-IC Rated Housings.

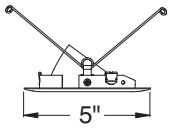
* Not ENERGY STAR® Qualified with Black Alzak Reflector or Black Baffle.

Adjustables (cont)

Slot Pinhole with Black Alzak® Reflector

Catalog #	Description
4345N-WH	White Trim

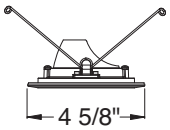
Max. Lamp Rating
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC43NR: 50W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 3/4" x 2 1/2" slot



Adjustable Regressed 1 3/4" Pinhole with Black Alzak® Reflector

Catalog #	Description
4308N-WH	White Trim

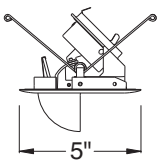
Max. Lamp Rating‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 3/4"



Mirrored Super Adjustable

Catalog #	Description
4349NB-BL	Black Baffle, Black Trim
4349NB-WH	Black Baffle, White Trim

Max. Lamp Rating‡
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16

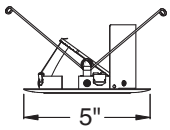


Wall Wash

Lensed Wall Wash Cone

Catalog #	Description
439NB-WH	Black Alzak®, White Trim
439NC-WH	Clear Alzak®, White Trim
439NG-WH	Gold Alzak®, White Trim
439NW-WH	White Cone, White Trim
439NHZ-SC	Haze Alzak®, Satin Chrome Trim
439NHZ-WH	Haze Alzak®, White Trim
439NWHZ-ABZ	Wheat Haze Alzak®, Aged Bronze Trim
439NWHZ-WH	Wheat Haze Alzak®, White Trim

Max. Lamp Rating
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC43NR: 50W MR16
TC943M: 20/39W CMH MR16
IC13N: 45W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 1/4"

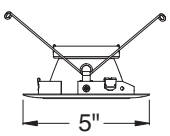


Lensed

Downlight Lensed Cone

Catalog #	Description
432NB-WH	Black Alzak®, White Trim
432NC-WH	Clear Alzak®, White Trim
432NG-WH	Gold Alzak®, White Trim
432NHZ-SC	Haze Alzak®, Satin Chrome Trim
432NHZ-WH	Haze Alzak®, White Trim
432NWHZ-ABZ	Wheat Haze Alzak®, Aged Bronze Trim
432NWHZ-WH	Wheat Haze Alzak®, White Trim

Max. Lamp Rating
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC43NR: 50W MR16
TC943M: 20/39W CMH MR16
IC13N: 45W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 1/4"



‡ Not compatible with TC43NR

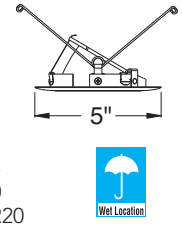
Precision Recessed | Trim Rings for IC43L, IC943L, TC49L, TC949L, TC43LR, IC43N, TC43N, TC43NR, TC943N, TC943M, IC13N & TC13N

Lensed (cont)

Angle-Cut Lensed Cone

Catalog #	Description
431NB-WH	Black Alzak®, White Trim
431NC-WH	Clear Alzak®, White Trim
431NG-WH	Gold Alzak®, White Trim
431NHZ-SC	Haze Alzak®, Satin Chrome Trim
431NHZ-WH	Haze Alzak®, White Trim
431NWHZ-ABZ	Wheat Haze Alzak®, Aged Bronze Trim
431NWHZ-WH	Wheat Haze Alzak®, White Trim

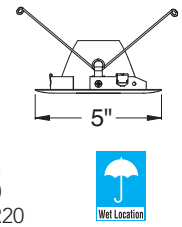
Max. Lamp Rating
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC43NR: 50W MR16
TC943M: 20/39W CMH MR16
IC13N: 45W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 1/4"



Downlight 1 1/4" Pinhole with Stippled Clear Uniformity Lens

Catalog #	Description
4332N-ABZ	Aged Bronze Trim
4332N-SC	Satin Chrome Trim
4332N-WH	White Trim

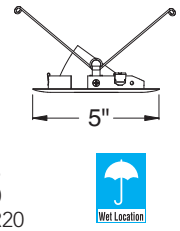
Max. Lamp Rating
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC43NR: 50W MR16
TC943M: 20/39W CMH MR16
IC13N: 45W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 1/4"



Adjustable 1 1/4" Pinhole with Stippled Clear Uniformity Lens

Catalog #	Description
4331N-ABZ	Aged Bronze Trim
4331N-SC	Satin Chrome Trim
4331N-WH	White Trim

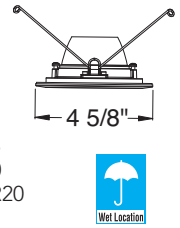
Max. Lamp Rating
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC43NR: 50W MR16
TC943M: 20/39W CMH MR16
IC13N: 45W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 1/4"



Downlight Regressed 1 3/4" Pinhole with Stippled Clear Uniformity Lens

Catalog #	Description
4302N-WH	White Trim

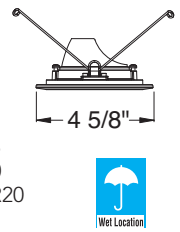
Max. Lamp Rating‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 45W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 3/4"



Adjustable Regressed 1 3/4" Pinhole with Stippled Clear Uniformity Lens

Catalog #	Description
4301N-WH	White Trim

Max. Lamp Rating‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 45W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 3/4"



‡ Not compatible with TC43NR

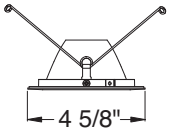
Precision Recessed | Self-Flanged Trims for IC43L, IC943L, TC49L, TC949L, TC43LR, IC43N, TC43N, TC943N, TC943M, IC13N & TC13N

Downlight

Deep Downlight Cone

Catalog # ◊	Description
437NB-SF*	Black Alzak®
437NC-SF	Clear Alzak®
437NG-SF	Gold Alzak®
437NHZ-SF	Haze Alzak®
437NWHZ-SF	Wheat Haze Alzak®

Max. Lamp Rating‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 3/8"



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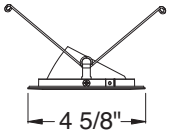
Adjustables

Angle-Cut Cone

Catalog # ◊	Description
438NB-SF*	Black Alzak®
438NC-SF	Clear Alzak®
438NG-SF	Gold Alzak®
438NHZ-SF	Haze Alzak®
438NWHZ-SF	Wheat Haze Alzak®

Max. Lamp Rating‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 3/8"



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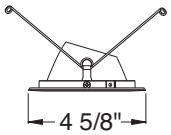
20˚ Angle-Cut Cone

Catalog # ◊	Description
430NB-SF*	Black Alzak®
430NC-SF	Clear Alzak®
430NG-SF	Gold Alzak®
430NHZ-SF	Haze Alzak®
430NWHZ-SF	Wheat Haze Alzak®

Max. Lamp Rating‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 3/8"



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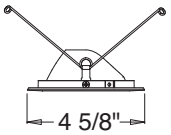
Slot Angle-Cut Cone

Catalog # ◊	Description
436NB-SF*	Black Alzak®
436NC-SF	Clear Alzak®
436NG-SF	Gold Alzak®
436NHZ-SF	Haze Alzak®
436NWHZ-SF	Wheat Haze Alzak®

Max. Lamp Rating‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 3/8"



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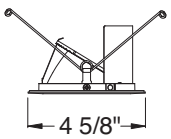
Wall Wash

Lensed Wall Wash Cone

Catalog # ◊	Description
439NB-SF	Black Alzak®
439NC-SF	Clear Alzak®
439NG-SF	Gold Alzak®
439NW-SF	White Cone
439NHZ-SF	Haze Alzak®
439NWHZ-SF	Wheat Haze Alzak®

Max. Lamp Rating‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 45W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 3/8"



Wet Location

‡ Not compatible with TC43NR

† ENERGY STAR® Qualified and T24 with IC LED luminaires and does not meet ENERGY STAR® or T24 with 93 CRI LED or when used with Remodel or Non-IC Rated Housings.

◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 438NB-SFWH)

* Not ENERGY STAR® Qualified with Black Alzak Reflector or Black Baffle.

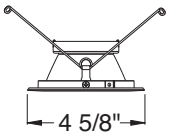
Precision Recessed | Self-Flanged Trims for IC43L, IC943L, TC49L, TC949L, TC43LR, IC43N, TC43N, TC943N, TC943M, IC13N & TC13N

Lensed

Downlight Lensed Cone

Catalog # ◊	Description
432NB-SF	Black Alzak®
432NC-SF	Clear Alzak®
432NG-SF	Gold Alzak®
432NHZ-SF	Haze Alzak®
432NWHZ-SF	Wheat Haze Alzak®

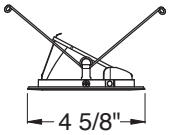
Max. Lamp Rating‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 45W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 3/8″



Angle-Cut Lensed Cone

Catalog # ◊	Description
431NB-SF	Black Alzak®
431NC-SF	Clear Alzak®
431NG-SF	Gold Alzak®
431NHZ-SF	Haze Alzak®
431NWHZ-SF	Wheat Haze Alzak®

Max. Lamp Rating‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
TC43LR: 13W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 45W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 3/8″



‡ Not compatible with TC43NR
◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 438NB-SFWH)

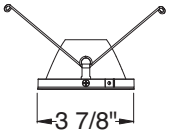
Precision Recessed | Flush Mount Trims for IC43L, IC943L, TC49L, TC949L, IC43N, TC43N, TC943N, TC943M, IC13N & TC13N

Downlight

Deep Downlight Cone

Catalog #	Description
437NB-FM*	Black Alzak®
437NC-FM	Clear Alzak®
437NG-FM	Gold Alzak®
437NHZ-FM	Haze Alzak®
437NWHZ-FM	Wheat Haze Alzak®

Max. Lamp Rating‡‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 3/8"

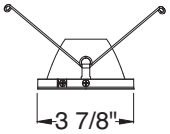


†

Downlight 1 1/4" Pinhole with Black Alzak® Reflector

Catalog #	Description
4337N-WH-FM	White Trim

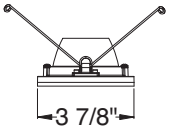
Max. Lamp Rating‡‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 1/4"



Downlight Regressed 1 3/4" Pinhole with Black Alzak® Reflector

Catalog #	Description
4307N-WH-FM	White Trim

Max. Lamp Rating‡‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 3/4"

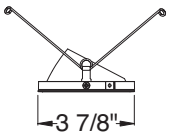


Adjustables

Angle-Cut Cone

Catalog #	Description
438NB-FM*	Black Alzak®
438NC-FM	Clear Alzak®
438NG-FM	Gold Alzak®
438NHZ-FM	Haze Alzak®
438NWHZ-FM	Wheat Haze Alzak®

Max. Lamp Rating‡‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 3/8"

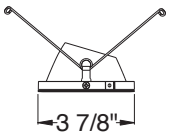


†

20˚ Angle-Cut Cone

Catalog #	Description
430NB-FM*	Black Alzak®
430NC-FM	Clear Alzak®
430NG-FM	Gold Alzak®
430NHZ-FM	Haze Alzak®
430NWHZ-FM	Wheat Haze Alzak®

Max. Lamp Rating‡‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 3/8"



†

† ENERGY STAR® Qualified and T24 with IC LED luminaires and does not meet ENERGY STAR® or T24 with 93 CRI LED or when used with Remodel or Non-IC Rated Housings.

‡‡ Not compatible with TC43NR & TC43LR

* Not ENERGY STAR® Qualified with Black Alzak Reflector or Black Baffle.

Important: Flush mount adapter is required for flush mount trim installations -FMA4. See compatible housing pages for ordering information.

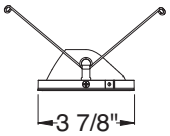
Precision Recessed | Flush Mount Trims for IC43L, IC943L, TC49L, TC949L, IC43N, TC43N, TC943N, TC943M, IC13N & TC13N

Adjustables (cont)

Slot Angle-Cut Cone

Catalog #	Description
436NB-FM*	Black Alzak®
436NC-FM	Clear Alzak®
436NG-FM	Gold Alzak®
436NHZ-FM	Haze Alzak®
436NWHZ-FM	Wheat Haze Alzak®

Max. Lamp Rating‡‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 3/8"

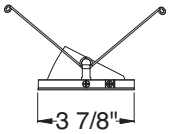


† †

Adjustable 1 1/4" Pinhole with Black Alzak® Reflector

Catalog #	Description
433N-WH-FM	White Trim

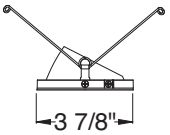
Max. Lamp Rating‡‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 1/4"



Adjustable 1 3/4" Pinhole with Black Alzak® Reflector

Catalog #	Description
4335N-WH-FM	White Trim

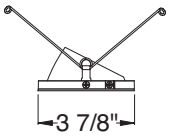
Max. Lamp Rating‡‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 3/4"



Slot Pinhole with Black Alzak® Reflector

Catalog #	Description
4345N-WH-FM	White Trim

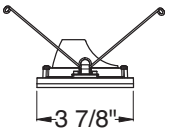
Max. Lamp Rating‡‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 3/4" x 2 1/2" slot



Adjustable Regressed 1 3/4" Pinhole with Black Alzak® Reflector

Catalog #	Description
4308N-WH-FM	White Trim

Max. Lamp Rating‡‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 60W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 3/4"



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† ENERGY STAR® Qualified and T24 with IC LED luminaires and does not meet ENERGY STAR® or T24 with 93 CRI LED or when used with Remodel or Non-IC Rated Housings.

‡‡ Not compatible with TC43NR & TC43LR

* Not ENERGY STAR® Qualified with Black Alzak Reflector or Black Baffle.

Important: Flush mount adapter is required for flush mount trim installations -FMA4. See compatible housing pages for ordering information.

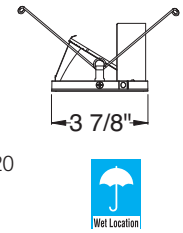
Precision Recessed | Flush Mount Trims for IC43L, IC943L, TC49L, TC949L, IC43N, TC43N, TC943N, TC943M, IC13N & TC13N

Wall Wash

Lensed Wall Wash Cone

Catalog #	Description
439NB-FM	Black Alzak®
439NC-FM	Clear Alzak®
439NG-FM	Gold Alzak®
439NW-FM	White Cone
439NHZ-FM	Haze Alzak®
439NWHZ-FM	Wheat Haze Alzak®

Max. Lamp Rating‡‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 45W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 3/8″

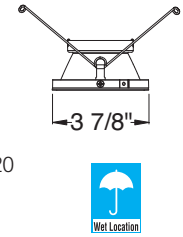


Lensed

Downlight Lensed Cone

Catalog #	Description
432NB-FM	Black Alzak®
432NC-FM	Clear Alzak®
432NG-FM	Gold Alzak®
432NHZ-FM	Haze Alzak®
432NWHZ-FM	Wheat Haze Alzak®

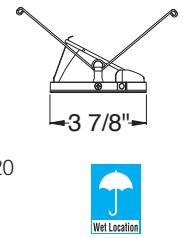
Max. Lamp Rating‡‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 45W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 3/8″



Angle-Cut Lensed Cone

Catalog #	Description
431NB-FM	Black Alzak®
431NC-FM	Clear Alzak®
431NG-FM	Gold Alzak®
431NHZ-FM	Haze Alzak®
431NWHZ-FM	Wheat Haze Alzak®

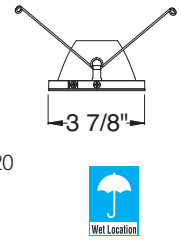
Max. Lamp Rating‡‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 45W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
3 3/8″



Downlight 1 1/4″ Pinhole with Stippled Clear Uniformity Lens

Catalog #	Description
4332N-WH-FM	White Trim

Max. Lamp Rating‡‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 45W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 1/4″



‡‡ Not compatible with TC43NR & TC43LR

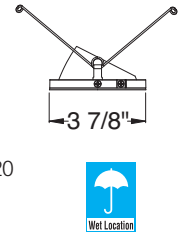
Important: Flush mount adapter is required for flush mount trim installations -FMA4. See compatible housing pages for ordering information.

Lensed (cont)

Adjustable 1 1/4" Pinhole with Stippled Clear Uniformity Lens

Catalog #	Description
4331N-WH-FM	White Trim

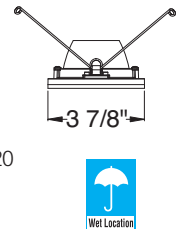
Max. Lamp Rating‡‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 45W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 1/4"



Downlight Regressed 1 3/4" Pinhole with Stippled Clear Uniformity Lens

Catalog #	Description
4302N-WH-FM	White Trim

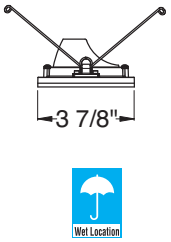
Max. Lamp Rating‡‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 45W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 3/4"



Adjustable Regressed 1 3/4" Pinhole with Stippled Clear Uniformity Lens

Catalog #	Description
4301N-WH-FM	White Trim

Max. Lamp Rating‡‡
IC43L/IC943L: 13W LED
TC49L/TC949L: 20W LED
IC43N: 50W MR16
TC43N/TC943N: 75W MR16
TC943M: 20/39W CMH MR16
IC13N: 45W PAR16/50W PAR20
TC13N: 75W PAR16/50W PAR20
Aperture
1 3/4"



‡‡ Not compatible with TC43NR & TC43LR

Important: Flush mount adapter is required for flush mount trim installations -FMA4. See compatible housing pages for ordering information.

Precision Recessed | IC43LSQ 3 1/4" Sq. LED Adjustable Housing IC Rated, 13W 700 Lumens

Description

Recessed adjustable 13W LED luminaire with Pro-VI™ bar hangers approximates the performance of a 50W MR16 lamp and has a L70 rated life of 50,000 hours. Fixture has 50° visual cutoff and features precision geared hot-aiming. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and controls plenum sound transmission. IC rated housing for use in direct contact with insulation.

Listings UL and cUL listed for direct contact with insulation, through-branch wiring, damp locations and wet locations with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • ENERGY STAR® Qualified and certified to high efficacy requirements of California T24-2008 with select trims • Union made

Features

- LED IC Rated new construction housing for use in direct contact with insulation
- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented, Tru-Line™ platform allows +/-1/2" aperture translation, and +/-45° aperture rotation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ optics employs precision gearing to achieve 370˚ rotation, 45˚ tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates light engine forward as it is aimed off nadir
- Choice of three LED drivers to accommodate voltages of 120 – 277 volts AC at 50/60 Hz: • Dedicated 120V (-1) driver is dimmable with most incandescent, magnetic low voltage and electronic low voltage dimmers • Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers • Lutron A Series (-L) driver is 3-wire dimmable and compatible with EcoSystem®
- Patented, Pro VI™ telescoping bar hanger system has locking set screws • The captive bugle-headed ring shank nail allows for a quick one-step installation in joist construction while the robust bar eliminates flexing regardless of fixture position • For suspended ceilings, use integral t-notches with locking tabs
- Available in (3) factory-configured beam spreads: 12˚ Spot, 24˚ Narrow Flood and 35˚ Flood • Modular optics are field interchangeable • Patent pending auto-adjusting optic holder is spring loaded to maintain lens/reflector relationship and accepts up to (3) additional beam control lenses and/or filters

Ordering Information Example: IC43LSQ-830-S-U

Housing	Color Temperature		Beam Optics		Drivers		Option	
IC43LSQ	827	2700K, 85CRI	S	12˚ Spot	1	120V, Forward & Reverse Phase Dimming	CP	Chicago Plenum
	830	3000K, 85CRI	N	24˚ Narrow Flood	U	120-277V, 0-10V Dimming		
	835	3500K, 85CRI	F	35˚ Flood	L	120-277V, Lutron 3-wire Dimming, EcoSystem® Compatible		
	840	4000K, 85CRI						
	930	3000K, 93CRI						

Accessories

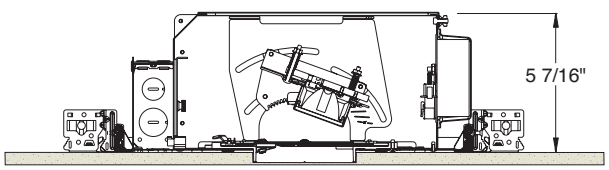
Catalog Number	Description
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Medium Green Color Filter
T7401	Red Dichroic Lens
T7403	Medium Green Dichroic Lens
T7404	Medium Blue Dichroic Lens

Catalog Number	Description
T7405	Yellow Dichroic Lens
T7406	Magenta Dichroic Lens
T7411	Blue Green (Cyan) Dichroic Lens
T7416	Daylight Blue Correction Lens
T7420	Diffuse Spread Lens
T7422	UV Filter Lens
T7477	Prismatic Lens
T7478	Linear Spread Lens
T7459BL	Hexcell Louver

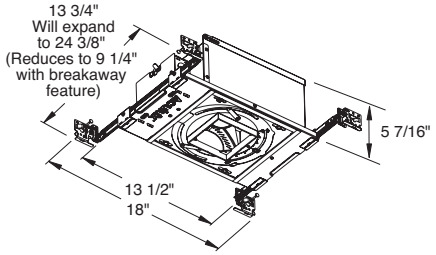
Catalog Number	Description
FMASQ4	Flush Mount Adapter for Flush Mount Trim Installations
CTA4SQ-125	1 1/4" Thick Ceiling Adapter
CTA4SQ-163	1 5/8" Thick Ceiling Adapter
CTA4SQ-200	2" Thick Ceiling Adapter
TIR-1-SP	12° Spot Optic
TIR-1-NFL	24° Narrow Flood Optic
TIR-1-FL	35° Flood Optic
EMI-20	20W Emergency Lighting Inverter

To order, specify catalog number.

Dimensions



4 1/8" Sq. Ceiling Cutout
(4 1/4" Sq. for Flush Mount Trims)



Precision Recessed | IC943LSQ 3 1/4" Sq. LED Adjustable Housing IC Rated, 13W 700 Lumens

Description

Recessed adjustable 13W LED luminaire with commercial mounting brackets approximates the performance of a 50W MR16 lamp and has a L70 rated life of 50,000 hours. Fixture has 50° visual cutoff and features precision geared hot-aiming. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and controls plenum sound transmission. IC rated housing for use in direct contact with insulation.

Listings UL and cUL listed for direct contact with insulation, through-branch wiring, damp locations and wet locations with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • ENERGY STAR® Qualified and certified to high efficacy requirements of California T24-2008 with select trims • Union made

Features

- LED IC Rated new construction housing for use in direct contact with insulation
- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented, Tru-Line™ platform allows +/-1/2" aperture translation, +/-45° aperture rotation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 45° tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates light engine forward as it is aimed off nadir
- Choice of three LED drivers to accommodate voltages of 120 – 277 volts AC at 50/60 Hz: • Dedicated 120V (-1) driver is dimmable with most incandescent, magnetic low voltage and electronic low voltage dimmers • Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers • Lutron A Series (-L) driver is 3-wire dimmable and compatible with EcoSystem®
- Vertically adjustable mounting brackets that accept 1/2" conduit, "C" channels, linear flat bars or telescoping Real Nail® bar hangers
- Available in (3) factory-configured beam spreads: 12° Spot, 24° Narrow Flood and 35° Flood • Modular optics are field interchangeable • Patent pending auto-adjusting optic holder is spring loaded to maintain lens/reflector relationship and accepts up to (3) additional beam control lenses and/or filters

Ordering Information Example: IC943LSQ-830-S-U

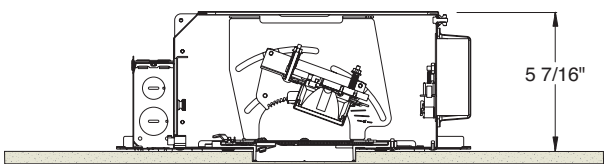
Housing	Color Temperature		Beam Optics		Drivers		Option	
IC943LSQ	827	2700K, 85CRI	S	12° Spot	1	120V, Forward & Reverse Phase Dimming	CP	Chicago Plenum
	830	3000K, 85CRI	N	24° Narrow Flood	U	120-277V, 0-10V Dimming		
	835	3500K, 85CRI	F	35° Flood	L	120-277V, Lutron 3-wire Dimming, EcoSystem® Compatible		
	840	4000K, 85CRI						
	930	3000K, 93CRI						

Accessories

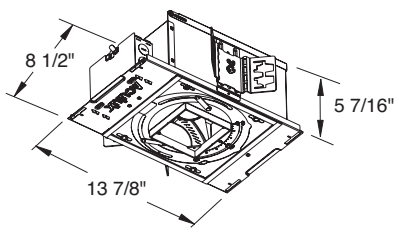
Catalog Number/Description		Catalog Number/Description		Catalog Number/Description	
T741	Medium Pink Color Filter	T7406	Magenta Dichroic Lens	CTA4SQ-125	1 1/4" Thick Ceiling Adapter
T742	Warm Red Color Filter	T7411	Blue Green (Cyan) Dichroic Lens	CTA4SQ-163	1 5/8" Thick Ceiling Adapter
T743	Daylight Blue Color Filter	T7416	Daylight Blue Correction Lens	CTA4SQ-200	2" Thick Ceiling Adapter
T744	Medium Blue Color Filter	T7420	Diffuse Spread Lens	HB-1	(2) Real Nail® Bar Hangers
T745	Medium Amber Color Filter	T7422	UV Filter Lens	HB-26	(2) 26" C-Channel Bar Hangers
T746	Medium Green Color Filter	T7477	Prismatic Lens	HB-50	(2) 50" C-Channel Bar Hangers
T7401	Red Dichroic Lens	T7478	Linear Spread Lens	LB-27	(2) 27" Linear Bar Hangers
T7403	Medium Green Dichroic Lens	T7459BL	Hexcell Louver	TIR-1-SP	12° Spot Optic
T7404	Medium Blue Dichroic Lens	FMASQ4	Flush Mount Adapter for Flush Mount Trim Installations	TIR-1-NFL	24° Narrow Flood Optic
T7405	Yellow Dichroic Lens			TIR-1-FL	35° Flood Optic
				EMI-20	20W Emergency Lighting Inverter

To order, specify catalog number.

Dimensions



4 1/8" Sq. Ceiling Cutout
(4 1/4" Sq. for Flush Mount Trims)



AculuX

Precision Recessed | TC49LSQ 3 1/4" Sq. LED Adjustable Housing Non-IC Rated, 20W 1000 Lumens

AIR-LOC

Description

Recessed adjustable 20W LED luminaire with Pro-VI™ bar hangers exceeds the performance of a 75W MR16 lamp and has a L70 rated life of 50,000 hours. Fixture has 50° visual cutoff and features precision geared hot-aiming. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and controls plenum sound transmission. Non-IC rated housing for use in non-insulated areas, or where insulation is spaced at least 3" from housing.

Listings UL and cUL listed for through-branch wiring, damp locations • Wet location with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • Union made

Features

- LED Non-IC Rated new construction housing for use in non-insulated areas or where insulation is spaced at least 3" from housing
- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented, Tru-Line™ platform allows +/-1/2" aperture translation, +/-45° aperture rotation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 45° tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates light engine forward as it is aimed off nadir
- Choice of two LED drivers to accommodate voltages of 120 – 277 volts AC at 50/60 Hz: • Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers • Lutron A Series (-L) driver is 3-wire dimmable and compatible with EcoSystem®
- Patented, Pro-VI™ telescoping bar hanger system has locking set screws • The captive bugle-headed ring shank nail allows for a quick one-step installation in joist construction while the robust bar eliminates flexing regardless of fixture position • For suspended ceilings, use integral t-notches with locking tabs
- Available in (3) factory-configured beam spreads: 12° Spot, 24° Narrow Flood and 35° Flood • Modular optics are field interchangable • Patent pending auto-adjusting optic holder is spring loaded to maintain lens/reflector relationship and accepts up to (3) additional beam control lenses and/or filters

Ordering Information Example: TC49LSQ-830-S-U

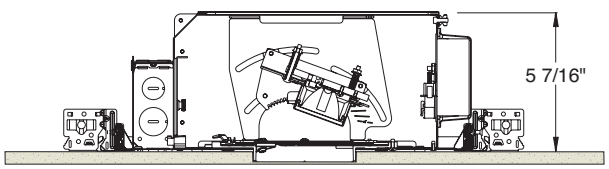
Housing	Color Temperature		Beam Optics		Drivers		Option	
TC49LSQ	827	2700K, 85CRI	S	12° Spot	U	120-277V, 0-10V Dimming	CP	Chicago Plenum
	830	3000K, 85CRI	N	24° Narrow Flood	L	120-277V, Lutron 3-wire Dimming, EcoSystem® Compatible		
	835	3500K, 85CRI	F	35° Flood				
	840	4000K, 85CRI						
	930	3000K, 93CRI						

Accessories

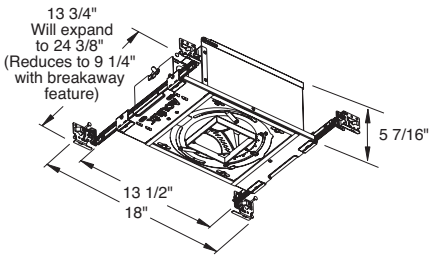
Catalog Number	Description
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Medium Green Color Filter
T7401	Red Dichroic Lens
T7403	Medium Green Dichroic Lens
T7404	Medium Blue Dichroic Lens
T7405	Yellow Dichroic Lens
T7406	Magenta Dichroic Lens
T7411	Blue Green (Cyan) Dichroic Lens
T7416	Daylight Blue Correction Lens
T7420	Diffuse Spread Lens
T7422	UV Filter Lens
T7477	Prismatic Lens
T7478	Linear Spread Lens
T7459BL	Hexcell Louver
FMASQ4	Flush Mount Adapter for Flush Mount Trim Installations
CTA4SQ-125	1 1/4" Thick Ceiling Adapter
CTA4SQ-163	1 5/8" Thick Ceiling Adapter
CTA4SQ-200	2" Thick Ceiling Adapter
TIR-1-SP	12° Spot Optic
TIR-1-NFL	24° Narrow Flood Optic
TIR-1-FL	35° Flood Optic
EMI-20	20W Emergency Lighting Inverter

To order, specify catalog number.

Dimensions



4 1/8" Sq. Ceiling Cutout
(4 1/4" Sq. for Flush Mount Trims)



AculuX

Precision Recessed | TC949LSQ 3 1/4" Sq. LED Adjustable Housing Non-IC Rated, 20W 1000 Lumens

AIR-LOC

Description

Recessed adjustable 20W LED luminaire with commercial brackets exceeds the performance of a 75W MR16 lamp and has a L70 rated life of 50,000 hours. Fixture has 50° visual cutoff and features precision geared hot-aiming. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and controls plenum sound transmission. Non-IC rated housing for use in non-insulated areas, or where insulation is spaced at least 3" from housing.

Listings UL and cUL listed for through-branch wiring, damp locations • Wet location with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • Union made

Features

- LED Non-IC Rated new construction housing for use in non-insulated areas or where insulation is spaced at least 3" from housing
- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented, Tru-Line™ platform allows +/-1/2" aperture translation, +/-45° aperture rotation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 45° tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates light engine forward as it is aimed off nadir
- Choice of two LED drivers to accommodate voltages of 120 – 277 volts AC at 50/60 Hz: • Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers • Lutron A Series (-L) driver is 3-wire dimmable and compatible with EcoSystem®
- Vertically adjustable mounting brackets that accept 1/2" conduit, "C" channels, linear flat bars or telescoping Real Nail® bar hangers
- Available in (3) factory-configured beam spreads: 12° Spot, 24° Narrow Flood and 35° Flood • Modular optics are field interchangable • Patent pending auto-adjusting optic holder is spring loaded to maintain lens/reflector relationship and accepts up to (3) additional beam control lenses and/or filters

Ordering Information Example: TC949LSQ-830-S-U

Housing	Color Temperature		Beam Optics		Drivers		Option	
TC949LSQ	827	2700K, 85CRI	S	12° Spot	U	120-277V, 0-10V Dimming	CP	Chicago Plenum
	830	3000K, 85CRI	N	24° Narrow Flood	L	120-277V, Lutron 3-wire Dimming, EcoSystem® Compatible		
	835	3500K, 85CRI	F	35° Flood				
	840	4000K, 85CRI						
	930	3000K, 93CRI						

Accessories

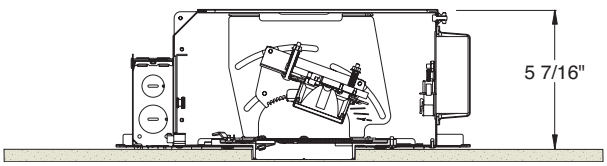
Catalog Number	Description
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Medium Green Color Filter
T7401	Red Dichroic Lens
T7403	Medium Green Dichroic Lens
T7404	Medium Blue Dichroic Lens
T7405	Yellow Dichroic Lens

To order, specify catalog number.

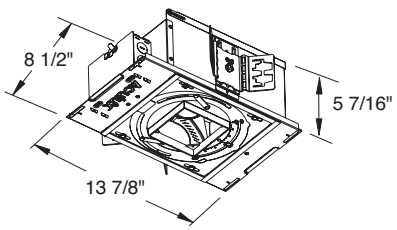
Catalog Number	Description
T7406	Magenta Dichroic Lens
T7411	Blue Green (Cyan) Dichroic Lens
T7416	Daylight Blue Correction Lens
T7420	Diffuse Spread Lens
T7422	UV Filter Lens
T7477	Prismatic Lens
T7478	Linear Spread Lens
T7459BL	Hexcell Louver
FMASQ4	Flush Mount Adapter for Flush Mount Trim Installations

Catalog Number	Description
CTA4SQ-125	1 1/4" Thick Ceiling Adapter
CTA4SQ-163	1 5/8" Thick Ceiling Adapter
CTA4SQ-200	2" Thick Ceiling Adapter
HB-1	(2) Real Nail® Bar Hangers
HB-26	(2) 26" C-Channel Bar Hangers
HB-50	(2) 50" C-Channel Bar Hangers
LB-27	(2) 27" Linear Bar Hangers
TIR-1-SP	12° Spot Optic
TIR-1-NFL	24° Narrow Flood Optic
TIR-1-FL	35° Flood Optic
EMI-20	20W Emergency Lighting Inverter

Dimensions



4 1/8" Sq. Ceiling Cutout
(4 1/4" Sq. for Flush Mount Trims)



Precision Recessed | IC43SQ 3 1/4" Sq. MR16 Adjustable Housing IC Rated, Pro-VI™ Telescoping Bar Hangers

AIR-LOC

Description

Precision recessed adjustable MR16 luminaire for accent, task or wall wash lighting. Fixture has 50° visual cutoff to lamp and lamp image. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and controls plenum sound transmission. IC rated housing for use in direct contact with insulation.

Listings UL and cUL listed for direct contact with insulation, through-branch wiring, damp locations and wet location listed with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • Product thermally protected • Union made

Features

- Low Voltage IC Rated new construction housing for use in direct contact with insulation
- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented, Tru-Line™ platform allows +/-1/2" aperture translation, +/-45° aperture rotation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 45° tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates lamp forward as it is aimed off nadir
- Choose from 120V High efficiency (>90%) dual tap potted magnetic or 120V High efficiency (>94%), high power factor electronic transformer
- Patented, Pro-VI™ telescoping bar hanger system has locking set screws • The captive bugle-headed ring shank nail allows for a quick one-step installation in joist construction while the robust bar eliminates flexing regardless of fixture position • For suspended ceilings, use integral t-notches with locking tabs
- Lampholder accepts up to (3) 2" beam control lenses and/or color correction/UV filters • Fixture is supplied with stippled clear uniformity lens
- 50W MR16 Maximum Lamp Rating

Ordering Information Example: IC43SQ-E1

Housing		Transformer
IC43SQ	Blank	120V Magnetic
	E1	120V Electronic

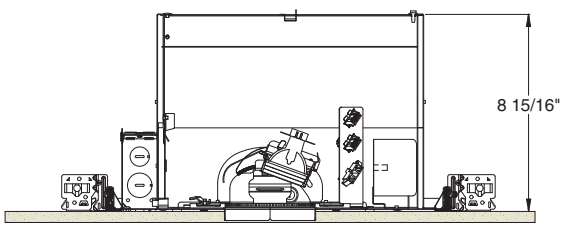
Accessories

Catalog Number	Description
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Medium Green Color Filter
T7401	Red Dichroic Lens
T7403	Medium Green Dichroic Lens
T7404	Medium Blue Dichroic Lens
T7405	Yellow Dichroic Lens
T7406	Magenta Dichroic Lens

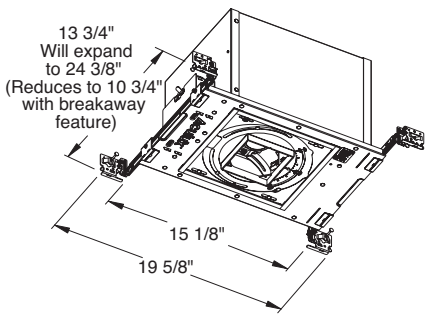
To order, specify catalog number.

Catalog Number	Description
T7411	Blue Green (Cyan) Dichroic Lens
T7416	Daylight Blue Correction Lens
T7420	Diffuse Spread Lens
T7422	UV Filter Lens
T7477	Prismatic Lens
T7478	Linear Spread Lens
T7459BL	Hexcell Louver
FMASQ4	Flush Mount Adapter for Flush Mount Trim Installations
CTA4SQ-125	1 1/4" Thick Ceiling Adapter
CTA4SQ-163	1 5/8" Thick Ceiling Adapter
CTA4SQ-200	2" Thick Ceiling Adapter

Dimensions



4 1/8" Ceiling Cutout
(4 1/4" for Flush Mount Trims)



Precision Recessed | TC43SQ 3 1/4" Sq. MR16 Adjustable Housing Non-IC Rated. Pro-VI™ Telescoping Bar Hangers

AIR-LOC

Description

Precision recessed adjustable MR16 luminaire for accent, task or wall wash lighting. Fixture has 50° visual cutoff to lamp and lamp image. Sealed Air-Loc housing ensures maximum energy savings and controls plenum sound transmission. Low profile non-IC housing is for use in non-insulated areas, or where insulation is spaced at least 3" from housing.

Listings UL and cUL listed for through-branch wiring, damp locations and wet locations listed with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • Product thermally protected against improper use of insulation • Union made

Features

- Low Voltage Non-IC Rated new construction housing for use where insulation is spaced 3" away from fixture
- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented, Tru-Line™ platform allows +/-1/2" aperture translation, +/-45° aperture rotation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 45° tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates lamp forward as it is aimed off nadir
- Choose from 120V High efficiency (>90%) dual tap potted magnetic or 120V High efficiency (>94%), high power factor electronic transformer
- Patented, Pro-VI™ telescoping bar hanger system has locking set screws • The captive bugle-headed ring shank nail allows for a quick one-step installation in joist construction while the robust bar eliminates flexing regardless of fixture position • For suspended ceilings, use integral t-notches with locking tabs
- Lampholder accepts up to (3) 2" beam control lenses and/or color correction/UV filters • Fixture is supplied with stippled clear uniformity lens
- 75W MR16 Maximum Lamp Rating

Ordering Information Example: TC43SQ-E1

Housing	Transformer	Option
TC43SQ	**Blank** 120V Magnetic **E1** 120V Electronic	**CP** Chicago Plenum

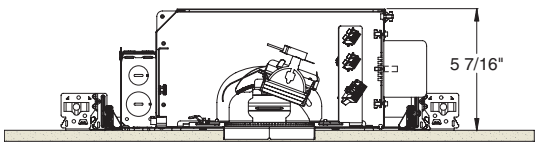
Accessories

Catalog Number/Description	
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Medium Green Color Filter
T7401	Red Dichroic Lens
T7403	Medium Green Dichroic Lens
T7404	Medium Blue Dichroic Lens
T7405	Yellow Dichroic Lens
T7406	Magenta Dichroic Lens

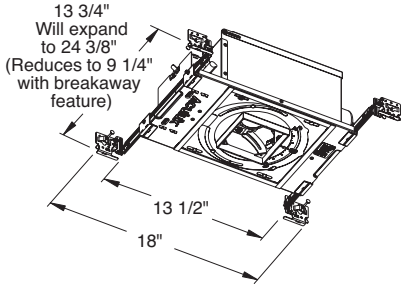
Catalog Number/Description	
T7411	Blue Green (Cyan) Dichroic Lens
T7416	Daylight Blue Correction Lens
T7420	Diffuse Spread Lens
T7422	UV Filter Lens
T7477	Prismatic Lens
T7478	Linear Spread Lens
T7459BL	Hexcell Louver
FMASQ4	Flush Mount Adapter for Flush Mount Trim Installations
CTA4SQ-125	1 1/4" Thick Ceiling Adapter
CTA4SQ-163	1 5/8" Thick Ceiling Adapter
CTA4SQ-200	2" Thick Ceiling Adapter

To order, specify catalog number.

Dimensions



4 1/8" Sq. Ceiling Cutout
(4 1/4" Sq. for Flush Mount Trims)



Precision Recessed | TC943SQ 3 1/4" Sq. MR16 Adjustable Housing Non-IC Rated, Commercial Bar Hangers Brackets

Description

Precision recessed adjustable MR16 luminaire for accent, task or wall wash lighting. Fixture has 50° visual cutoff to lamp and lamp image. Low profile non-IC housing is for use in non-insulated areas, or where insulation is spaced at least 3" from housing. Supplied with vertically adjustable mounting brackets that accept ½" conduit, "C" channel bar hangers, linear bar hangers or telescoping Real Nail bar hangers.

Listings UL and cUL listed for through-branch wiring, damp locations and wet locations listed with approved trims • Product thermally protected against improper use of insulation • Union made

Features

- Low Voltage Non-IC Rated new construction housing for use where insulation is spaced 3" away from fixture
- Patented, Tru-Line™ platform allows +/-1/2" aperture translation, +/-45° aperture rotation after installation prior to finished ceiling, aiding fixture-to-fixture alignment
- Acu-Aim™ optics employs precision gearing to achieve 370˚ rotation, 45˚ tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates lamp forward as it is aimed off nadir
- Fixture is available with four premium transformer options – Magnetic: 120V or 277V High efficiency (>90%) dual tap, potted magnetic, toroidal transformer • Electronic: 120V or 277V High efficiency (>94%), high power factor electronic transformer
- Supplied with vertically adjustable mounting brackets that accept 1/2" conduit, "C" channel hangers (HB-26 or HB-50), linear bar hangers (LB-27) or telescoping Juno Real Nail® bar hangers (HB-1)
- Lampholder accepts up to (3) 2" beam control lenses and/or color correction/UV filters • Fixture is supplied with stippled clear uniformity lens
- 75W MR16 Maximum Lamp Rating

Ordering Information Example: TC943SQ-E1

Housing		Transformer		Option	
TC943SQ	-	Blank	120V Magnetic	CP	Chicago Plenum
		V	277V Magnetic		
		E1	120V Electronic		
		E2	277V Electronic		

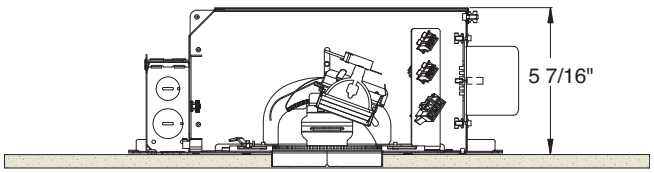
Accessories

Catalog Number	Description
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Medium Green Color Filter
T7401	Red Dichroic Lens
T7403	Medium Green Dichroic Lens
T7404	Medium Blue Dichroic Lens
T7405	Yellow Dichroic Lens
T7406	Magenta Dichroic Lens
T7411	Blue Green (Cyan) Dichroic Lens
T7416	Daylight Blue Correction Lens

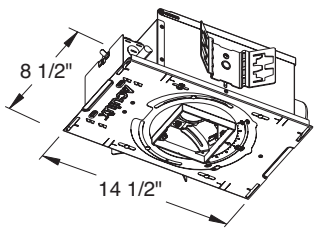
Catalog Number	Description
T7420	Diffuse Spread Lens
T7422	UV Filter Lens
T7477	Prismatic Lens
T7478	Linear Spread Lens
T7459BL	Hexcell Louver
FMASQ4	Flush Mount Adapter for Flush Mount Trim Installations
CTA4SQ-125	1 1/4" Thick Ceiling Adapter
CTA4SQ-163	1 5/8" Thick Ceiling Adapter
CTA4SQ-200	2" Thick Ceiling Adapter
HB-1	(2) Real Nail® 3 Bar Hangers
HB-26	(2) 26" C-Channel Bar Hangers
HB-50	(2) 50" C-Channel Bar Hangers
LB-27	(2) 27" Linear Bar Hangers

To order, specify catalog number.

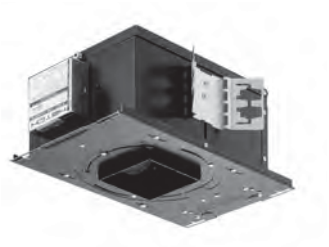
Dimensions



4 1/8" Sq. Ceiling Cutout
(4 1/4" Sq. for Flush Mount Trims)



Precision Recessed | TC943MSQ 3 1/4" Sq. CMH MR16 Adjustable Housing Non-IC Rated, Commercial Bar Hanger Brackets



Description

Precision recessed adjustable ceramic metal halide MR16 luminaire for accent, task or wall wash lighting. Fixture has 50° visual cutoff to lamp and lamp image. Low profile non-IC housing is for use in non-insulated areas, or where insulation is spaced at least 3" from housing. Supplied with vertically adjustable mounting brackets that accept ½" conduit, "C" channel bar hangers, linear bar hangers or telescoping Real Nail bar hangers.

Listings UL and cUL listed for through-branch wiring, damp locations and wet locations listed with approved trims • Product thermally protected against improper use of insulation • Union made

Features

- Energy Efficient, Non-IC Rated new construction housing for use where insulation is spaced 3" away from fixture
- Patented, Tru-Line™ platform allows +/- 1/2" aperture translation, +/-45° aperture rotation after installation prior to finished ceiling, aiding fixture-to-fixture alignment.
- Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 45° tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates lamp forward as it is aimed off nadir
- Supplied with vertically adjustable mounting brackets that accept 1/2" conduit, "C" channel hangers (HB-26 or HB-50), linear bar hangers (LB-27) or telescoping Juno Real Nail® bar hangers (HB-1)
- Choose from 120V or 277V high power factor, electronic solid state ballast
- Lampholder accepts (2) 2" beam control lenses and/or color correction/UV filters
- 20W or 39W CMH MR16, GX10 Base Lamp

Ordering Information Example: TC943MSQ-MR16-20E1-CP

Housing	Wattage		Voltage		Option	
TC943MSQ-MR16	**20**	20W	**E1**	120V	**CP**	Chicago Plenum
	39	39W	**E2**	277V		

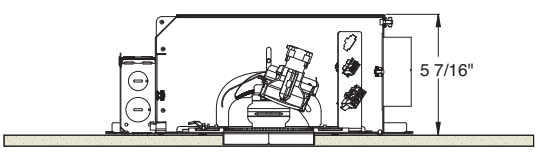
Accessories

Catalog Number	Description
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Medium Green Color Filter
T7401	Red Dichroic Lens
T7403	Medium Green Dichroic Lens
T7404	Medium Blue Dichroic Lens
T7405	Yellow Dichroic Lens
T7406	Magenta Dichroic Lens
T7411	Blue Green (Cyan) Dichroic Lens
T7416	Daylight Blue Correction Lens

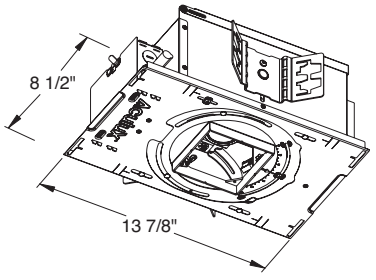
To order, specify catalog number.

Catalog Number	Description
T7420	Diffuse Spread Lens
T7422	UV Filter Lens
T7477	Prismatic Lens
T7478	Linear Spread Lens
T7459BL	Hexcell Louver
FMASQ4	Flush Mount Adapter for Flush Mount Trim Installations
CTA4SQ-125	1 1/4" Thick Ceiling Adapter
CTA4SQ-163	1 5/8" Thick Ceiling Adapter
CTA4SQ-200	2" Thick Ceiling Adapter
HB-1	(2) Real Nail® 3 Bar Hangers
HB-26	(2) 26" C-Channel Bar Hangers
HB-50	(2) 50" C-Channel Bar Hangers
LB-27	(2) 27" Linear Bar Hangers

Dimensions



4 1/8" Sq. Ceiling Cutout
(4 1/4" Sq. for Flush Mount Trims)



Description

Precision recessed adjustable PAR20/PAR16 luminaire for accent, task or wall wash lighting. Fixture has 50° visual cutoff to lamp and lamp image. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and controls plenum sound transmission. IC rated housing for use in direct contact with insulation.

Listings UL and cUL listed for direct contact with insulation, through-branch wiring, damp locations and wet locations listed with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • Product thermally protected • Union made

Features

- Line Voltage, IC Rated new construction housing for use in direct contact with insulation
- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented, Tru-Line™ platform allows +/- 1/2" aperture translation, +/-45° aperture rotation after installation prior to finished ceiling, aiding fixture-to-fixture alignment.
- Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 40° tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates lamp forward as it is aimed off nadir
- Patented, Pro-VI™ telescoping bar hanger system has locking set screws • The captive bugle-headed ring shank nail allows for a quick one-step installation in joist construction while the robust bar eliminates flexing regardless of fixture position • For suspended ceilings, use integral t-notches with locking tabs
- 50W PAR20 or 60W PAR16 Maximum Lamp Rating

Ordering Information

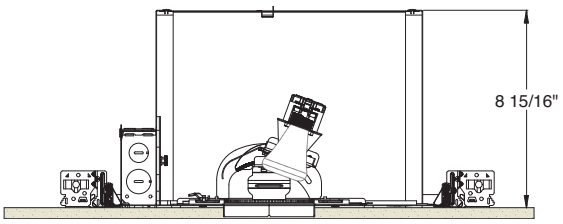
Catalog Number: **IC13SQ**

Accessories

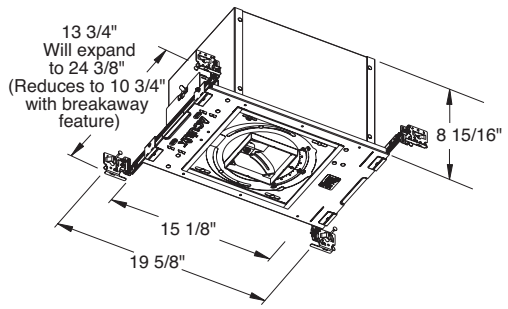
Catalog Number/Description	
FMASQ4	Flush Mount Adapter for Flush Mount Trim Installations
CTA4SQ-125	1 1/4" Thick Ceiling Adapter
CTA4SQ-163	1 5/8" Thick Ceiling Adapter
CTA4SQ-200	2" Thick Ceiling Adapter

To order, specify catalog number.

Dimensions



4 1/8" Sq. Ceiling Cutout
(4 1/4" Sq. for Flush Mount Trims)



Precision Recessed | TC13SQ 3 1/4" Sq. PAR16/PAR20 Adjustable Housing Non-IC Rated, Pro-VI™ Telescoping Bar Hangers

AIR-LOC

Description

Precision recessed adjustable PAR20/PAR16 luminaire for accent, task or wall wash lighting. Fixture has 50° visual cutoff to lamp and lamp image. Sealed Air-Loc housing ensures maximum energy savings and controls plenum sound transmission. Low profile non-IC housing is ideal for space restricted plenum applications and is for use in non-insulated areas, or where insulation is spaced at least 3" from housing.

Listings UL and cUL listed for through-branch wiring, damp locations and wet locations listed with approved trims • Meets energy code Air Leakage requirements per ASTM E283 • Product thermally protected against improper use of insulation • Union made

Features

- Line Voltage, Non-IC Rated new construction housing for use where insulation is spaced 3" away from fixture
- Sealed Air Loc® housing eliminates air flow and reduces sound transmission through plenum
- Patented, Tru-Line™ platform allows +/- 1/2" aperture translation, +/-45° aperture rotation after installation prior to finished ceiling, aiding fixture-to-fixture alignment.
- Acu-Aim™ optics employs precision gearing to achieve 370° rotation, 40° tilt hot aiming with a screwdriver
- Optimized center lamp beam optics translates lamp forward as it is aimed off nadir.
- Patented, Pro-VI™ telescoping bar hanger system has locking set screws • The captive bugle-headed ring shank nail allows for a quick one-step installation in joist construction while the robust bar eliminates flexing regardless of fixture position • For suspended ceilings, use integral t-notches with locking tabs
- 50W PAR20 or 75W PAR16 Maximum Lamp Rating

Ordering Information Example: TC13SQ

Housing		Option
TC13SQ	-	CP Chicago Plenum

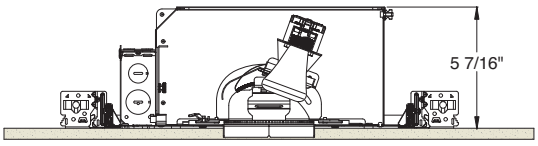
Accessories

Catalog Number/Description

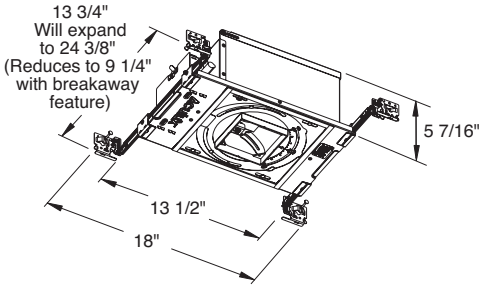
FMASQ4	Flush Mount Adapter for Flush Mount Trim Installations
CTA4SQ-125	1 1/4" Thick Ceiling Adapter
CTA4SQ-163	1 5/8" Thick Ceiling Adapter
CTA4SQ-200	2" Thick Ceiling Adapter

To order, specify catalog number.

Dimensions



4 1/8" Sq. Ceiling Cutout
(4 1/4" Sq. for Flush Mount Trims)



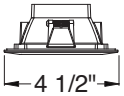
Precision Recessed | Self-Flanged Trims for IC43LSQ, IC943LSQ, TC49LSQ, TC949LSQ, IC43SQ, TC43SQ, TC943SQ, TC943MSQ, IC13SQ & TC13SQ

Downlights

Deep Downlight Reflector

Catalog # ◊	Description
437SQBHZ-SF*	Black Haze
437SQW-SF	White
437SQHZ-SF	Haze
437SQWHZ-SF*	Wheat Haze

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 60W PAR16/50W PAR20
TC13SQ: 75W PAR16/50W PAR20
Aperture
3 1/4"

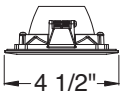


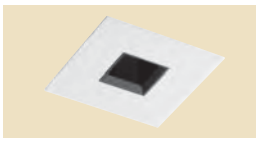
† ENERGY STAR® Qualified and T24 with IC LED luminaires and does not meet ENERGY STAR® or T24 with 93 CRI LED or when used with Remodel or Non-IC Rated Housings.

Downlight Regressed 1 3/4" Pinhole with Black Alzak® Reflector

Catalog #	Description
4307SQ-WH	White Trim

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 45W PAR16/50W PAR20
TC13SQ: 60W PAR16/50W PAR20
Aperture
1 3/4"

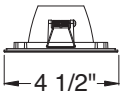




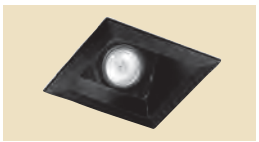
Downlight 1 1/4" Pinhole with Black Alzak® Reflector

Catalog #	Description
4337SQ-WH	White Trim

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 60W PAR16/50W PAR20
TC13SQ: 75W PAR16/50W PAR20
Aperture
1 1/4"



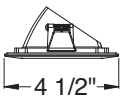
Adjustables



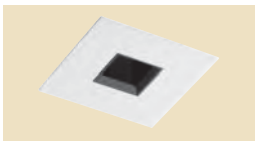
Angle-Cut Reflector

Catalog # ◊	Description
438SQBHZ-SF*	Black Haze
438SQW-SF	White
438SQHZ-SF	Haze
438SQWHZ-SF*	Wheat Haze

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 60W PAR16/50W PAR20
TC13SQ: 75W PAR16/50W PAR20
Aperture
3 1/4"



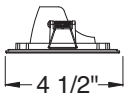
† ENERGY STAR® Qualified and T24 with IC LED luminaires and does not meet ENERGY STAR® or T24 with 93 CRI LED or when used with Remodel or Non-IC Rated Housings.



Adjustable 1 1/4" Pinhole with Black Alzak® Reflector

Catalog #	Description
433SQ-WH	White Trim

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 60W PAR16/50W PAR20
TC13SQ: 75W PAR16/50W PAR20
Aperture
1 1/4"

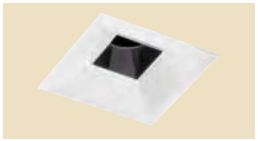


† ENERGY STAR® Qualified and T24 with IC LED luminaires and does not meet ENERGY STAR® or T24 with 93 CRI LED or when used with Remodel or Non-IC Rated Housings.

* Not ENERGY STAR® Qualified or T24 Certified.

◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 438NB-SFWH)

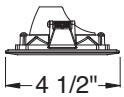
Adjustables (cont)



Adjustable Regressed 1 3/4" Pinhole with Black Alzak® Reflector

Catalog #	Description
4308SQ-WH	White Trim

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 45W PAR16/50W PAR20
TC13SQ: 60W PAR16/50W PAR20
Aperture
1 3/4"

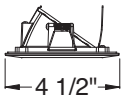


Wall Wash

Lensed Wall Wash Reflector

Catalog # ◊	Description
439SQBHZ-SF	Black Haze
439SQW-SF	White
439SQHZ-SF	Haze
439SQWHZ-SF	Wheat Haze

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 45W PAR16/50W PAR20
TC13SQ: 60W PAR16/50W PAR20
Aperture
3 1/4"

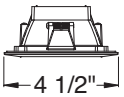


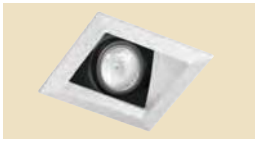
Lensed

Downlight Lensed Reflector

Catalog # ◊	Description
432SQBHZ-SF	Black Haze
432SQW-SF	White
432SQHZ-SF	Haze
432SQWHZ-SF	Wheat Haze

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 45W PAR16/50W PAR20
TC13SQ: 60W PAR16/50W PAR20
Aperture
3 1/4"

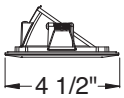


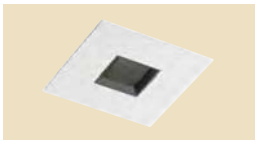


Angle-Cut Lensed Reflector

Catalog # ◊	Description
431SQBHZ-SF	Black Haze
431SQW-SF	White
431SQHZ-SF	Haze
431SQWHZ-SF	Wheat Haze

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 45W PAR16/50W PAR20
TC13SQ: 60W PAR16/50W PAR20
Aperture
3 1/4"

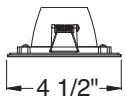




Downlight 1 1/4" Pinhole with Stippled Clear Uniformity Lens

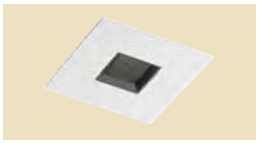
Catalog #	Description
4332SQ-WH	White Trim

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 45W PAR16/50W PAR20
TC13SQ: 60W PAR16/50W PAR20
Aperture
1 1/4"



◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 438NB-SFWH)

Lensed (cont)

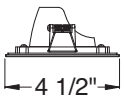


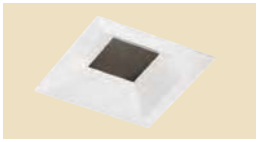
Adjustable 1 1/4" Pinhole with Stippled Clear Uniformity Lens

Catalog #
4331SQ-WH

Description
White Trim

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 45W PAR16/50W PAR20
TC13SQ: 60W PAR16/50W PAR20
Aperture
1 1/4"



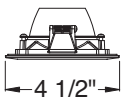


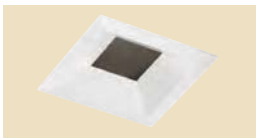
Downlight Regressed 1 3/4" Pinhole with Stippled Clear Uniformity Lens

Catalog #
4302SQ-WH

Description
White Trim

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 45W PAR16/50W PAR20
TC13SQ: 60W PAR16/50W PAR20
Aperture
1 3/4"



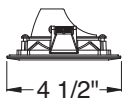


Adjustable Regressed 1 3/4" Pinhole with Stippled Clear Uniformity Lens

Catalog #
4301SQ-WH

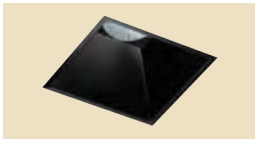
Description
White Trim

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 45W PAR16/50W PAR20
TC13SQ: 60W PAR16/50W PAR20
Aperture
1 3/4"



Precision Recessed | Flush Mount Trims for IC43LSQ, IC943LSQ, TC49LSQ, TC949LSQ, IC43SQ, TC43SQ, TC943SQ, TC943MSQ, IC13SQ & TC13SQ

Downlights

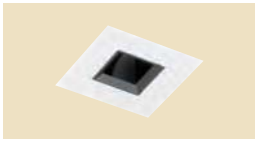


Deep Downlight Reflector

Catalog # ◊	Description
437SQBHZ-FM*	Black Haze
437SQW-FM	White
437SQHZ-FM	Haze
437SQWHZ-FM*	Wheat Haze

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 60W PAR16/50W PAR20
TC13SQ: 75W PAR16/50W PAR20
Aperture
3 1/4"

† †



Downlight 1 1/4" Pinhole with Black Alzak® Reflector

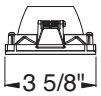
Catalog #	Description
4337SQ-WH-FM	White Trim

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 60W PAR16/50W PAR20
TC13SQ: 75W PAR16/50W PAR20
Aperture
1 1/4"

Downlight Regressed 1 3/4" Pinhole with Black Alzak® Reflector

Catalog #	Description
4307SQ-WH-FM	White Trim

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 45W PAR16/50W PAR20
TC13SQ: 60W PAR16/50W PAR20
Aperture
1 3/4"



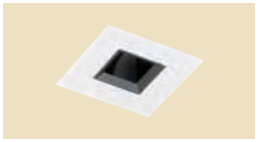
Adjustables

Angle-Cut Reflector

Catalog # ◊	Description
438SQBHZ-FM*	Black Haze
438SQW-FM	White
438SQHZ-FM	Haze
438SQWHZ-FM*	Wheat Haze

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 60W PAR16/50W PAR20
TC13SQ: 75W PAR16/50W PAR20
Aperture
3 1/4"

† †



Adjustable 1 1/4" Pinhole with Black Alzak® Reflector

Catalog #	Description
433SQ-WH-FM	White Trim

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 60W PAR16/50W PAR20
TC13SQ: 75W PAR16/50W PAR20
Aperture
1 1/4"

† ENERGY STAR® Qualified and T24 with IC LED luminaires and does not meet ENERGY STAR® or T24 with 93 CRI LED or when used with Remodel or Non-IC Rated Housings.

* Not ENERGY STAR® Qualified or T24 Certified.

◊ For self-flanged reflector with optional white painted flange, add WH suffix. (Example: 438NB-SFWH) Important: Flush mount adapter is required for flush mount trim installations -FMASQ4.
See compatible housing pages for ordering information.

Adjustables (cont)

Adjustable Regressed 1 3/4" Pinhole with Black Alzak® Reflector

Catalog #	Description
4308SQ-WH-FM	White Trim

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 45W PAR16/50W PAR20
TC13SQ: 60W PAR16/50W PAR20
Aperture
1 3/4"

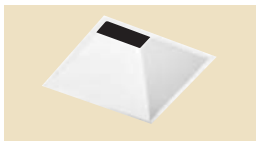
Wall Wash

Lensed Wall Wash Reflector

Catalog #	Description
439SQBHZ-FM	Black Haze
439SQW-FM	White
439SQHZ-FM	Haze
439SQWHZ-FM	Wheat Haze

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 45W PAR16/50W PAR20
TC13SQ: 60W PAR16/50W PAR20
Aperture
3 1/4"

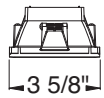
Lensed



Downlight Lensed Reflector

Catalog #	Description
432SQBHZ-FM	Black Haze
432SQW-FM	White
432SQHZ-FM	Haze
432SQWHZ-FM	Wheat Haze

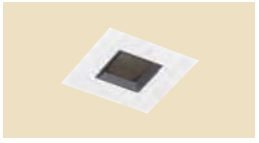
Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 45W PAR16/50W PAR20
TC13SQ: 60W PAR16/50W PAR20
Aperture
3 1/4"



Angle-Cut Lensed Reflector

Catalog #	Description
431SQBHZ-FM	Black Haze
431SQW-FM	White
431SQHZ-FM	Haze
431SQWHZ-FM	Wheat Haze

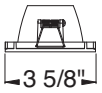
Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 45W PAR16/50W PAR20
TC13SQ: 60W PAR16/50W PAR20
Aperture
3 1/4"



Downlight 1 1/4" Pinhole with Stippled Clear Uniformity Lens

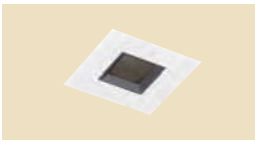
Catalog #	Description
4332SQ-WH-FM	White Trim

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 45W PAR16/50W PAR20
TC13SQ: 60W PAR16/50W PAR20
Aperture
1 1/4"



Important: Flush mount adapter is required for flush mount trim installations -FMASQ4.
See compatible housing pages for ordering information.

Lensed (cont)

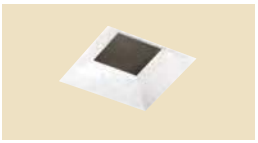


Adjustable 1 1/4" Pinhole with Stippled Clear Uniformity Lens

Catalog # 4331SQ-WH-FM

Description White Trim

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 45W PAR16/50W PAR20
TC13SQ: 60W PAR16/50W PAR20
Aperture
1 1/4"

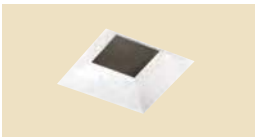


Downlight Regressed 1 3/4" Pinhole with Stippled Clear Uniformity Lens

Catalog # 4302SQ-WH-FM

Description White Trim

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 45W PAR16/50W PAR20
TC13SQ: 60W PAR16/50W PAR20
Aperture
1 3/4"



Adjustable Regressed 1 3/4" Pinhole with Stippled Clear Uniformity Lens

Catalog # 4301SQ-WH-FM

Description White Trim

Max. Lamp Rating
IC43LSQ/IC943LSQ: 13W LED
TC49LSQ/TC949LSQ: 20W LED
IC43SQ: 50W MR16
TC43SQ/TC943SQ: 75W MR16
TC943MSQ: 20/39W CMH MR16
IC13SQ: 45W PAR16/50W PAR20
TC13SQ: 60W PAR16/50W PAR20
Aperture
1 3/4"

Important: Flush mount adapter is required for flush mount trim installations -FMASQ4.
See compatible housing pages for ordering information.

Description

Specification grade recessed adjustable housing for pin-spot accent lighting over great distances. 12-Volt Halogen PAR36 or AR111 lamps produce a collimated light beam with excellent color-rendering properties. IC rated for direct contact with insulation. Air-Loc® rated and gasketed for maximum energy savings. The sealed Air-Loc construction also helps preserve soundproofing and eliminates the possibility of dirt, dust and insects entering a room through the recessed luminaire.

Listings UL Listed, C-UL/CSA certified for through-branch wiring and damp locations • Meets energy code Air Leakage requirements per ASTM E283 • Conforms with City of Chicago IP requirements

Features

- 5 5/8" aperture
- Simple housing and trim format allows easy installation and fixture adjustment
- Deep lamp regression and optimized beam center provides 50° lamp/lamp image cut-off for exceptional low aperture brightness
- 361° rotation and 35° tilt with tool-less locking and hot aiming capability
- Off-vertical aiming marks for consistent aiming
- Factory installed clear lens for use with open AR111 lamps
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Juno recessed trims
- Low profile trim with self-aligning torsion-springs for clean ceiling interface without light leaks
- Quiet, premium constant wattage magnetic transformer with a proven balance of light output and lamp life
- Accommodates 2 optical media
- Reflectors are computer designed, featuring deep lamp shielding to eliminate glare
- High quality, superior construction including hand-polished reflector finishes
- Real Nail® 3 Bar Hangers - Latest generation of patented adjustable bar hangers, including removable nail for repositioning of fixture
- 50W-Max PAR36 or AR111 lamp used in trim selection below

Ordering Information

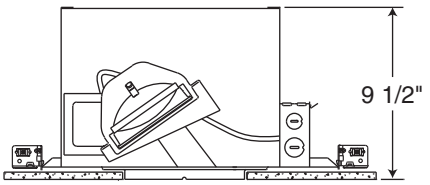
Catalog Number: **IC64**

Accessories

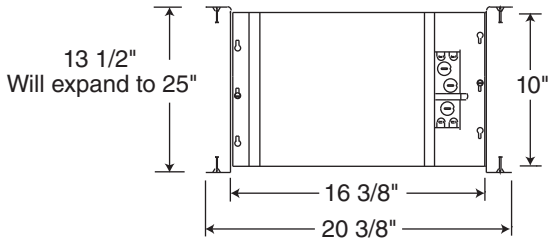
Catalog Number/Description	
CTA6	Ceiling Thickness Adapter (1 1/4" to 2")

To order, specify catalog number.

Dimensions



6 7/8" Ceiling Cutout

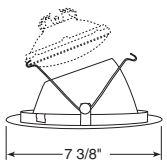


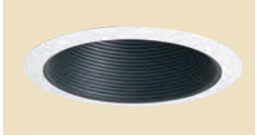
Adjustable Trims

Angle-Cut Cone

Catalog #	Description
638B-WH	Black Alzak®, White Trim
638C-WH	Clear Alzak®, White Trim
638G-WH	Gold Alzak®, White Trim
638HZ-SC	Haze Alzak®, Satin Chrome Trim
638HZ-WH	Haze Alzak®, White Trim
638WHZ-ABZ	Wheat Haze Alzak®, Classic Aged Bronze Trim
638WHZ-WH	Wheat Haze Alzak®, White Trim

Max. Lamp Rating
50W PAR36/AR111
Aperture
5 5/8"

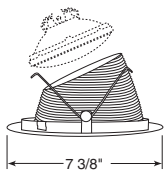




Angle-Cut Baffle

Catalog #	Description
635B-ABZ	Black, Classic Aged Bronze Trim
635B-SC	Black, Satin Chrome Trim
635B-WH	Black, White Trim
635W-WH	White, White Trim

Max. Lamp Rating
50W PAR36/AR111
Aperture
5 5/8"



Precision Recessed | TC964 5 5/8" PAR36/AR111 Adjustable Housing & Trims Non-IC Rated

Description

Specification grade recessed adjustable housing for pin-spot accent lighting over great distances. Non-IC housing with top access designed for use in non-insulated areas, or where insulation is spaced at least 3" from housing.

Listings UL Listed, C-UL/CSA certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

Features

- 5 5/8" aperture
- Deep lamp regression and optimized beam center provides 50° lamp/lamp image cut-off for exceptional low aperture brightness
- 361° rotation and 35° tilt with tool-less locking and hot aiming capability
- Off-vertical aiming marks for consistent aiming
- Factory installed clear lens for use with open AR111 lamps
- Shadow-free, knife-edge trim design
- Quiet, premium constant wattage magnetic transformer
- Removable cover allows top access for relamping or servicing from above
- Accommodates 2 optical media
- High quality construction including computer-designed, hand-polished reflector finishes
- Vertically adjustable mounting brackets accept 1/2" conduit, "C" channels, linear flat bars or telescoping Real Nail® bar hangers
- 75W-Max PAR36 or AR111 lamp used in trim selection below

Ordering Information

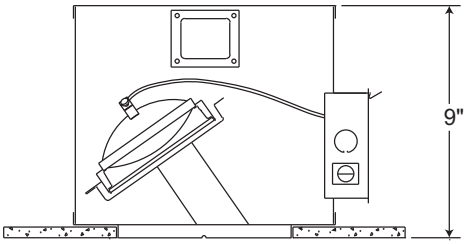
Catalog Number: **TC964**

Accessories

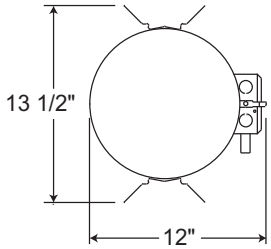
Catalog Number/Description	
HB-1	Two Real Nail® 3 Bar Hangers
HB-26	Two 26" C-Channel Bar Hangers
HB-50	Two 50" C-Channel Bar Hangers
LB-27	Two 27" Linear Bar Hangers
CTA6	Ceiling Thickness Adapter (1 1/4" to 2")

To order, specify catalog number.

Dimensions



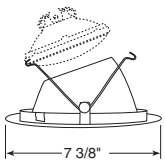
6 7/8" Ceiling Cutout

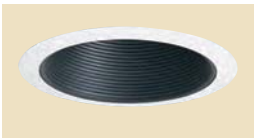


Adjustable Trims

Angle-Cut Cone

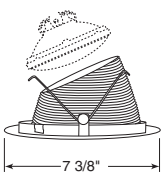
Catalog #	Description	Max. Lamp Rating
638B-WH	Black Alzak®, White Trim	75W PAR36/AR111
638C-WH	Clear Alzak®, White Trim	**Aperture**
638G-WH	Gold Alzak®, White Trim	5 5/8"
638HZ-SC	Haze Alzak®, Satin Chrome Trim	
638HZ-WH	Haze Alzak®, White Trim	
638WHZ-ABZ	Wheat Haze Alzak®, Classic Aged Bronze Trim	
638WHZ-WH	Wheat Haze Alzak®, White Trim	





Angle-Cut Baffle

Catalog #	Description	Max. Lamp Rating
635B-ABZ	Black, Classic Aged Bronze Trim	75W PAR36/AR111
635B-SC	Black, Satin Chrome Trim	**Aperture**
635B-WH	Black, White Trim	5 5/8"
635W-WH	White, White Trim	



Precision Recessed | TC960 MR16 Framing Projector & Trims

Non-IC Rated

Description

Specification grade recessed framing projector housing designed for use with 75W EYC MR16 flood lamp. Non-IC housing designed for use in non-insulated areas, or where insulation is at least 3" from housing. Supplied with commercial brackets and residential bar hangers for installation in wood construction.

Listings UL Listed, C-UL/CSA certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

Features

- Choice of slot trim for framing art on vertical surfaces or pinhole trim for framed downlighting
- 361° rotation and 45° tilt with tool-less locking and hot aiming capability
- Four independently operated shutters for precise framing
- Triple lens optics for bright, uniform, sharp-edged pattern
- Simple housing and trim format allows easy ordering, installation and fixture adjustment
- Quiet, 75VA premium constant wattage magnetic transformer with a proven balance of light output and lamp/socket life
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Juno recessed trims
- Real Nail® 3 Bar Hangers - Latest generation of patented adjustable bar hangers, including removable nail for repositioning of fixture
- Unit ships w/bar hangers, commercial brackets are shipped loose
- Vertically adjustable mounting brackets accept 1/2" conduit, "C" channels or linear flat bars
- 75W-Max MR16 FL (EYC) used in trim selection below

Ordering Information

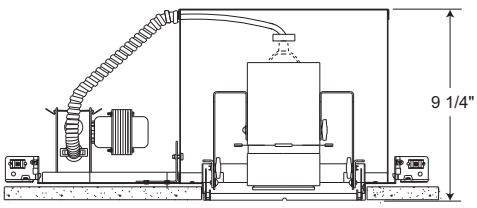
Catalog Number: **TC960**

Accessories

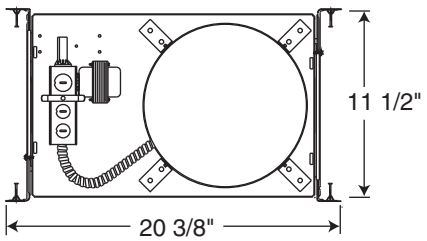
Catalog Number/Description	
HB-26	Two 26" C-Channel Bar Hangers
HB-50	Two 50" C-Channel Bar Hangers
LB-27	Two 27" Linear Bar Hangers

To order, specify catalog number.

Dimensions



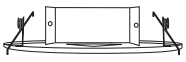
8 1/8" Ceiling Cutout



Trims

Slot Trim

Catalog #	Description	Max. Lamp Rating
245-WH	For wall framing, White Trim	75W MR16



Pinhole Trim

Catalog #	Description	Max. Lamp Rating
246-WH	For framed downlighting, White Trim	75W MR16 **Aperture** 2 3/4"

Precision Recessed | IC63 5 5/8" PAR30 Adjustable Housing & Trims IC Rated

AIR-LOC

Description

Specification grade recessed adjustable PAR30 luminaire for accent, task or downlighting. PAR30 halogen lamp produces spot or flood patterns for medium to high light levels. IC rated for direct contact with insulation. Air-Loc® rated and gasketed for maximum energy savings. The sealed Air-Loc construction also helps preserve sound-proofing and eliminates the possibility of dirt, dust and insects entering a room through the recessed luminaire.

Listings UL Listed, C-UL/CSA certified for through-branch wiring and damp locations • Meets energy code Air Leakage requirements per ASTM E283 • Conforms with City of Chicago IP requirements

Features

- 5 5/8" aperture
- Simple housing and trim format allows easy ordering, installation and fixture adjustment
- Deep lamp regression and computer-optimized reflector contour provides 50° lamp/lamp image cut-off for exceptional low aperture brightness
- High quality, superior construction including hand-polished reflector finishes
- 361° rotation and 35° tilt with tool-less locking and hot aiming capability
- Internal lamp shield eliminates sight lines into housing from all viewing angles to maintain pure, clean aperture appearance
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Juno recessed trims
- Low profile trim with self-aligning torsion-springs for clean ceiling interface without light leaks
- Real Nail® 3 Bar Hangers - Latest generation of patented adjustable bar hangers, including removable nail for repositioning of fixture
- 75W-Max PAR30 lamp used in trim selection below

Ordering Information

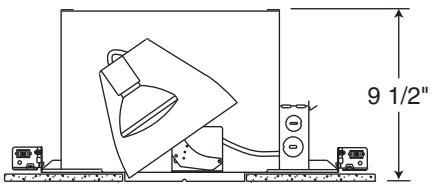
Catalog Number: **IC63**

Accessories

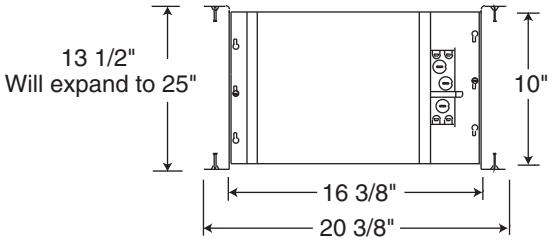
Catalog Number/Description	
CTA6	Ceiling Thickness Adapter (1 1/4" to 2")

To order, specify catalog number.

Dimensions



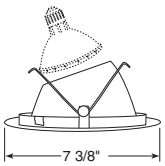
6 7/8" Ceiling Cutout

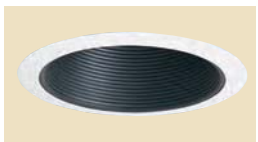


Adjustable Trims

Angle-Cut Cone

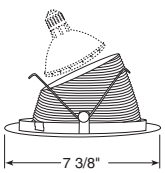
Catalog #	Description	Max. Lamp Rating
638B-WH	Black Alzak®, White Trim	75W PAR30
638C-WH	Clear Alzak®, White Trim	**Aperture**
638G-WH	Gold Alzak®, White Trim	5 5/8"
638HZ-SC	Haze Alzak®, Satin Chrome Trim	
638HZ-WH	Haze Alzak®, White Trim	
638WHZ-ABZ	Wheat Haze Alzak®, Classic Aged Bronze Trim	
638WHZ-WH	Wheat Haze Alzak®, White Trim	





Angle-Cut Baffle

Catalog #	Description	Max. Lamp Rating
635B-ABZ	Black, Classic Aged Bronze Trim	75W PAR30
635B-SC	Black, Satin Chrome Trim	**Aperture**
635B-WH	Black, White Trim	5 5/8"
635W-WH	White, White Trim	



Precision Recessed | TC963 5 5/8" PAR30 Adjustable Housing & Trims Non-IC Rated

Description

Specification grade recessed PAR30 luminaire for accent, task or downlighting. PAR30 halogen lamp produces spot or flood patterns for medium to high light levels. Non-IC housing designed for use in non-insulated areas, or where insulation is spaced at least 3" from housing.

Listings UL Listed, C-UL/CSA certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

Features

- 5 5/8" aperture
- Simple housing and trim format allows easy ordering, installation and fixture adjustment
- Deep lamp regression and computer-optimized reflector contour provides 50° lamp/lamp image cut-off for exceptional low aperture brightness
- 361° rotation and 35° tilt with tool-less locking and hot aiming capability
- Low profile trim with self-aligning torsion-springs for clean ceiling interface without light leaks
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Juno recessed trims
- High quality, superior construction including hand-polished reflector finishes
- Vertically adjustable mounting brackets accept 1/2" conduit, "C" channels, linear flat bars or telescoping Real Nail® bar hangers
- 75W-Max PAR30 lamp used in trim selection below

Ordering Information

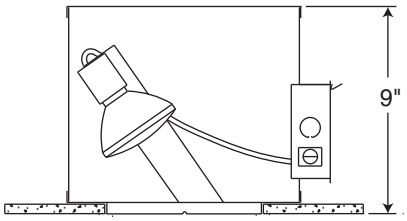
Catalog Number: **TC963**

Accessories

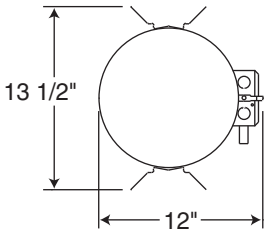
Catalog Number/Description	
HB-1	Two Real Nail® 3 Bar Hangers
HB-26	Two 26" C-Channel Bar Hangers
HB-50	Two 50" C-Channel Bar Hangers
LB-27	Two 27" Linear Bar Hangers
CTA6	Ceiling Thickness Adapter (1 1/4" to 2")

To order, specify catalog number.

Dimensions



6 7/8" Ceiling Cutout

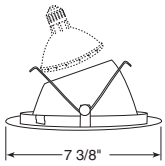


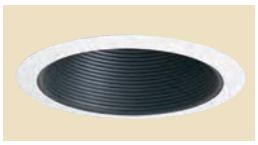
Adjustable Trims

Angle-Cut Cone

Catalog #	Description
638B-WH	Black Alzak®, White Trim
638C-WH	Clear Alzak®, White Trim
638G-WH	Gold Alzak®, White Trim
638HZ-SC	Haze Alzak®, Satin Chrome Trim
638HZ-WH	Haze Alzak®, White Trim
638WHZ-ABZ	Wheat Haze Alzak®, Classic Aged Bronze
638WHZ-WH	Wheat Haze Alzak®, White Trim

Max. Lamp Rating
75W PAR30
Aperture
5 5/8"

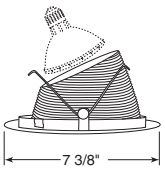




Angle-Cut Baffle

Catalog #	Description
635B-ABZ	Black, Classic Aged Bronze Trim
635B-SC	Black, Satin Chrome Trim
635B-WH	Black, White Trim
635W-WH	White, White Trim

Max. Lamp Rating
75W PAR30
Aperture
5 5/8"



Precision Recessed | IC62 5 5/8" PAR30/38 Downlight/Wall Wash Housing IC Rated

AIR-LOC

Description

Specification grade recessed PAR30/PAR38 luminaire provides high light level general and task illumination for 7' - 20' ceiling heights. Also accomodates lensed wall wash trim for even illumination of vertical surfaces without light scallops. IC rated for direct contact with insulation. Air-Loc® rated and gasketed for maximum energy savings. The sealed Air-Loc construction also helps preserve soundproofing and eliminates the possibility of dirt, dust and insects entering a room through the recessed luminaire.

Listings UL Listed, C-UL/CSA certified for through-branch wiring, damp locations, and when used with trim number 611, it is suitable for wet locations • Conforms with City of Chicago IP requirements • Washington State, IECC and MEC energy codes as tested per ASTM-E283

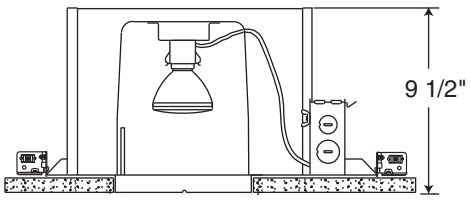
Features

- 5 5/8" aperture
- Simple housing and trim format allows easy ordering, installation and fixture adjustment
- Reflectors are computer designed, featuring deep lamp shielding to eliminate glare
- High quality, superior construction including hand-polished reflector finishes
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Juno recessed trims
- Low profile trim with self-aligning torsion-springs for clean ceiling interface without light leaks
- Real Nail® 3 Bar Hangers - Latest generation of patented adjustable bar hangers, including removable nail for repositioning of fixture
- Inner housing adjusts vertically to accommodate up to a 2" ceiling thickness
- 75W-Max PAR30, 120W-Max PAR38 or 100W-Max A19 lamp used in trim selection

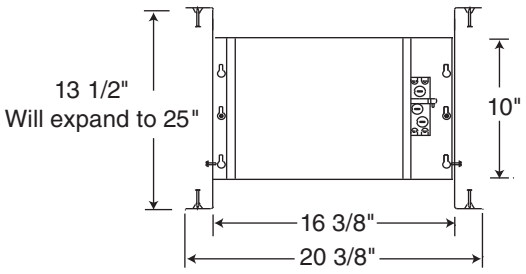
Ordering Information

Catalog Number: **IC62**

Dimensions



6 7/8" Ceiling Cutout



Precision Recessed | TC62 5 5/8" PAR30/38 Downlight/Wall Wash Housing Non-IC Rated

Description

Specification grade recessed PAR30/PAR38 luminaire provides high light level general and task illumination for 7′ - 20′ ceiling heights. Also accomodates lensed wall wash trim for even illumination of vertical surfaces without light scallops. Non-IC housing designed for use in non-insulated areas, or where insulation is spaced at least 3″ from housing.

Listings UL Listed, C-UL/CSA certified for through-branch wiring, damp locations, and when used with trim number 611, it is suitable for wet locations • Conforms with City of Chicago IP requirements

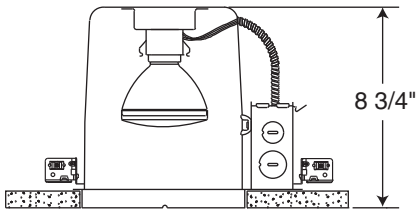
Features

- 5 5/8″ aperture
- Simple housing and trim format allows easy ordering, installation and fixture adjustment
- Reflectors are computer designed, featuring deep lamp shielding to eliminate glare
- High quality, superior construction including hand-polished reflector finishes
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Juno recessed trims
- Real Nail® 3 Bar Hangers - Latest generation of patented adjustable bar hangers, including removable nail for repositioning of fixture
- Inner housing adjusts vertically to accommodate up to a 2″ ceiling thickness
- 75W-Max PAR30, 120W-Max PAR38 or 100W-Max A19 lamp used in trim selection

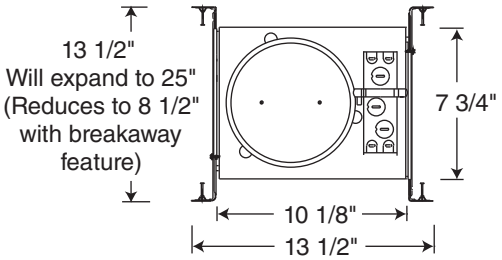
Ordering Information

Catalog Number: **TC62**

Dimensions



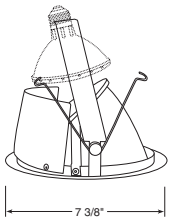
6 7/8″ Ceiling Cutout



Wall Wash

Angle-Cut Lensed Wall Wash

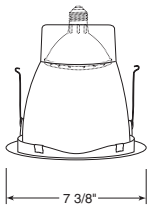
Catalog #	Description	Max. Lamp Rating
629B-WH	Black Alzak®, White Trim	IC62/TC62: 75W PAR30
629C-WH	Clear Alzak®, White Trim	**Aperture**
629G-WH	Gold Alzak®, White Trim	5 5/8″
629HZ-SC	Haze Alzak®, Satin Chrome Trim	
629HZ-WH	Haze Alzak®, White Trim	
629WHZ-ABZ	Wheat Haze Alzak®, Classic Aged Bronze Trim	
629WHZ-WH	Wheat Haze Alzak®, White Trim	

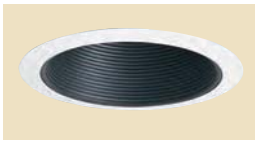


Downlights

Deep Downlight Cone

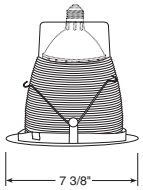
Catalog #	Description	Max. Lamp Rating
627B-WH	Black Alzak®, White Trim	IC62/TC62: 75W PAR30/ 120W PAR38
627C-WH	Clear Alzak®, White Trim	
627G-WH	Gold Alzak®, White Trim	**Aperture**
627HZ-SC	Haze Alzak®, Satin Chrome Trim	5 5/8″
627HZ-WH	Haze Alzak®, White Trim	
627WHZ-ABZ	Wheat Haze Alzak®, Classic Aged Bronze Trim	
627WHZ-WH	Wheat Haze Alzak®, White Trim	





Deep Downlight Baffle

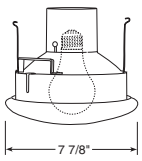
Catalog #	Description	Max. Lamp Rating
624B-ABZ	Black, Classic Aged Bronze Trim	IC62/TC62: 75W PAR30/ 120W PAR38
624B-SC	Black, Satin Chrome Trim	
624B-WH	Black, White Trim	**Aperture**
624W-WH	White, White Trim	5 5/8″



Decorative

Swirled Etched Opal Glass

Catalog #	Description	Max. Lamp Rating
611-WH	Decorative Swirled Etched Opal Glass	IC62/TC62: 100W A19
		Aperture
		5 5/8″



Description

Specification grade recessed downlight housing for general and wall wash illumination in low to medium ceiling heights. Provides diffuse, uniform illumination from economical incandescent A-lamps. IC rated for direct contact with insulation. Air-Loc® rated and gasketed for maximum energy savings. The sealed Air-Loc construction also helps preserve sound-proofing and eliminates the possibility of dirt, dust and insects entering a room through the recessed luminaire.

Listings UL Listed, C-UL/CSA certified for through-branch wiring and damp locations • Meets energy code Air Leakage requirements per ASTM E283 • Conforms with City of Chicago IP requirements

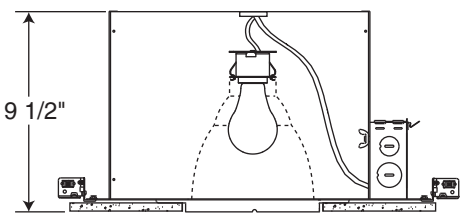
Features

- 6" aperture
- Simple housing and trim format allows easy ordering, installation and fixture adjustment
- Deep lamp regression provides 50° lamp/lamp image cut-off for exceptional low aperture brightness
- Fixed socket position to maintain optical integrity independent of housing mounting
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Juno recessed trims
- Low profile trim for clean ceiling interface without light leaks
- Reflectors are computer designed, featuring deep lamp shielding to eliminate glare
- High quality, superior construction including hand-polished reflector finishes
- Real Nail® 3 Bar Hangers - Latest generation of patented adjustable bar hangers, including removable nail for repositioning of fixture
- 100W A19/MB19/BT15 lamp used in trim selection

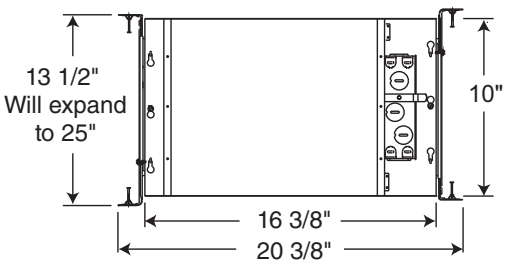
Ordering Information

Catalog Number: **IC906**

Dimensions



6 7/8" Ceiling Cutout



Description

Specification grade recessed downlight housing for general and wall wash illumination in low to medium ceiling heights. Provides diffuse, uniform illumination from economical incandescent A-lamps. Non-IC housing designed for use in non-insulated areas, or where insulation is spaced at least 3" from housing.

Listings UL Listed, C-UL/CSA certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

Features

- 6" aperture
- Simple housing and trim format allows easy ordering, installation and fixture adjustment
- Deep lamp regression provides 50° lamp/lamp image cut-off for exceptional low aperture brightness
- Supplied with vertically adjustable mounting brackets that accept 1/2" conduit, "C" channel bar hangers, linear bar hangers or telescoping Real Nail® bar hangers
- Adjustable socket for proper positioning of A19 or A21 lamps
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Juno recessed trims
- Low profile trim for clean ceiling interface without light leaks
- Reflectors are computer designed, featuring deep lamp shielding to eliminate glare
- High quality, superior construction including hand-polished reflector finishes
- 100W A19 or 150W A21 lamp used in trim selection

Ordering Information

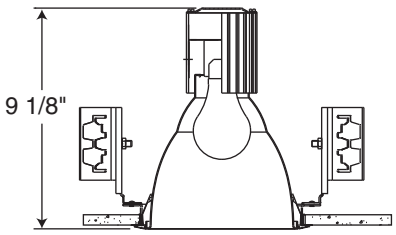
Catalog Number: **TC906**

Accessories

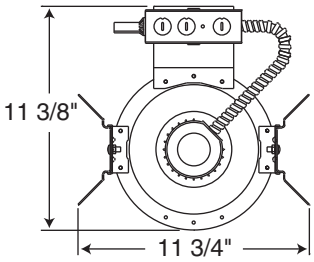
Catalog Number	Description
HB-1	Two Real Nail® 3 Bar Hangers
HB-26	Two 26" C-Channel Bar Hangers
HB-50	Two 50" C-Channel Bar Hangers
LB-27	Two 27" Linear Bar Hangers

To order, specify catalog number.

Dimensions



6 7/8" Ceiling Cutout



Wall Wash

Single Wall Wash

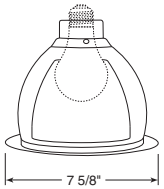
Catalog #	Description
662C-WH	Clear Alzak®, White Trim
662G-WH	Gold Alzak®, White Trim
662HZ-WH	Haze, White Trim

Max. Lamp Rating
IC906: 100W A19/MB19/BT15
TC906: 100W A19/150W A21
Aperture
6″

Double Wall Wash

Catalog #	Description
663C-WH	Clear Alzak®, White Trim
663G-WH	Gold Alzak®, White Trim
663HZ-WH	Haze, White Trim

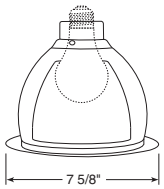
Max. Lamp Rating
IC906: 100W A19/MB19/BT15
TC906: 100W A19/150W A21
Aperture
6″



Corner Wall Wash

Catalog #	Description
664C-WH	Clear Alzak®, White Trim
664G-WH	Gold Alzak®, White Trim
664HZ-WH	Haze, White Trim

Max. Lamp Rating
IC906: 100W A19/MB19/BT15
TC906: 100W A19/150W A21
Aperture
6″

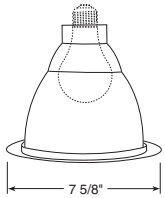


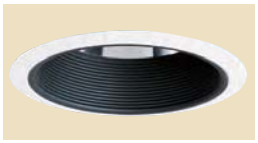
Downlights

Open Downlight

Catalog #	Description
643C-WH	Clear Alzak®, White Trim
643G-WH	Gold Alzak®, White Trim
643HZ-WH	Haze, White Trim

Max. Lamp Rating
IC906: 100W A19/MB19/BT15
TC906: 100W A19/150W A21
Aperture
6″

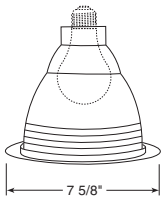




Baffled Downlight

Catalog #	Description
633B-WH	Black, White Trim
633W-WH	White, White Trim

Max. Lamp Rating
IC906: 90W A19
TC906: 100W A19/150W A21
Aperture
6″



Description

Specification grade recessed 45° adjustable luminaire with top access for accent, task, or downlighting from higher flat or sloped ceiling mounting heights. 120W PAR38 halogen lamp produces spot or flood patterns for medium to high light levels. IC rated for direct contact with insulation. Air-Loc® rated and gasketed for maximum energy savings. The sealed Air-Loc construction also helps preserve soundproofing and eliminates the possibility of dirt, dust and insects entering a room through the recessed luminaire.

Listings UL Listed, C-UL certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements • Meets energy code Air Leakage requirements per ASTM E283

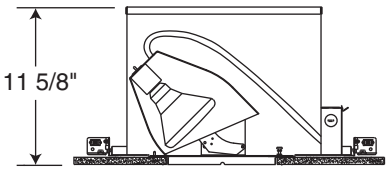
Features

- 7" aperture
- Simple housing and trim format allows easy ordering, installation and fixture adjustment
- Industry **exclusive** 45° vertical adjustment, 361° rotation and tool-less locking
- Off-vertical aiming marks for consistent aiming
- Unit may be relamped without unlocking adjustments
- Removable cover allows top access for relamping from above
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Juno recessed trims
- Reflectors are computer designed, featuring deep lamp shielding to eliminate glare
- High quality, superior construction including hand-polished reflector finishes
- Real Nail® 3 Bar Hangers - Latest generation of patented adjustable bar hangers, including removable nail for repositioning of fixture
- Deep lamp regression provides 50° lamp/lamp image cut-off for exceptional low aperture brightness
- PAR38 lamp wattage specified in trim selection below

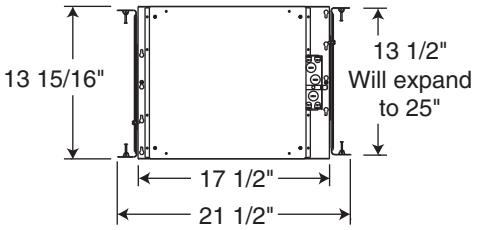
Ordering Information

Catalog Number: **IC73**

Dimensions



8 1/8" Ceiling Cutout

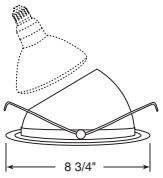


Adjustable Trims

Angle-Cut Cone

Catalog #	Description
738B-WH	Black Alzak®, White Trim
738C-WH	Clear Alzak®, White Trim
738G-WH	Gold Alzak®, White Trim
738HZ-WH	Haze Alzak®, White Trim
738WHZ-WH	Wheat Haze Alzak®, White Trim

Max. Lamp Rating
100W PAR38
Aperture
7"

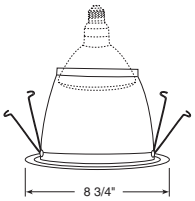


Downlights

Deep Downlight Cone

Catalog #	Description
727B-WH	Black Alzak®, White Trim
727C-WH	Clear Alzak®, White Trim
727G-WH	Gold Alzak®, White Trim
727HZ-WH	Haze Alzak®, White Trim
727WHZ-WH	Wheat Haze Alzak®, White Trim

Max. Lamp Rating
120W PAR38, 120W BR40
Aperture
7"



Description

Specification grade recessed 45° adjustable luminaire with top access for accent, task, or downlighting from higher flat or sloped ceiling mounting heights. 250W PAR38 halogen lamp produces spot or flood patterns for medium to high light levels. Non-IC housing designed for use in non-insulated areas, or where insulation is spaced at least 3" from housing.

Listings UL Listed, C-UL certified for through-branch wiring and damp locations • Conforms with City of Chicago IP requirements

Features

- 7" aperture
- Simple housing and trim format allows easy ordering, installation and fixture adjustment
- Industry **exclusive** 45° vertical adjustment, 361° rotation and tool-less locking
- Off-vertical aiming marks for consistent aiming
- Unit may be relamped without unlocking adjustments
- Removable cover allows top access for relamping from above
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Juno recessed trims
- Reflectors are computer designed, featuring deep lamp shielding to eliminate glare
- High quality, superior construction including hand-polished reflector finishes
- Vertically adjustable mounting brackets accept 1/2" conduit, "C" channels, linear flat bars or telescoping Real Nail® bar hangers
- 250W-Max PAR38 lamp used in trim selection below

Ordering Information

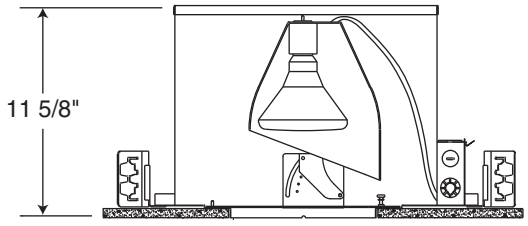
Catalog Number: **TC973**

Accessories

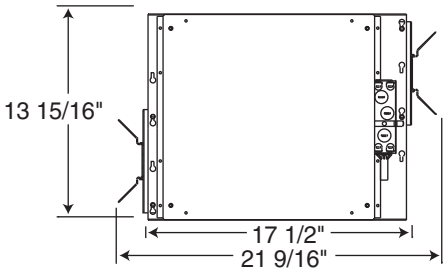
Catalog Number/Description	
HB-1	Two Real Nail® 3 Bar Hangers
HB-26	Two 26" C-Channel Bar Hangers
HB-50	Two 50" C-Channel Bar Hangers
LB-27	Two 27" Linear Bar Hangers

To order, specify catalog number.

Dimensions



8 1/8" Ceiling Cutout

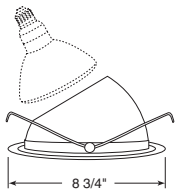


Adjustable Trims

Angle-Cut Cone

Catalog #	Description
738B-WH	Black Alzak®, White Trim
738C-WH	Clear Alzak®, White Trim
738G-WH	Gold Alzak®, White Trim
738HZ-WH	Haze Alzak®, White Trim
738WHZ-WH	Wheat Haze Alzak®, White Trim

Max. Lamp Rating
250W PAR38
Aperture
7"

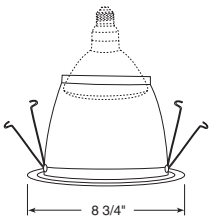


Downlights

Deep Downlight Cone

Catalog #	Description
727B-WH	Black Alzak®, White Trim
727C-WH	Clear Alzak®, White Trim
727G-WH	Gold Alzak®, White Trim
727HZ-WH	Haze Alzak®, White Trim
727WHZ-WH	Wheat Haze Alzak®, White Trim

Max. Lamp Rating
250W PAR38, 120W BR40
Aperture
7"



Description

Specification grade recessed downlight for general and wall washing illumination lamps for low to medium ceiling heights. Compact fluorescent luminaires provide quality illumination with considerable energy savings, longer lamp life and less radiant heat. IC rated for direct contact with insulation. Air-Loc® rated and gasketed for maximum energy savings. The sealed Air-Loc construction also helps preserve soundproofing and eliminates the possibility of dirt, dust and insects entering a room through the recessed luminaire.

Listings UL Listed, CSA qualified for through-branch wiring, damp locations, and when used with trim number 611, it is suitable for wet locations • Conforms with City of Chicago IP requirements • Meets energy code Air Leakage requirements per ASTM E283

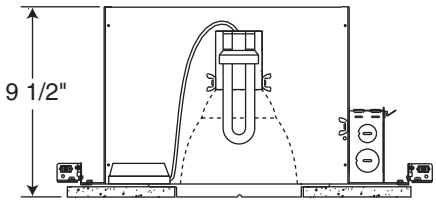
Features

- 6" aperture
- Simple housing and trim format allows easy ordering, installation and fixture adjustment
- Deep lamp regression provides 50° lamp/lamp image cut-off for exceptional low aperture brightness
- Fixed socket position to maintain optical integrity independent of housing mounting
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Juno recessed trims
- Low profile trim for clean ceiling interface without light leaks
- Reflectors are computer designed, featuring deep lamp shielding to eliminate glare
- High quality, superior construction including hand-polished reflector finishes and low iridescence to eliminate the "rainbow" color separation that occurs with fluorescent lamps and standard grade reflectors
- Optional Advance Mark X Powerline dimming ballast may be specified by adding -DB120 to the housing catalog number
- FCC Class B ballast rating for residential use
- Real Nail® 3 Bar Hangers - Latest generation of patented adjustable bar hangers, including removable nail for repositioning of fixture
- 2 year warranty
- One 26W or 32W triple tube compact fluorescent lamp (CFTR26W/GX24q-3 or CFTR32W/GX24q-3) in trim selection

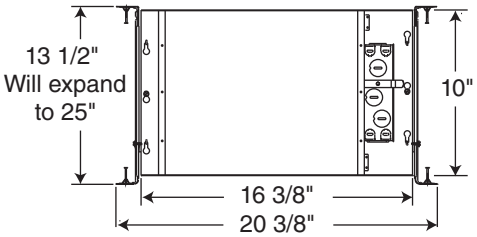
Ordering Information

Catalog Number: **ICV6-126/32T,** 120V Electronic Ballast
Catalog Number: **ICV6-126/32T-DB120,** 120V Dimmable Ballast
Advance Mark X Powerline

Dimensions



6 7/8" Ceiling Cutout



Precision Recessed | CV6-126/32T 6" Triple Tube Housing

Non-IC Rated

Description

Specification grade recessed downlight housing for general and wall washing illumination for low to medium ceiling heights. Provides diffuse, uniform illumination from energy-efficient compact fluorescent lamps. For use in non-insulated spaces or where insulation will be spaced at least 3" away from fixture.

Listings UL Listed, CSA certified for through-branch wiring, damp locations, and when used with trim number 611, it is suitable for wet locations • Conforms with City of Chicago IP requirements

Features

- 6" aperture
- Simple housing and trim format allows easy ordering, installation and fixture adjustment
- Deep lamp regression provides 50° lamp/lamp image cut-off for exceptional low aperture brightness
- Fixed socket position to maintain optical integrity independent of housing mounting
- Shadow-free, knife-edge trim design blends smoothly into the ceiling and allows architectural continuity with Juno recessed trims
- Low profile trim for clean ceiling interface without light leaks
- Reflectors are computer designed, featuring deep lamp shielding to eliminate glare
- High quality, superior construction including hand-polished reflector finishes and low-iridescent reflectors eliminate the "rainbow" color separation effect that occurs with fluorescent lamps and standard grade reflectors
- Vertically adjustable mounting brackets that accept 1/2" conduit, "C" channels, linear flat bars or telescoping Real Nail® bar hangers
- One 26W or 32W triple tube compact fluorescent lamp (CFTR26W/GX24q-3 or CFTR32W/GX24q-3) in trim selection

Ordering Information

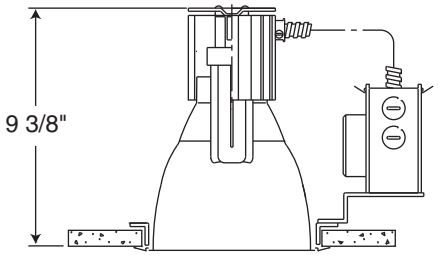
Catalog Number: **CV6-126/32T,** 120/277V Electronic Ballast
Catalog Number: **CV6-126/32T-DB120,** 120V Dimmable Ballast Advance Mark X Powerline
Catalog Number: **CV6-126/32T-DB277,** 277V Dimmable Ballast Advance Mark X Powerline

Accessories

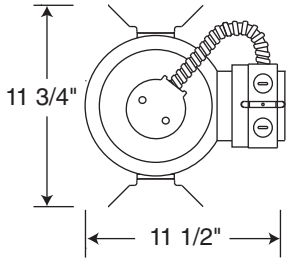
Catalog Number/Description	
HB-1	Two Real Nail® 3 Bar Hangers
HB-26	Two 26" C-Channel Bar Hangers
HB-50	Two 50" C-Channel Bar Hangers
LB-27	Two 27" Linear Bar Hangers
PLK-E	13-42W Emergency Power Kit

To order, specify catalog number.

Dimensions



6 7/8" Ceiling Cutout

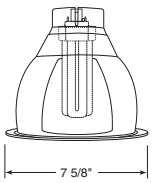


Precision Recessed | Trims for ICV6-126/32T & CV6-126/32T

Wall Wash

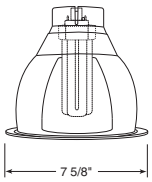
Single Wall Wash

Catalog #	Description	Max. Lamp Rating
600C-WWS-WH	Clear Alzak®, White Trim	32W Triple CFL
600G-WWS-WH	Gold Alzak®, White Trim	**Aperture**
600HZ-WWS-WH	Haze Alzak®, White Trim	6″



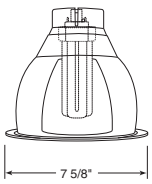
Double Wall Wash

Catalog #	Description	Max. Lamp Rating
600C-WWD-WH	Clear Alzak®, White Trim	32W Triple CFL
600G-WWD-WH	Gold Alzak®, White Trim	**Aperture**
600HZ-WWD-WH	Haze Alzak®, White Trim	6″



Corner Wall Wash

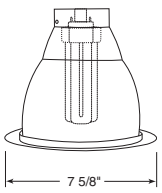
Catalog #	Description	Max. Lamp Rating
600C-WWC-WH	Clear Alzak®, White Trim	32W Triple CFL
600G-WWC-WH	Gold Alzak®, White Trim	**Aperture**
600HZ-WWC-WH	Haze Alzak®, White Trim	6″

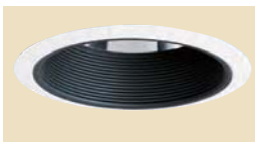


Downlights

Open Downlight

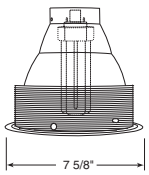
Catalog #	Description	Max. Lamp Rating
600C-WH	Clear Alzak®, White Trim	32W Triple CFL
600G-WH	Gold Alzak®, White Trim	**Aperture**
600HZ-WH	Haze Alzak®, White Trim	6″
600WHZ-WH	Wheat Haze Alzak®, White Trim	





Baffled Downlight

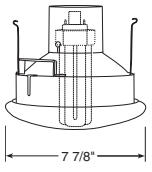
Catalog #	Description	Max. Lamp Rating
601B-WH	Black, White Trim	32W Triple CFL
601W-WH	White, White Trim	**Aperture**
		6″



Decorative

Swirled Etched Opal Glass

Catalog #	Description	Max. Lamp Rating
611-WH	Decorative Swirled Etched Opal Glass	32W Triple CFL



indy™

Architectural Recessed Lighting

Commercial, retail, hospitality, grocery, healthcare … these are the types of places were Indy products excel. Indy recessed lighting is truly architectural-grade, offering high-performance luminaires for superior downlighting, recessed linear, wall washing, and adjustable accent lighting. Known for quality and innovation, award-winning Indy products can create breathtaking illumination effects or leave ceilings so glare-free that they're referred to as, "silent." LED technology is at the heart of an advanced family of luminaires that have reached new heights in lumen output, energy efficiency, and technical sophistication. However, the story doesn't stop with LEDs. The comprehensive selection of Indy luminaires features a wide range of lamp options, unique optic designs, and superb construction details, making them the clear choice in architectural recessed lighting.

Retrofit

New Construction

Remodel

Architectural Recessed Lighting

Indy™ LED Commercial Luminaires … powered by performance, innovation, and efficiency

Packed with performance and innovation – and greater efficiency than ever – it's no wonder Indy LED commercial luminaires have been recognized for excellence throughout the industry.

LED lumen range of 800 to 2,800 lumens is one on the broadest in the industry.

Hyperbolic reflectors* dramatically reduce glare to create "silent" ceilings.

Lumen Depreciation Indicator (LDI)* is an exclusive option that informs you when the LEDs have reached their 50,000-hour service life threshold.

LED chip-on-board design improves efficiency and permits rapid payback comparable to CFL.

Architectural LED Recessed Linear … transforming commercial ceilings from the ordinary to the extraordinary

The Indy 1x4, 2x2, and 2x4 LED recessed luminaires transform commercial ceilings, providing a dramatic appearance upgrade and ultra-efficient illumination in one simple step.

LED lumen packages range from 2600 to 6500, and are offered in four color temperatures, from 3000K to 5000K.

Six optic styles in Basket, Pan and the futuristic "illusion" lay-ins that change in appearance from every viewing angle while providing low glare, uniform illumination.

Environmentally responsible, power consumption is cut by one-third compared to equivalent compact fluorescent fixtures that require 110 input watts.

Extremely efficient with efficacies up to 87lm/W from just 77-watts input, most are DesignLights Consortium Qualified.

0-10V dimming is standard.

Designer Series LED Luminaires … the ultimate expression of Indy innovation

Featuring round, square, and rectangular apertures, these advanced LED luminaires are truly designer-grade. They produce high-quality, color-consistent light and are loaded with innovative features.

High-performance lumen packages provide up to 2,800 lumens.

Remote phosphor technology creates brilliant, color-consistent LED illumination.

Modular light engine and driver permit easy color temperature changes or future upgrades.

Advanced optic system is computer-optimized to create very low-brightness apertures.

Enhanced Spectrum LED versions give reds, greens, and blues unsurpassed vibrancy and saturation.

No one offers more commercial lighting solutions

Open and lensed downlights, recessed linear, pull-down adjustables, wall washers, surface cylinders, multi-lamp luminaires … all are included in the Indy comprehensive line of commercial lighting solutions. With multiple fixture styles and light-source options, Indy commercial recessed lighting offers superior solutions for every application. And when style, flair, and sophistication are the top priorities, Indy Designer Series recessed luminaires are the perfect choice. Tasteful round, square, and rectangular designs feature multi-stage optics that produce, low-glare ceilings. Ultra-efficient LEDs are joined by a full complement of alternative light sources, providing you with a range of energy-efficient solutions. And if you don't see what you need in this Product Guide, we are happy to discuss any customization or specials you may require.

* Patent Pending

LED

LED PRODUCT
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4" LED Downlight

LED PRODUCT
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6" LED Downlight

LED PRODUCT
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8" LED Downlight

LED PRODUCT
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4" LED Wall Wash

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6" LED Wall Wash

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8" LED Wall Wash

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4" Sq. LED Downlight

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6" Sq. LED Downlight

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4" Sq. LED Wall Wash

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6" Sq. LED Wall Wash

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4" Enhanced Spectrum
LED Downlight

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6" Enhanced Spectrum
LED Downlight

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8" Enhanced Spectrum
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4" Enhanced Spectrum
LED Wall Wash

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6" Enhanced Spectrum
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8" Enhanced Spectrum
LED Wall Wash

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4" Sq. Enhanced Spectrum
LED Downlight

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6" Sq. Enhanced Spectrum
LED Downlight

LED PRODUCT
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4" Sq. Enhanced Spectrum
LED Wall Wash

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6" Sq. Enhanced Spectrum
LED Wall Wash

Compact Fluorescent

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6" Triple Tube Horizontal 1-Lamp Downlight

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8" Triple Tube Horizontal 1-Lamp Downlight

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9" Triple Tube Horizontal 2-Lamp Downlight

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4" Triple Tube Vertical 1-Lamp Downlight

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6" Triple Tube Vertical 1-Lamp Downlight

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8" Triple Tube Vertical 1-Lamp Downlight

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9" Triple Tube Vertical 1-Lamp Downlight

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6" Triple Tube Horizontal 1-Lamp Wall Wash

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8" Triple Tube Horizontal 1-Lamp Wall Wash

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9" Triple Tube Horizontal 2-Lamp Wall Wash

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4" Triple Tube Vertical 1-Lamp Wall Wash

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6" Triple Tube Vertical 1-Lamp Wall Wash

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8" Triple Tube Vertical 1-Lamp Wall Wash

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9" Triple Tube Vertical 1-Lamp Wall Wash

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4" Sq. Triple Tube Vertical 1-Lamp Downlight

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6" Sq. Triple Tube Vertical 1-Lamp Downlight

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4" Sq. Triple Tube Horizontal 1-Lamp Downlight

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6" Sq. Triple Tube Horizontal 1-Lamp Downlight

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8" Sq. Triple Tube Horizontal 2-Lamp Downlight

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8" Sq. Triple Tube Horizontal 2-Lamp Downlight

Compact Fluorescent (cont)

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6" x 12" Triple Tube Horizontal 2-Lamp Downlight

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4" x 8" Triple Tube Horizontal 1-Lamp Downlight

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4" Sq. Triple Tube Vertical 1-Lamp Wall Wash

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6" Sq. Triple Tube Vertical 1-Lamp Wall Wash

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4" Sq. Triple Tube Horizontal 1-Lamp Wall Wash

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6" Sq. Triple Tube Horizontal 1-Lamp Wall Wash

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8" Sq. Triple Tube Horizontal 2-Lamp Wall Wash

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8" Sq. Triple Tube Horizontal 2-Lamp Wall Wash

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6" x 12" Triple Tube Horizontal 2-Lamp Wall Wash

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4" x 8" Triple Tube Horizontal 1-Lamp Wall Wash

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1" x 1" Triple Tube Horizontal 1-Lamp Wall Wash

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1" x 2" Long Twin Tube Horizontal 1-Lamp Wall Wash

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1" x 2" T-5 Fluorescent Horizontal 2-Lamp Wall Wash

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48" T-5 Fluorescent Horizontal 2-Lamp Aisle Lighter

HID

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4" T-4 CMH Downlight

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6" T-4 CMH Downlight

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4" T-6 CMH Downlight

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6" T-6 CMH Downlight

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8" T-6 CMH Downlight

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8" ED-17 CMH Downlight (Enclosed)

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8" ED-17 CMH Downlight (Open)

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4" PAR20/30 CMH Downlight

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6" PAR30/38 CMH Downlight

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8" PAR30/38 CMH Downlight

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4" T-4 CMH Adjustable Accent

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6" T-4 CMH Adjustable Accent

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4" T-6 CMH Adjustable Accent

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6" T-6 CMH Adjustable Accent

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8" T-6 CMH Adjustable Accent

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8" ED-17 CMH Adjustable Accent (Enclosed)

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8" ED-17 CMH Adjustable Accent (Open)

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4" PAR20/30 CMH Adjustable Accent

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6" PAR30/38 CMH Adjustable Accent

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8" PAR30/38 CMH Adjustable Accent

HID (cont)

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4" Sq. T-4 CMH Downlight

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6" Sq. T-4 CMH Downlight

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4" Sq. T-6 CMH Downlight

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6" Sq. T-6 CMH Downlight

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4" Sq. PAR20/30 CMH Downlight

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6" Sq. PAR30/38 CMH Downlight

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4" Sq. T-4 CMH Adjustable Accent

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6" Sq. T-4 CMH Adjustable Accent

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4" Sq. T-6 CMH Adjustable Accent

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6" Sq. T-6 CMH Adjustable Accent

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4" Sq. PAR20/30 CMH Adjustable Accent

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6" Sq. PAR30/38 CMH Adjustable Accent

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4" Sq. T-4 CMH Wall Wall

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6" Sq. T-4 CMH Wall Wall

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4" Sq. T-6 CMH Wall Wall

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6" Sq. T-6 CMH Wall Wall

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1" x 1" ED-17 CMH Horizontal 1-Lamp Wall Wash

Incandescent & Low Voltage

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4" PAR30 Incandescent Downlight

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6" PAR30/38 Incandescent Downlight

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8" PAR30/38 Incandescent Downlight

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8" T-4 Tungsten-Halogen Downlight

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4" PAR30 Incandescent Adjustable Accent

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6" PAR30/38 Incandescent Adjustable Accent

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8" PAR30/38 Incandescent Adjustable Accent

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8" PAR56 Incandescent Adjustable Accent

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8" T-4 Tungsten-Halogen Adjustable Accent

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4" MR16 Low Voltage Downlight

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4" AR70 Low Voltage Downlight

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4" AR111 Low Voltage Downlight

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4" MR16 Low Voltage Adjustable Accent

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4" AR70 Low Voltage Adjustable Accent

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4" AR111 Low Voltage Adjustable Accent

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4" Sq. PAR30 Incandescent Downlight

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6" Sq. PAR30/38 Incandescent Downlight

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6" Sq. T-4 Tungsten-Halogen Downlight

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4" Sq. PAR30 Incandescent Adjustable Accent

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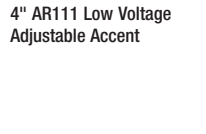
6" Sq. PAR30/38 Incandescent Adjustable Accent

Incandescent & Low Voltage (cont)

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6" Sq. T-4 Tungsten-Halogen Adjustable Accent

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4" Sq. PAR30 Incandescent Wall Wash

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6" Sq. PAR30/38 Incandescent Wall Wash

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6" Sq. T-4 Tungsten-Halogen Wall Wash

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4" Sq. MR16 Low Voltage Downlight

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4" Sq. AR70 Low Voltage Downlight

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4" Sq. AR111 Low Voltage Downlight

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4" Sq. MR16 Low Voltage Adjustable Accent

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4" Sq. AR70 Low Voltage Adjustable Accent

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4" Sq. AR111 Low Voltage Adjustable Accent

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4" Sq. MR16 Low Voltage Wall Wash

LED

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2x2, 2x4 LED
(Illusion Lay-in)

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2x2, 2x4 LED
(Flat Lay-in)

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1x4 LED, Basket

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2x2, 2x4 LED, Basket

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2x2 Parabolic LED

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2x2 Parabolic LED,
Pendant Mount

LED PRODUCT
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2x2 Ziggurat LED

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L4 4" LED Hyperbolic New
Construction Downlight

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L4 4" LED Parabolic
Downlight/Wall Wash

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L6 6" LED Hyperbolic New
Construction Downlight

LED PRODUCT
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L6 6" LED Parabolic
Downlight/Wall Wash

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L8 8" LED Hyperbolic New
Construction Downlight

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L8 8" LED Parabolic
Downlight/Wall Wash

LED PRODUCT
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LRM4 4" LED Hyperbolic
Remodel Downlight

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LRM4 4" LED Parbolic
Remodel Downlight/Wall
Wash

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LRM6 6" LED Hyperbolic
Remodel Downlight

LED PRODUCT
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LRM6 6" LED Parbolic
Remodel Downlight/Wall
Wash

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LRM8 8" LED Hyperbolic
Remodel Downlight

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LRM8 8" LED Parbolic
Remodel Downlight/Wall
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LED PRODUCT
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6" or 8" LED
Retrofit Downlights

Compact Fluorescent

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C4 4" Triple Tube
Vertical - Open Downlight, Wall Wash

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C6 6" Quad Tube
Vertical - Open Downlight, Wall Wash

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C6 6" Triple Tube
Vertical - 26W, 32W Open Downlight, Wall Wash, Cross-Blade Louver

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C6 6" Triple Tube
Vertical - 26W, 32W Lenslite

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C6 6" Triple Tube
Vertical - 42W Open Downlight, Wall Wash, Cross-Blade Louver

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C6 6" Triple Tube
Vertical - 42W Lenslite

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C8 8" Quad Tube
Vertical - Open Downlight, Wall Wash

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C8 8" Triple Tube
Vertical - 26W, 32W Open Downlight, Wall Wash, Cross-Blade Louver

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C8 8" Triple Tube
Vertical - 26W, 32W Lenslite

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C8 8" Triple Tube
Vertical - 42W Open Downlight, Wall Wash

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C8 8" Triple Tube
Vertical - 42W Lenslite

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C9 9" Triple Tube
Vertical - Open Downlight, Wall Wash

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C9 9" Triple Tube
Vertical - Lenslite

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C6 6" Quad Tube
Horizontal - Open Downlight, Wall Wash, Cross-Blade Louver

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C6 6" Quad Tube
Horizontal - Lenslite

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C6 6" Triple Tube
Horizontal - Open Downlight, Wall Wash, Cross-Blade Louver

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C6 6" Triple Tube
Horizontal - Lenslite

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C6 6" Triple Tube
Spread Lens Wall Wash

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C8 8" Quad Tube
Horizontal - Open Downlight, Wall Wash

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C8 8" Quad Tube
Horizontal - Lenslite

Compact Fluorescent (cont)

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C8 8" Quad Tube
Horizontal - Dropped Disk
Design

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C8 8" Quad Tube
Horizontal - Shallow
Cross-Blade Louver

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C8 8" Quad Tube
Spread Lens Wall Wash

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C8 8" Triple Tube
Horizontal - Open
Downlight, Wall Wash

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C8 8" Triple Tube
Horizontal - Lenslite

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C8 8" Triple Tube
Horizontal - Shallow
Cross-Blade Louver

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C8 8" Triple Tube
Spread Lens Wall Wash

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C9 9" Quad Tube
Horizontal - Open
Downlight, Wall Wash

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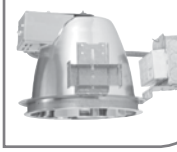
C9 9" Triple Tube
Horizontal - Open
Downlight, Wall Wash

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C9 9" Triple Tube
Horizontal - Lenslite

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C9 9" Triple Tube
Horizontal - Dropped Disk
Design

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C9 9" Triple Tube
Horizontal - Shallow
Cross-Blade Louver

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C9 9" Triple Tube
Angle Cone Wall Wash

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C12 12" Triple Tube
Horizontal - Open
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C12 12" Square Parabolic
for Long Twin Tube - 4 Cell

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C12 12" Square Parabolic
for Long Twin Tube - 9 Cell

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N9 9" QL Lamp
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N9 9" QL Lamp Lenslite

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N12 12" QL Lamp
Open Downlight,
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N12 12" QL Lamp Lenslite

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N12 12" ICETRON® Lamp
Open Downlight,
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M4 4" T4 Vertical
CMH - Downlight

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M4 4" T6/T4.5 Vertical
CMH - Open Downlight

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M4 4" MR16 Vertical
CMH - Open Downlight

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M4 4" PAR20 Vertical
CMH - Open Downlight

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M6 6" T4 Vertical
CMH - Open Downlight

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M6 6" T6/T4.5 Vertical
CMH - Open Downlight

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M6 6" PAR30L/38 Vertical
CMH - Open Downlight

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M6 6" ED17 Vertical
CMH - Open Downlight,
Wall Wash

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M6 6" ED17 Vertical
CMH - Lenslite

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M8HD 8" T6 Dura-Life
CMH - Lenslite for 2 Lamps

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M8 8" T6 Vertical
CMH - Open Downlight

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M8 8" PAR30L/38 Vertical
CMH - Open Downlight

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MD8 8" PAR30L/38 Vertical
CMH - Deep Cone, Deep
Baffle

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M8 8" ED17 Vertical
CMH - Open Downlight,
Wall Wash

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M8 8" ED17 Vertical
CMH - Lenslite

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M9 9" ED17 Horizontal Dura-Life CMH - Lenslite for 2 Lamps

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M9 9" ED17 Vertical CMH - Open Downlight

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M10 10" ED17/28 Vertical CMH - Open Downlight

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M10 10" ED17/28 Vertical CMH - Lenslite

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M12 12" ED17/28/37 Vertical CMH - Open Downlight

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M12 12" ED17/28 Vertical CMH - Lenslite

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M12 12" ED28 Horizontal Dura-Life CMH - Lenslite for 2 Lamps

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M12 12" ED17 Horizontal CMH - Open Downlight

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M12 12" ED17/28 Horizontal CMH - Lenslite

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M6 6" T4 CMH - Spread Lens Wall Wash

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M6 6" T6-T4.5 CMH Spread Lens Wall Wash

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M6 6" PAR38 CMH Spread Lens Wall Wash

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M8 8" T6 CMH Spread Lens Wall Wash

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M8 8" PAR38 CMH Spread Lens Wall Wash

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M4A 4" T4 CMH - Internally Adjustable, Low Glare

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M4A 4" T6/T4.5 CMH Internally Adjustable, Low Glare

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M4A 4" MR16 CMH Internally Adjustable, Low Glare

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M4A 4" PAR20 CMH Internally Adjustable, Low Glare

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M6A 6" T4 CMH - Internally Adjustable, Low Glare

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M6A 6" T6/T4.5 CMH Internally Adjustable, Low Glare

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M6A 6" PAR30L/38 CMH Internally Adjustable, Low Glare

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M6A 6" PAR38 CMH Internally Adjustable, Easy Adjustment

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M8A 8" T6 CMH - Internally Adjustable, Low Glare

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M8A 8" PAR30L/38 CMH Internally Adjustable, Low Glare

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M8A 8" PAR38 CMH Internally Adjustable, Easy Adjustment

Incandescent

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A4 4" Vertical A19 - Open Downlight

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A4 4" Vertical PAR16/20 Open Downlight

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P4D 4" Vertical PAR30 Deep Cone, Baffle Downlight

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A6H 6" Horizontal A19/21 Open Downlight, Wall Wash

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A6 6" Vertical A19/21 Open Downlight, Wall Wash

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P6 & A6 6" Vertical PAR30/38 - Open Downlight

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P6D 6" Vertical PAR30/38 Deep Cone, Baffle Downlight

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A8 8" Vertical A21/23 Open Downlight, Wall Wash

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A8 8" Vertical A21/23 Lenslite

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A8 8" Vertical PAR38 Open Downlight

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P8D 8" Vertical PAR38 Deep Cone, Baffle Downlight

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Q8 8" Vertical T4/T10 Lensed Downlight

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P6 6" PAR38 - Spread Lens Wall Wash

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P8 8" PAR38 - Spread Lens Wall Wash

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P4A 4" PAR16/20 Internally Adjustable, Low Glare

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P5A 5" PAR38 Internally Adjustable

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P6A 6" Square PAR38 Internally Adjustable

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P6A 6" PAR16/20/30 Internally Adjustable

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P6A 6" PAR38 Internally Adjustable

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P8A 8" PAR38 Internally Adjustable, Low Glare

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P8RA 8" PAR38 Internally Adjustable, Easy Adjustment

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P9A 9" PAR38 Internally Adjustable

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LV4 4" MR16 Low Voltage Downlight, No Glare

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LV4A 4" MR16 Low Voltage Internally Adjustable

Adjustable Accent (Pull Down and Semi-Recessed)

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M6PD 6" PAR20 CMH Pull Down Adjustable

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M6SR 6" PAR20 CMH Semi-Recessed Adjustable

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M8PD 8" PAR30 CMH Pull Down Adjustable

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M8SR 8" PAR30 CMH Semi-Recessed Adjustable

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M8PD 8" PAR38 CMH Pull Down Adjustable

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M8SR 8" PAR38 CMH Semi-Recessed Adjustable

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M8PD 8" ED17 CMH Pull Down Adjustable

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P6PD 6" PAR16/20 Incandescent Pull Down Adjustable

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P6SR 6" PAR16/20 Incandescent Semi-Recessed Adjustable

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P6PD 6" PAR30 Incandescent Pull Down Adjustable

Adjustable Accent (cont)

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P6SR 6" PAR30 Incandescent Semi-Recessed Adjustable

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P8PD 8" PAR38 Incandescent Pull Down Adjustable

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P8SR 8" PAR38 Incandescent Semi-Recessed Adjustable

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P8FA 8" PAR38 Incandescent Flush Adjustable

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P9PD 9" PAR38 Incandescent Pull Down Adjustable

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LV6PD 6" MR16 Low Voltage Pull Down Adjustable

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LV6SR 6" MR16 Low Voltage Semi-Recessed Adjustable

Cylinders

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9" LED Series Open Aperture

LED PRODUCT
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9" Enhanced Spectrum LED Series Open Aperture

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9" 250W T4 Tungsten-Halogen

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9" 500W T4 Tungsten-Halogen

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9" ED17 Vertical CMH Open Downlight

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9" ED17 Vertical CMH Lamp Shielding Provided

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9" PAR38 Vertical CMH Open Downlight, Adjustable, Spread Lens Wall Wash

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9" Vertical QL Lamp

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9" ED17 Horizontal Dura-Life CMH Lenslite for 2 Lamps

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10" Quad Horizontal Compact Fluorescent Open Downlight

Cylinders (cont)

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12" ED17/28 Vertical CMH Open Downlight, Wall Wash

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12" ED17/28 Vertical CMH Lamp Shielding Provided

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12" PAR38 Vertical CMH Open Downlight, Adjustable, Spread Lens Wall Wash

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12" Vertical QL Lamp Open Downlight

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12" Triple Tube Vertical Compact Fluorescent Open Downlight

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12" Triple Horizontal Compact Fluorescent Open Downlight

Multi-Lamp

LED PRODUCT

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LED Designer Cove™ MR16 Size Open Aperture with White Trim Flange

LED PRODUCT

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LED Designer Cove™ MR16 Size Open Aperture, Trimless

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LED Designer Cove™ PAR30 Size Open Aperture with White Trim Flange

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LED Designer Cove™ PAR30 Size Open Aperture, Trimless

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Designer Cove™ T4 CMH Open Aperture with White Trim Flange

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Designer Cove™ T4 CMH Open Aperture, Trimless

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Designer Cove™ T6/T4.5 CMH Open Aperture with White Trim Flange

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Designer Cove™ T6/T4.5 CMH Open Aperture, Trimless

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Designer Cove™ MR16 CMH Open Aperture with White Trim Flange

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Designer Cove™ MR16 CMH Open Aperture, Trimless

Multi-Lamp (cont)

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Designer Cove™ PAR20 CMH Open Aperture with White Trim Flange

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Designer Cove™ PAR30/38 CMH Open Aperture with White Trim Flange

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Designer Cove™ MR16 Low Voltage - Open Aperture with White Trim Flange, Low Profile

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Designer Cove™ MR16 Low Voltage - Open Aperture with White Trim Flange, Individual Transformers

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Designer Cove™ MR16 Low Voltage - Open Aperture, Trimless

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Designer Cove™ AR111 Low Voltage - Open Aperture with White Trim Flange

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Designer Cove™ AR111 Low Voltage - Open Aperture, Trimless

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Designer Cove™ PAR20/30/38 Halogen Open Aperture with White Trim Flange

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Designer Cove™ PAR20/30/38 Halogen Open Aperture, Trimless

LED PRODUCT
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LED Multi-Spot® MR16 Size Recessed Adjustables

LED PRODUCT
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LED Multi-Spot® PAR30 Size Recessed Adjustables

LED PRODUCT
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Multi-Spot® LED Retrofit Kit Recessed Adjustables

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Multi-Spot® T4 CMH Multi-Lamp Recessed Adjustables

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Multi-Spot® T6/T4.5 CMH Multi-Lamp Recessed Adjustables

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Multi-Spot® MR16 CMH Multi-Lamp Recessed Adjustables

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Multi-Spot® PAR30 CMH - Closed Pan with White Trim Flange

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Multi-Spot® ED17 CMH - Adjustable Wall Wash with White Trim Flange & Lens

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MS257 T4 Wall Wash Multi-Spot® Adjustable Wall Wash

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MS124 T4 Wall Wash Multi-Spot® Adjustable Wall Wash

Multi-Lamp (cont)

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MS256 T6/T4.5 Wall Wash Multi-Spot® Adjustable Wall Wash

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MS122 T6/T4.5 Wall Wash Multi-Spot® Adjustable Wall Wash

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Multi-Spot® MR16 Low Voltage Closed Pan with White Trim Flange

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Multi-Spot® PAR30 Halogen Closed Pan with White Trim Flange

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Multi-Spot® PAR38 Halogen Closed Pan with White Trim Flange

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Multi-Spot® Compact Fluorescent Adjustable Wall Wash with White Trim Flange

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AVIO™ Recessed MR16 CMH

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AVIO™ Recessed MR16 Low Voltage

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AVIO™ Recessed PAR30 Halogen

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AVIO™ Surface Mount MR16 CMH

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AVIO™ Surface Mount MR16 Low Voltage

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AVIO™ Surface Mount PAR30 Halogen

Accessories

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Mounting Accessories

Designer Series LED Rounds

Lamp Type	Fixture Type	Aperture Size		Light Engine Lumen Output	CCT	Voltage		Trim Color	Finish	Flange	Generation Level		Options
S	D	4	–	11	30	1	–	SA	S	F	3	–	825

S Solid State (LED)

D Downlight
AW Architectural Wall Wash

4 4 inch
6 6 inch
8 8 inch

11 1100 Lumens
13 1300 Lumens
20 2000 Lumens
28 2800 Lumens (Voltage specific)

27 2700K
30 3000K
35 3500K
40 4100K

1 120V
2 277V
3 347V

SA Clear
CG Champagne Gold
BA Black
PA Pewter
WT Wheat
BR Bronze
WH White Paint

S Satin
Q Semi-Specular (Downlight only)
-blank- Specular

F Self flange

3 3

PF Painted flange only (White)
F Fuse and fuse holder
BP 120/277V Emergency battery pack with remote test switch
347 347V
R1 Reverse phase dimming
D1 Dali control dimming
PD Lutron dimming driver (2800Lm only)
PD1 Lutron dimming driver (120V only)
PD2 Lutron dimming driver (277V only)
CP Chicago plenum
825 28" "C" channel mounting bars (pair)
WL Wet location

Designer Series LED Squares

Lamp Type	Fixture Type	Square	Aperture Size		Light Engine Lumen Output	CCT	Voltage		Trim Color	Finish	Flange	Generation Level		Options
S	D	SQ	4	–	11	30	1	–	SA	S	F	3	–	825

S Solid State (LED)

D Downlight
AW Architectural Wall Wash

SQ Square

4 4 inch
6 6 inch
8 8 inch (Downlight only)

11 1100 Lumens
13 1300 Lumens
20 2000 Lumens
28 2800 Lumens (Voltage specific)

27 2700K
30 3000K
35 3500K
40 4100K

1 120V
2 277V
3 347V

SA Clear
CG Champagne Gold
BA Black
PA Pewter
WT Wheat
BR Bronze
WH White Paint

S Satin
-blank- Specular

F Self flange

3 3

PF Painted flange only (White)
F Fuse and fuse holder
BP 120/277V Emergency battery pack with remote test switch
347 347V
R1 Reverse phase dimming
D1 Dali control dimming
PD Lutron dimming driver (2800Lm only)
PD1 Lutron dimming driver (120V only)
PD2 Lutron dimming driver (277V only)
CP Chicago plenum
825 28" "C" channel mounting bars (pair)
WL Wet location

Designer Series CFL Rounds

Source	Type	Lamp Configuration	Aperture		Wattage	Ballast		Color Options	Trim	Finish	Flange		Options/Accessories
F	W	5	9	–	42	E	–	SA	C	S	F	–	DLS

F Fluorescent

D Downlight
W Wallwash

1 Vertical triple tube
2 Horizontal triple tube 1-lamp
5 Horizontal triple tube 2-lamp

6
8
9

26
32
42

E Electronic

SA Clear
CG Champagne Gold
BA Black
PA Pewter
WT Wheat
BR Bronze
WH White Paint

C Cone

S Satin

F Self flange

D7 Advance® dimming ballast (Mark 7)
AD Advance® dimming ballast (Mark 10)
DLS Dual level switching
CP Chicago plenum approval
SCA Sloped ceiling adaptor
LD Lutron® dimming ballast
BP-I Emergency battery pack w/ internal test switch
F Fuse and fuse holder
825 'C' channel mounting bars, pair
PF Painted flange

Designer Series CMH Rounds

Source	Type	Lamp Configuration	Aperture		Wattage	Input/Voltage		Color Options	Trim	Finish	Flange		Options/Accessories
H	**A**	**3**	**8**	–	**70**	**E**	–	**CG**	**C**	**S**	**F**	–	**CP**
H H.I.D.	**D** Downlight	**1** Vertical ED-17 Non-protected	**4**		**20** T4/T6	**E** Electronic Universal Voltage		**SA** Clear	**C** Cone	**S** Satin	**F** Self flange		**FL** Flood reflector
	A Accent	**3** Vertical ED-17 Protected	**6**		**39** T-4/T-6 PAR20/ PAR30	**E1** 120V Electronic (150W Only)		**CG** Champagne Gold					**MFL** Medium flood reflector
		5 Vertical T-6	**8**		**50** ED-17			**BA** Black					**F** Fuse and fuse holder
		7 Vertical T-4			**70** T-4/T-6/ED-17 PAR30/PAR38	**E2** 277V Electronic (150W Only)		**PA** Pewter					**CP** Chicago plenum approval
		B PAR			**100** ED-17/PAR38			**WT** Wheat					**825** "C" channel mounting bars, pair
					150 T-6/ED-17 PAR38			**BR** Bronze					**SCA** Sloped ceiling adaptor
								WH White Paint					**PF** Painted flange

Designer Series Incandescent Rounds

Source	Type	Lamp Configuration	Aperture	Beam Spread		Wattage	Voltage		Color Options	Trim	Finiah	Flange		Options/Accessories
I	**A**	**3**	**4**		–	**75**	**1**	–	**SA**	**C**	**S**	**F**	–	**825**
I Incandescent	**D** Downlight	**1** MR-16	**4** PAR30, MR16 & AR70/111 only	**N** Narrow T-4 only		**75** 75W PAR30 Max	**1** 120 Volt		**SA** Clear	**C** Cone	**S** Satin	**F** Self flange		**PF** Painted Flange only (White)
L Low Voltage	**A** Adjustable	**2** AR111	**6** PAR30/38 only	**M** Medium T-4 Only		**150** 150W PAR38 Max	**2** 277 Volt Excluding PAR56 & T-4		**CG** Champagne Gold					**F** Fuse and Fuse Holder
		3 AR70	**8** T-4, PAR30/38/56 only	**W** Wide T-4 Only		**250** 250W PAR38 Max			**BA** Black					**CP** Chicago Plenum Approval (Consult factory for availability)
		3 PAR30/38 Lamp				**250** T-4 Only			**PA** Pewter					**825** 28" "C" Channel Mounting Bars, Pair
		4 PAR56				**500** 300-500 PAR56 Only			**WT** Wheat					**SCA** Sloped Ceiling Adapter
		5 T-4 Quartz				**500** T-4 Only			**BR** Bronze					
						75 MR16 & AR70			**WH** White Paint					
						100 AR111 only								

Black=Common
Red=PAR30 & PAR38 only
Blue=PAR56
Orange=T-4 only
Green=MR16, AR70 & AR111 only

Designer Series CFL Squares

Source	Type	Square	Lamp Configuration	Aperture		Wattage	Ballast/Voltage		Trim Finish Options					Options
F	D	SQ	1	4	–	26	E	–	SA	T	S*	F	–	825
F Fluorescent	D Downlight W Wall Wash	SQ Square	1 Vertical Triple Tube	4 6		26 Triple Tube 32 Triple Tube 42 Triple Tube	E Electronic Universal Voltage		SATSF Clear (Std.) Trim Satin Self Flange CGTSF Champagne Gold Trim Satin Self Flange BATSF Black Trim Satin Self Flange PATSF Pewter Trim Satin Self Flange WTSTF Wheat Trim Satin Self Flange BRTSF Bronze Trim Satin Self Flange **Painted Finish Option** WHTF White Trim Self Flange					F Fuse and Fuse Holder 825 28" "C" Channel Mounting Bars, Pair BP1-I 120V Emergency Battery Pack with Internal Test Switch (For remote test switch, specify-BP1) BP2-I 277V Emergency Battery Pack with Internal Test Switch (For remote test switch, specify-BP2) CP Chicago Plenum Approval (Consult factory for availability) D7 Advance® dimming ballast (Mark 7) AD Advance® dimming ballast (Mark 10) LD Lutron® dimming ballast

Designer Series CMH Squares

Source	Type	Square	LampLamp Configuration	Aperture		Wattage	Input/Voltage		Trim Finish Options				Options
H	A	SQ	7	4	–	20	E	–	SA	T	S*	F	– F
H H.I.D. (CMH)	D Downlight A Adjustable W Wall Wash	SQ Square	5 Vertical T6 7 Vertical T-4 B PAR	4 6		20 T4/T6 39 T-4/T6/PAR20/PAR30 70 T-4/T6/PAR30/PAR38 100 PAR38 150 T6/PAR38	E Electronic Universal Voltage E1 120V Electronic (150W Only) E2 277V Electronic (150W Only)		SATSF Clear (Std.) Trim Satin Self Flange CGTSF Champagne Gold Trim Satin Self Flange BATSF Black Trim Satin Self Flange PATSF Pewter Trim Satin Self Flange WTSTF Wheat Trim Satin Self Flange BRTSF Bronze Trim Satin Self Flange **Painted Finish Option** WHTF White Trim Self Flange				F Fuse and Fuse Holder CP Chicago Plenum Approval (Consult factory for availability) 825 28" "C" Channel Mounting Bars, Pair MFL Medium Flood Reflector (T-4/T6 only) Adjustables FL Flood Reflector (T6 only) Adjustables

Designer Series Incandescent Squares

Source	Type	Square	Lamp Configuration	Aperture	Beam Spread		Max. Lamp Wattage Input Voltage			Trim Finish Options					Options
L	D	SQ	1	4		–	75	1	–	SA	T	S*	F	–	F
I Incandescent L Low Voltage	D Downlight A Adjustable W Wall Wash (Except AR111 and AR70)	SQ Square	1 MR16 2 AR111 3 AR70 3 PAR30/PAR38 5 T-4 Quartz	4 (Except Quartz) 6 (PAR, T-4 only)	N Narrow T-4 Only M Medium T-4 Only W Wide T-4 Only		50 AR70 75 MR16 100 AR111 75 PAR30 150 PAR38 150 T-4 Quartz 250 T-4 Quartz	1 120 Volt 2 277 Volt (Except T-4 Quartz)		SATSF Clear (Std.) Trim Satin Self Flange CGTSF Champagne Gold Trim Satin Self Flange BATSF Black Trim Satin Self Flange PATSF Pewter Trim Satin Self Flange WTSTF Wheat Trim Satin Self Flange BRTSF Bronze Trim Satin Self Flange **Painted Finish Option** WHTF White Trim Self Flange					F Fuse and Fuse Holder PF Painted Flange Only (White) CP Chicago Plenum Approval (Consult factory for availability) 825 28" "C" Channel Mounting Bars, Pair

* For specular trim, remove "S" eg., SATF

Black=Common
Red=PAR30 & PAR38 only
Blue=PAR56
Orange=T-4 only
Green=MR16, AR70 & AR111 only

Light Control Accessories
(Order Separately)

Light Control Lenses
These alter the light distribution of a given lamp, enlarging or elongating it, softening the beam edge or removing striations.

Accessories Holders

851-
IASQ34, LASQ24, LASQ34
(Holds up to two accessories))

854-
(Holds up to two accessories))

Lens/Louver/Filters*

PGL
Prismatic Glass Lens

LSL
Linear Spread Lens

LVR
Louver

Color Filters
These change white light into colored light and are available in a variety of colors.

Color Filters*

CF-
Ordering Example:
CF-XX(=Lamp Type i.e. PAR38)-Color (B)

Color Options
R-Red
P-Pink
B-Light Blue
MB-Medium Blue
A-Amber
G-Green

Designer Series Squares

Source	Square	Type/ Aperture		Lamp Wattage	Ballast		Trim Finish Options		Reflector Finishes			Options
23	SQ	26	–	32	E	–	SATSF	OR	–		–	F
23 Downlight **25** Wall Wash **25** Wall Wash **45** Wall Wash	**SQ** Square	**26** 6" (26W or 32W) Fluorescent **58** 8" (32W or 42W) Fluorescent **21** (1 x 1 Fluorescent) **41** (1 x 1 HID)		**26** Triple Tube **32** Triple Tube **42** Triple Tube **42**-26/32/42W **57**-57W **70**-70W **70** ED17 **100** ED17 **150** ED17	**E** Electronic Universal Voltage 120V/277V		**SATSF** Clear (Std.) **CGTSF** Champagne Gold **BATSF** Black **PATSF** Pewter **WTTSF** Wheat **BRTSF** Bronze **Painted Finish Option** **WHTF** White 23SQ26, 25SQ26 (Only)		**SASF** Clear (Std.) **CGSF** Champagne Gold **BASF** Black **PASF** Pewter **WTSF** Wheat **BRSF** Bronze **WHF** 23SQ58, 25SQ58 (Only)	**SA** Clear (Std.) **CG** Champagne Gold **BA** Black **PA** Pewter **WT** Wheat **BR** Bronze **WH** 25SQ21, 45SQ41 (Only)		**F** Fuse and Fuse Holder **CP** Chicago Plenum Approval (Consult factory for availability)) **825** 28" "C" Channel Mounting Bars (pair) **DB** Dimming Ballast (Consult Factory) **BP1** 120V Emergency Battery Pack w/Internal Test Switch (For remote test switch, specify - BP1) (For 25SQ58 Fixture Series) **BP2** 277V Emergency Battery Pack w/Internal Test Switch (For remote test switch, specify - BP2) (For 25SQ58 Fixture Series) **1L** Single Lamp Center Position (For 23SQ58 and 25SQ58 Only) **DLS** Dual Level Switching (For 23SQ58 and 25SQ58 Only) **PF** Painted Flange Only (White) (For 23SQ26, 23SQ58, 25SQ58 and 25SQ26 Only)

Black=Common
Red=CFL Triple Tube
Blue=1x1, CFL Twin Tube
Orange=ED17

Designer Series Rectangles

Source	Rectangular	Type/ Aperture		Lamp Wattage	Ballast		Trim Finish Options		Reflector Finishes		Lens		Options
23	R	56	–	32	E	–	SATSF	OR	–	–	PGL	–	F
23 Downlight **25** Wall Wash **25** Wall Wash **25** Wall Wash	**R** Rectangular	**56** 6" x 12" (32W or 42W) Fluorescent **24** 4" x 8" (26W , 32W or 42W) Fluorescent **71** 1' x 2' Long Twin Tube **91** 1' x 2' T5 Fluorescent		**26** Triple Tube (except 23R56 and 25R56) **32** Triple Tube **42** Triple Tube **40** Long Twin Tube **50** Long Twin Tube **55** Long Twin Tube **80** Long Twin Tube **24** T5 Fluorescent	**E** Electronic Universal Voltage 120V/277V		**SATSF** Clear (Std.) **CGTSF** Champagne Gold **BATSF** Black **PATSF** Pewter **WTTSF** Wheat **BRTSF** Bronze **Painted Finish Option** **WHTF** White 23R56, 25R56, 23R24. and 25R24 (Only)		**SA** Clear (Std.) **CG** Champagne Gold **BA** Black **PA** Pewter **WT** Wheat **BR** Bronze **WHF** 25R71, 25R91 (Only)		**PGL** Prismatic Glass (Std.) (23R24 and 25R24 Only)		**F** Fuse and Fuse Holder **CP** Chicago Plenum Approval (Consult factory for availability)) **825** 28" "C" Channel Mounting Bars (pair) **DB** Dimming Ballast (Consult Factory) **BP1-I** 120V Emergency Battery Pack w/Internal Test Switch (For remote test switch, specify - BP1) **BP2-I** 277V Emergency Battery Pack w/Internal Test Switch (For remote test switch, specify - BP2) **1L** Single Lamp Center Position (25R91 Only) **PF** Painted Flange Only (White) (For 23R56, 25R56, 23R24 and 25R24 Only)

Black=Common
Red=CFL Triple Tube
Blue=CFL Twin Tube
Orange=T-5 Fluorescent

LED Downlight Rough-In

Source	Aperture Size		Light Engine Lumens	Color Temperature	Voltage		Options
L	**8**	–	**23**	**35**	**3**	–	**LDI**
L LED New Construction	**4"**		**13** 1300 Lumens	**27** 2700K	**1** 120V		**F** Fuse and Fuse Holder
LRM LED Remodel	**6"**		**15** 1500 Lumens	**30** 3000K	**2** 277V		**CP†** Chicago Plenum Approval
	8"		**17** 1700 Lumens	**35** 2700K	**3** 347V		**BR** Emergency Battery Pack with Remote Test Switch
			23 2300 Lumens	**40** 4100K			**LDI** Lumen Depreciation Indicator
			28 2800 Lumens				**PD‡** Programmable Dimming Driver (Lutron EcoSystem®)

† Consult Factory for Availability

‡ Not Available for 2800 Lumens

LED Downlight Reflector (Order Separately)

Source	Aperture Size	Lamp Orientation	# of Lamps	Reflector Style		Color Options	Finish		Options
L	**8**	**0**	**0**	**HW**	–	**C**	**Q**	–	**WH**
L LED	**4"**	**0** Vertical	**0** One	**H** **Hyperbolic** Open Reflector, Medium Distribution		**C[1]** Clear	**Low Iridescent Alzak®**		**WH** White Flange
	6"					**G** Gold	**L[1]** Specular		**WET** Wet Location (Parablic only)
	8"			**HW** **Hyperbolic** Open Reflector, Wide Distribution		**WT** Wheat	**S[1]** Satin		
				P **Parabolic** Open Reflector		**PT** Pewter	**Q[1] & *** Semi-Specular (*Clear only)		
				B Black Baffle		**BZ** Bronze	**-blank-** Baffle & White		
				WW Wall Wash (Parabolic only)		**B** Black			
						W White			

LED Architectural Recessed Lay-in - 2x2/2x4

Source	Basket Style		Light Engine Lumens	Color Temperature	Voltage		Finish	Generation		Options/Accessories	
S2X4	**LI**	–	**32**	**35**	**1**	–	**WH**	**2**	–	**BR**	**2x2DWA**
S2X2†	**LI**		**32**	**30**	**1**		**WH**	**2**		**BR**	**2x2DWA**
2'x2' Solid State LED	Illusion Lay-in		3200 Lumens	3000K	120V		White			Emergency Battery Pack with Remote Test Switch	2'x2' Drywall Frame Adapter
S2X4†	**LF**		**61***	**35**	**2**						
2'x4' Solid State LED	Flat Lay-in		6100 Lumens	3500K	277V					**NY**	**2x4DWA**
				40	**3**					20 GA. Housing	2'x4' Drywall Frame Adapter
				4100K	347V						
				50							
				5000K							

* 2'x4' only

† Refer to specification sheets for DesignLights™ Consortium qualified products

LED Architectural Recessed Basket - 1x4/2x2/2x4

Source	Basket Style		Light Engine Lumens*	Color Temperature	Voltage		Finish	Generation		Options/Accessories	
S2X2	**BP**	–	**26**	**35**	**1**	–	**WH**	**2**	–	**BR**	**1x4DWA**
S1X4†	**BP**		**26**[1]	**30**	**1**		**WH**	**2**		**BR**	**2x2DWA**
1'x4' Solid State LED	White Perforated		2600 Lumens	3000K	120V		White			Emergency Battery Pack with Remote Test Switch	2'x2' Drywall Frame Adapter
S2X2†	**BO**		**39**[2]	**35**	**2**						
2'x2' Solid State LED	Opal Diffuser		3900 Lumens	3500K	277V					**AM**	**2x4DWA**
S2X4			**45**[1]	**40**	**3**					Anti-Microbial Paint	2'x4' Drywall Frame Adapter
2'x4' Solid State LED			4500 Lumens	4100K	347V					**SS**	
			65[2]	**50**						Housing for 9/16" Screw Slot Grid	
			6500 Lumens	5000K							

[1] BP Perforated style only

[2] BO Diffuser style only

† Refer to specification sheets for DesignLights™ Consortium qualified products

* See product pages for exact lumen engine offering by size

LED Commercial Retrofit Rough-In

Source	Aperture Size		Light Engine Lumens	Color Temperature	Voltage		Original Light Source		Options
LRT	**8**	–	**17**	**27**	**1**	–	**HID**	–	**LDI**
LRT LED Retrofit	**6"**		**13** 1300 Lumens	**†27** 2700K	**1** 120V		**INC*** Incandescent		**F** Fuse and Fuse Holder
	8"		**15** 1500 Lumens	**30** 3000K	**2** 277V		**CFL** Compact Fluorescent		**CP†** Chicago Plenum Approval
			17 1700 Lumens	**35** 2700K	**3** 347V		**HID** Metal Halide		**BR** Emergency Battery Pack with Remote Test Switch (CFL Version only)
			23 2300 Lumens	**40** 4100K	**U*** Universal Voltage				**LDI** Lumen Depreciation Indicator
			28 2800 Lumens						**LDI** Lumen Depreciation Indicator
									PD‡ Programmable Dimming Driver (Lutron EcoSystem®)

† Not ENERGY STAR® Qualified

‡ Not Available for 2800 Lumens

* INC only is universal voltage (must be 120V at socket)

LED Commercial Retrofit Reflector (Order Separately)

Source	Aperture Size	Lamp Orientation	# of Lamps	Reflector Style		Color Options	Finish		Options
LRT	**8**	**0**	**0**	**H**	–	**C**	**Q**	–	**WET**
LRT LED Retrofit	**6"**	**0** Vertical	**0** One	**H** **Hyperbolic** Open Reflector, Medium Distribution		**C** - Clear **W** - White	**Low Iridescent Alzak®**		**WET** Wet Location Listing (Parabolic only)
	8"						**L** Specular		
				HW **Hyperbolic** Open Reflector, Wide Distribution		**C** - Clear **W** - White	**S** Satin		
							Q** Semi-Specular (**Clear only)		
				P **Parabolic** Open Reflector		**C** - Clear **W** - White	**-blank-** White		
				B Baffle		**W** - White **B** - Black			

CFL & Induction Recessed Rough-In

Source	Aperture Size	Lamp Orientation/ Luminaire Characteristic		# of Lamps	Wattage	Lamp Type		Options
C	8	V	–	1	26/42	T	–	

Source

- **C** — CFL
- **N** — Induction

Aperture Size

- 4
- 6
- 8
- 9
- 12

Lamp Orientation/ Luminaire Characteristic

- **V** — Vertical
- **H** — Horizontal
- **HX** — Horizontal Low Profile
- **VW** — For Double & Corner Vertical Wallwashers
- **HW** — For Double & Corner Horizontal Wallwashers
- **AW** — Angled Lamp Spread Lens Wallwash
- **HD** — Dropped Disc Design

# of Lamps

- **1** — One
- **2** — Two

Wattage

- 13
- 18
- 26
- 32
- 42
- **26/32**
- **26/42** — 26/32/42
- 57
- 70
- 85
- 100
- 165

Lamp Type

- **T** — Triple
- **Q** — Quad
- **QL** — QL Lamp
- **R** — Icetron Lamp

Options

- **F** — Slow Blow Fuse and Fuse Holder (Select specific voltage in voltage selection)
- **BR** — Emergency Battery Backup with Remote Test Switch
- **BN** — Emergency Battery Backup with Integral Test Switch
- **D10** — Dimming Ballast Advance Mark X
- **D7** — Dimming Ballast Advance Mark VII
- **DL** — Dimming Ballast Lutron Hi-Lume®
- **2S** — Dual Level Switching
- **CP** — Chicago Plenum
- **NV** — Non-Vented Socket Cap
- **DX** — Dimming Ballast as Specified
- **347** — 347V

CFL & Induction Recessed Reflector

Source	Aperture Size	Lamp Orientation	# of Lamps	Reflector Style		Lamp Wattage	Lamp Type		Reflector, Baffle or Splay Color	Reflector Finish		Downlight Lens		Options
C	8	0	0		–			–	C	L	–		–	

Source

- **C** — CFL
- **NQL** — Induction QL
- **NR** — Induction Icetron

Aperture Size

- 4
- 6
- 8
- 9
- 12

Lamp Orientation

- **0** — Vertical
- **5** — Horizontal

# of Lamps

- **0** — One
- **2** — Two

Reflector Style

- **-blank-** — Open Downlight
- **B** — Baffle
- **X** — Cross Blade Louver
- **WS** — Single Kicker Wallwash
- **WD** — Double Kicker Wallwash
- **WC** — Corner Kicker Wallwash
- **WL** — Spread Lens Wallwash
- **LC** — Lower Cone

Lamp Wattage

- **-blank-** — No Wattage Descriptor Necessary
- **42** — 42W CFL

Lamp Type

- **-blank-** — No Lamp Descriptor Necessary
- **Q** — Quad
- **T** — Triple Tube

Reflector, Baffle or Splay Color

- **C** — Clear
- **G** — Gold
- **WT** — Wheat
- **PT** — Pewter
- **BZ** — Bronze
- **B** — Black
- **W** — White

Reflector Finish

- **-blank-** — Painted
- **L** — Specular Low Iridescent
- **S** — Satin Anodize

Downlight Lens

- **-blank-** — None
- **CG** — Clear Glass Lens
- **FG** — Fresnel Glass Lens
- **PG** — Prismatic Glass Lens
- **PP** — Prismatic Plastic Lens
- **CP** — Clear Plastic Lens
- **FD** — Frosted Dropped Disc
- **FD2** — Frosted Double Dropped Discs

Options

- **WH** — Painted White Flange
- **BN** — Added Hole for Emergency Test Switch
- **MAX***** — Labled for Maximum Wattage (*** = fill in wattage)
- **WET** — Wet Location Listing

HID Recessed Rough-In

Source	Aperture Size	Lamp Orientation/ Luminaire Characterisic		Lamp Type	Wattage	Ballast Type	Voltage		Options
M	8		–	ED	100	E		–	SW
M Metal Halide	**4** **6** **8** **9** **10** **11** **12**	**-blank-** Vertical **H** Horizontal **HD** Horizontal "Duralife" **W** For Double & Corner Vertical Wallwashers **A** Internally Adjustable **AW** Angled Lamp Spread Lens Wallwash **PD** Pull Down Adjustable **SR** Semi-Recessed Adjustable		**ED** ED/BT Protected **EDS** ED/BT Non-Protected **P20** PAR20 **P30** PAR30L **P30/38** PAR30L/38 **P38** PAR38 **T6** T6/T4.5, G12 Base **T4** T4/T4.4, G8.5 Base **TM** T4 Mini, GU6.5 Base **BT** BT4, PGJ5 Base **MR16** MR16, GX10 Base	**20** **39** **50** **70** **100** **150** **250** **400**	**E** Electronic **M** Magnetic	**-blank-** 120/277V Dual Tap or Universal **120** 120V **277** 277V		**347** 347V **F** Slow Blow Fuse and Fuse Holder (Must select specific voltage in voltage selection) **CP** Chicago Plenum (Consult Factory) **SW** Lamp Sensing Switch (Electronic Ballast Only) **Q** Quartz Restrike **QS** Quartz Socket Only **FCAN** FCAN Ballast

HID Recessed Reflector

Source	Lamp Size	Lamp Orientation	# of Lamps	Cone / Reflector Style		Lamp / Wattage Type		Color	Finish		Lens Type		Options
M	8	0	0				–	C	L	–		–	
M Metal Halide ED/BT **MP** Metal Halide PAR **MD** Metal Halide PAR Deep Cone & Baffle **MT** Metal Halide "T" Lamp **P** PAR	**4** **6** **8** **9** **10** **12**	**0** Vertical **5** Horizontal	**0** One **2** Two	**S** Straight Cone **A** Angle Cut Cone **S** Open Reflector Spot Beam **N** Open Reflector Narrow Flood Beam **F** Open Reflector Flood Beam **W** Open Reflector Wide Beam **SLT** Slotted Aperture **PIN** Pinhole Aperture	**-blank-** Open Downlight **LC** Lower Cone **B** Baffle **WS** Single Kicker Wallwash **WD** Double Kicker Wallwash **WC** Corner Kicker Wallwash **WL** Spread Lens Wallwash	**-blank-** No Lamp Descriptor Necessary **P20** PAR20 **P38** PAR30L/38 **MR16** MR16 **150** 150W		**C** Clear **G** Gold **WT** Wheat **PT** Pewter **BZ** Bronze **B** Black **W** White	**L** Specular Low Iridescent **S** Satin Anodize Iridescent **-blank-** For Baffle & White		**-blank-** None **CG** Clear Glass Lens **FG** Fresnel Glass Lens **PG** Prismatic Glass Lens		**WH** Painted White Flange **Q** Added Hole for Quartz Restrike **WET** Wet Location Listing

Incandescent and Low Voltage Recessed Rough-In

Source	Aperture Size	Lamp Orientation/ Luminaire Characteristic		Lamp		Max Wattage	Options
A	8						
A Incandescent A Lamp **Q** T4 Quartz **P** Incandescent PAR Lamp **LV** Low Voltage	**4** **5** **6** **8** **9**	**-blank-** Vertical Downlight or Wallwash **H** Horizontal Lamp **W** For Double & Corner Wallwashers **A** Internally Adjustable	**PD** Pull Down Adjustable **SR** Semi-Recessed Adjustable **D** Deep Cone **AW** Angled Lamp Spread Lens Wallwash	**-blank-** A Lamp or Quartz **MR16** MR16 **P16** PAR16 **P20** PAR20	**P30S** PAR30S **P30L** PAR30L **P30/38** PAR30L/38 **P38** PAR38	**-blank-** Universal Wattage **150** 150W Max **250** 250W Max	**F** Slow Blow Fuse and Fuse Holder (120V standard, unless transformer is specified) **277** 277V Step Down Transformer **CP** Chicago Plenum

Incandescent and Low Voltage Recessed Reflector

Source	Aperture Size	Lamp Orientation	# of Lamps	Reflector Style		Lamp or Distribution Type	Reflector, Baffle or Splay Color	Reflector Finish	Downlight Lens	Options
A	8	0	0			A21	C	L		
A Incandescent A Lamp **P** PAR Lamp **PD** PAR Deep Cone/Baffle **Q** Incandescent T4 Quartz **LV** Low Voltage	**4** **5** **6** **8** **9** **10** **11** **12**	**0** Vertical **5** Horizontal	**0** One **2** Two	**-blank-** Downlight Multiplier or PAR Cone **LC** Lower Cone on 2-Part Optic **B** Baffle **WS** Single Kicker Wallwash **WD** Double Kicker Wallwash **WC** Corner Kicker Wallwash	**WL** Spread Lens Wallwash **A** Angle Cut Cone **AB** Angle Cut Baffle **SLT** Slotted Aperture **PIN** Pinhole Aperture **SC** Straight Cone **SB** Straight Baffle	**-blank-** No Lamp or Distribution Descriptor Necessary **A19** A-19 Lamp **A21** A-21 Lamp **A23** A-23 Lamp **P20** PAR20 **P30** PAR30 **P38** PAR38	**C** Clear **G** Gold **WT** Wheat **PT** Pewter **BZ** Bronze **B** Black **W** White	**-blank-** Painted **L** Specular Low Iridescent **S** Satin Anodize	**-blank-** None **CG** Clear Glass Lens **FG** Fresnel Glass Lens **PG** Prismatic Glass lens	**WH** Painted White Flange **MAX***** Labeled for Maximum Wattage (fill in wattage) **WET** Wet Location Listing

Cylinders

Cylinder Dia.	Lamp Orientation	# of Lamps	Mounting	Lamp Type	Wattage	Ballast Type	Cylinder Finish	Voltage	Lower Cone Color/Finish		Generation	Lens Type	Options
9				ED	100	E	W		C	L			
9 **10** **12** **9-LED** LED	**-blank-** Vertical **H** Horizontal	**-blank-** One **2** Two	**-blank-** Surface Mount **P** Pendant Mount **B** Wall Mount	**ED** ED/BT Protected **EDS** ED/BT Non-Protected **P38** PAR38 **18Q** 18W Quad **26Q** 26W Quad **32T** 32W Triple **42T** 42W Triple **85QL** 85QL Induction **165QL** 165QL Induction **LED** LED	**50** **70** **100** **150** **250** **-blank-** For CFL & QL **1130** 1100lm, 3000K **1140** 1100lm, 4000K	**E** Electronic **M** Magnetic **-blank-** For LED, QL & CFL	**W** White **B** Black	**-blank-** 120/277V Dual Tap or Universal **1** 120V **2** 277V	**C** Clear **G** Gold **WT** Wheat **PT** Pewter **BZ** Bronze **B** Black **W** White **X** Cross Blade Louver	**L** Specular Low Iridescent **S** Satin Anodize Iridescent **-blank-** For Baffle & White	**-blank-** if not LED **1** Gen 1 LED	**-blank-** None **CG** Clear Glass Lens **FG** Fresnel Glass Lens **PG** Prismatic Glass Lens	**3** 347V **F** Slow Blow Fuse and Fuse Holder (Select specific voltage in voltage selection) **Q** Quartz Restrike **D10** Dimming Ballast Advance Mark X **D7** Dimming Ballast Advance Mark VII **DL** Dimming Ballast Lutron Hi-Lume®

Multi-Spot® LED

Family	Lamp Type		Beam Spread for Lamp 1	Beam Spread for Lamp 2	Beam Spread for Lamp 3		Light Engine Lumens	Color Temperature		Finish	Generation		Options
MSS	16	–	S	N	S	–	06	40	–	BL	1	–	CP
MSS[1] LED Multi-Spot 1, 2, & 3-Lamp	**16** MR16		**S** Spot **N** Narrow **F** Flood	**S** Spot **N** Narrow **F** Flood **-blank-** For 1 Lamp	**S** Spot **N** Narrow **F** Flood **-blank-** For 1 & 2 Lamp		**06** 600 Lumens	**27** 2700K **30** 3000K **40** 4100K		**WH** White **BL** Black			***F** Fuse and Fuse Holder (Where *** = voltage) **CP**† Chicago Plenum Approval **347**† 347 Volt

Designer Cove™ LED

Family	Lamp Type		Beam Spread for Lamp 1	Beam Spread for Lamp 2	Beam Spread for Lamp 3		Light Engine Lumens	Color Temperature	Voltage		Finish	Generation		Options
DCS	30	–	S	N	S	–	10	40	2	–	BL	2	–	CP
DCS[1] LED Designer Cove 1, 2, & 3-Lamp	**30** PAR30		**S** Spot **N** Narrow **F** Flood	**S** Spot **N** Narrow **F** Flood **-blank-** For 1 Lamp	**S** Spot **N** Narrow **F** Flood **-blank-** For 1 & 2 Lamp		**10**[2] 1000 Lumens **20** 2000 Lumens	**27** 2700K **30** 3000K **35** 3500K **40** 4100K	**1** 120V **2** 277V **3** 347V		**WH** White **BL** Black			***F** Fuse and Fuse Holder (Where *** = voltage) **CP**† Chicago Plenum Approval

[1] See specification sheets for details on ordering rough-ins and heads separately

[2] ENERGY STAR® Qualified

† Consult factory for availability

Multi-Lamp ("T" Lamps)

Family	Lamp Type		Beam Spread for Lamp 1	Beam Spread for Lamp 2	Beam Spread for Lamp 3		Wattage	Source/ Ballast Type		Trim		Fixture Color		Options
DC	T6	–	S	N	F	–	70	H	–		–	BL	–	
MS Multi-Spot	**T6** T6/T4.5 G12 Base		**S** Spot	**S** Spot	**S** Spot		**20**	**H** Ceramic Metal Halide		**NT** Trimless		**WH** White		**347** 347V (Consult Factory)
DC Designer Cove	**T4** T4/T4.4 G8.5 Base		**N** Narrow Flood	**N** Narrow Flood	**N** Narrow Flood		**39**			**-blank-** Standard Trim		**BL** Black		***F** Fuse & Fuseholder (Where *** = Voltage)
	TM T4 Mini GU6.5 Base		**F** Flood	**F** Flood	**F** Flood		**70**							**CP** Chicago Plenum (Consult Factory)
	BT BT4 PGJ5 Base			**-blank-** For 1 Lamp	**-blank-** For 1 & 2 Lamp									**SR** Semi-Recessed

Multi-Lamp (PAR & MR16 Lamps)

Family	Lamp Type	# of Lamps	Lamp Configuration		Wattage	Source/ Ballast Type		Trim		Fixture Color		Options
MS	38	3		–	70	EMH	–		–	GP	–	347
MS Multi-Spot	**16** MR16 Mini Bi-Pin	**1** One	**01** Straight Line AVIO Only		**-blank-** Incandescent & Low Voltage	**-blank-** Incandescent & Low Voltage		**NT** Trimless		**WH** White		**277** 277V
DC Designer Cove	**16** MR16 GX10 Base	**2** Two	**04** Cluster (2x2) AVIO Only		**20**	**H** Metal Halide MR16		**-blank-** Standard Trim		**BL** Black		**347** 347V (Consult Factory)
XR AVIO Recessed	**20** PAR20	**3** Three			**39**					**GP** Graphite		**F** Slow Blow Fuse and Fuse Holder (Select specific voltage in voltage selection)
XS AVIO Surface	**30** PAR30	**4** Four AVIO Only			**70**	**EMH** Electronic Metal Halide				**SL** Silver		**CP** Chicago Plenum (Consult Factory)
	38 PAR38				**100**							**SR** Semi-Recessed
	11 AR111											

indy™

Designer Series LED | 4" LED Round Downlight
1100/1300/2000/2800 Lumen Light Engine

Description
Environmentally friendly and energy efficient. No harmful UV, IR, lead or mercury. Comparable light output to 26W, 32W, 42W and 2 x 26W CFL while consuming 18W, 21W, 31W and 46W respectively. Exceptional glare control with 40˚ cut-off.

Features
Cone Self-flanged, clear Alzak® (SASF) satin cone with low iridescent finish is standard. Other Alzak® finishes are available; see trim options.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer • 2800 lumen unit is voltage specific • Dimmable via 0-10V protocol – See specification sheet for qualified dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cone in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made • UL and cUL, RoHS compliant • ENERGY STAR® Qualified products available (see below)

Ordering Information Example: **SD4-2035-SASF3-PF**

Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SD4	20	35	*	SASF	3	PF

SD4

11-1100 Lumens (18 watts)
13-1300 Lumens (21 watts)
20-2000 Lumens (31 watts)
†28-2800 Lumens (46 watts)

27-2700K
30-3000K
35-3500K
40-4100K

1-120V
2-277V
3-347V

Alzak® Finish Options

	Satin	Semi-Specular	Specular
Clear	▲SASF	▲SAQF	▲SAF
Gold	CGSF		CGF
Black	BASF		BAF
Pewter	PASF		PAF
Wheat	WTSF		WTF
Bronze	BRSF		BRF

Painted Finish Options
White Cone WHF

3

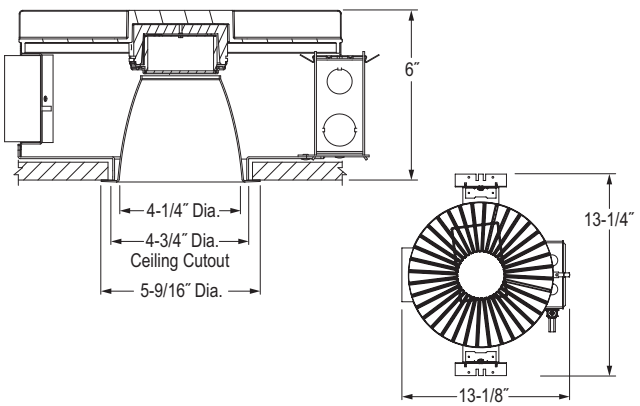
PF-Painted Flange Only (white)
F-Fuse and Fuse Holder
BP-120/277V Emergency Battery Pack with Remote Test Switch
347-347 Volt (1100/1300/2000Lm only)
R1-Reverse Phase Dimming (1100/1300/2000Lm, 120V only) STD. on 2800 Lumen/120V
D1-Dali Control Dimming (1100/1300Lm, 120V only)
PD-Lutron Dimming Driver (2800Lm only)
PD1-Lutron Dimming Driver (1100/1300/2000Lm, 120V only)
PD2-Lutron Dimming Driver (1100/1300/2000Lm, 277V only)
CP-Chicago Plenum Approval
825-28" "C" Channel Mounting Bars (pair)
WL-Wet Location (Clear glass lens standard)

†2800 Lumens is voltage specific, all others are universal voltage. (for 347V 1100/1300/2000Lm, add "-347" suffix)

*Blank for 1100/1300/2000 Lumen units

▲ENERGY STAR®

Dimensions



Accessories

To specify, order as additional item.
Example: **SCA4-20**

SCA4-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10,° 15°, 20°, 25°, 30°)

indy™

Designer Series LED | 6" LED Round Downlight
1100/1300/2000/2800 Lumen Light Engine

Description
Environmentally friendly and energy efficient. No harmful UV, IR, lead or mercury. Comparable light output to 26W, 32W , 42W and 2 x 26W CFL while consuming 18W, 21W, 31W and 46W respectively. Exceptional glare control with 40˚ cut-off.

Features
Cone Self-flanged, clear Alzak® (SASF) satin cone with low iridescent finish is standard. Other Alzak® finishes are available; see trim options.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer • 2800 lumen unit is voltage specific • Dimmable via 0-10V protocol – See specification sheet for approved dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cone in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made • UL and cUL, RoHS compliant • ENERGY STAR® Qualified products available (see below)

Ordering Information Example: **SD6-2035-SASF3-PF**

Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SD6	20	35	*	SASF	3	PF

SD6

Light Engine Lumens
- **11**-1100 Lumens (18 watts)
- **13**-1300 Lumens (21 watts)
- **20**-2000 Lumens (31 watts)
- †**28**-2800 Lumens (46 watts)

Color Temperature
- **27**-2700K
- **30**-3000K
- **35**-3500K
- **40**-4100K

Voltage
- **1**-120V
- **2**-277V
- **3**-347V

†2800 Lumens is voltage specific, all others are universal voltage. (for 347V 1100/1300/2000Lm, add "-347" suffix)

*Blank for 1100/1300/2000 Lumen units

▲ENERGY STAR®

Alzak® Finish Options

	Satin Specular	Semi-Specular	Specular
Clear	▲**SASF**	▲**SAQF**	▲**SAF**
Gold	**CGSF**		**CGF**
Black	**BASF**		**BAF**
Pewter	**PASF**		**PAF**
Wheat	**WTSF**		**WTF**
Bronze	**BRSF**		**BRF**

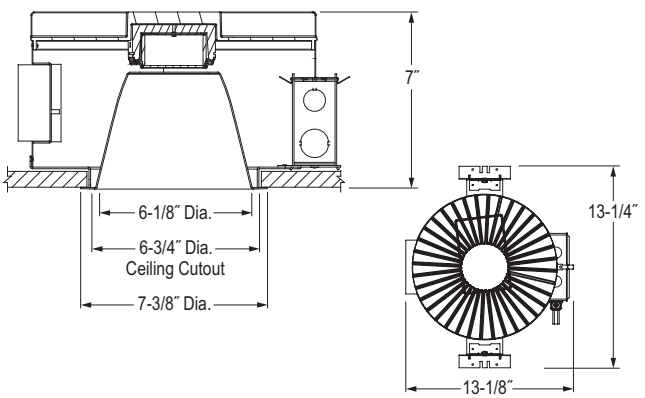
Painted Finish Options

White Cone **WHF**

Generation
- **3**

Options
- **PF**-Painted Flange Only (white)
- **F**-Fuse and Fuse Holder
- **BP**-120/277V Emergency Battery Pack with Remote Test Switch
- **347**-347 Volt (1100/1300/2000Lm only)
- **R1**-Reverse Phase Dimming (1100/1300/2000Lm, 120V only) STD. on 2800 Lumen/120V
- **D1**-Dali Control Dimming (1100/1300Lm, 120V only)
- **PD**-Lutron Dimming Driver (2800Lm only)
- **PD1**-Lutron Dimming Driver (1100/1300/2000Lm, 120V only)
- **PD2**-Lutron Dimming Driver (1100/1300/2000Lm, 277V only)
- **CP**-Chicago Plenum Approval
- **825**-28" "C" Channel Mounting Bars (pair)
- **WL**-Wet Location (Clear glass lens standard)

Dimensions



Accessories

To specify, order as additional item.
Example: **SCA6-20**

SCA6-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10,° 15°, 20°, 25°, 30°)

Designer Series LED | 8" LED Round Downlight
1100/1300/2000/2800 Lumen Light Engine

Description
Environmentally friendly and energy efficient. No harmful UV, IR, lead or mercury. Comparable light output to 26W, 32W, 42W and 2 x 26W CFL while consuming 18W, 21W, 31W and 46W respectively. Exceptional glare control with 40° cut-off.

Features
Cone Self-flanged, clear Alzak® (SASF) satin cone with low iridescent finish is standard. Other Alzak® finishes are available; see trim options.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer • 2800 lumen unit is voltage specific • Dimmable via 0-10V protocol – See specification sheet for approved dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cone in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made • UL and cUL, RoHS compliant • ENERGY STAR® Qualified products available (see below)

Ordering Information Example: **SD8-2035-SASF3-PF**

Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SD8	20	35	*	SASF	3	PF

SD8

11-1100 Lumens (18 watts)
13-1300 Lumens (21 watts)
20-2000 Lumens (31 watts)
†28-2800 Lumens (46 watts)

27-2700K
30-3000K
35-3500K
40-4100K

1-120V
2-277V
3-347V

Alzak® Finish Options

	Satin	Semi-Specular	Specular
Clear	▲SASF	▲SAQF	▲SAF
Gold	CGSF		CGF
Black	BASF		BAF
Pewter	PASF		PAF
Wheat	WTSF		WTF
Bronze	BRSF		BRF

Painted Finish Options
White Cone WHF

3

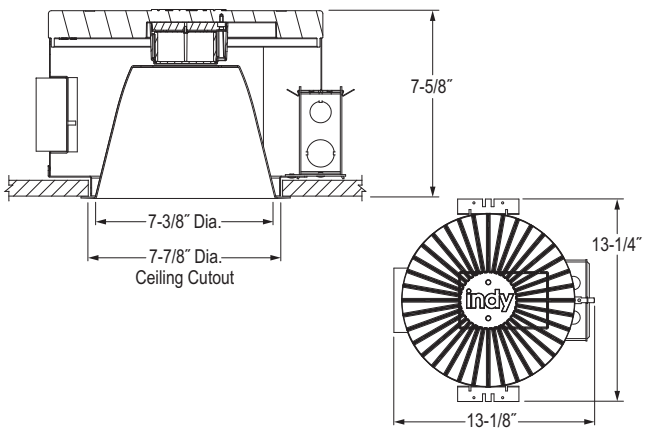
PF-Painted Flange Only (white)
F-Fuse and Fuse Holder
BP-120/277V Emergency Battery Pack with Remote Test Switch
347-347 Volt (1100/1300/2000Lm only)
R1-Reverse Phase Dimming (1100/1300/2000Lm, 120V only) STD. on 2800 Lumen/120V
D1-Dali Control Dimming (1100/1300Lm, 120V only)
PD-Lutron Dimming Driver (2800Lm only)
PD1-Lutron Dimming Driver (1100/1300/2000Lm, 120V only)
PD2-Lutron Dimming Driver (1100/1300/2000Lm, 277V only)
CP-Chicago Plenum Approval
825-28" "C" Channel Mounting Bars (pair)
WL-Wet Location (Clear glass lens standard)

†2800 Lumens is voltage specific, all others are universal voltage. (for 347V 1100/1300/2000Lm, add "-347" suffix)

*Blank for 1100/1300/2000 Lumen units

▲ENERGY STAR®

Dimensions



Accessories

To specify, order as additional item.
Example: **SCA8-20**

SCA8-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10,° 15°, 20°, 25°, 30°)

Designer Series LED | 4" LED High-Performance Architectural Wall Wash 1100/1300/2000/2800 Lumen Light Engine

Description

Unique precision reflector system designed to maximize uniformity on the wall horizontally and from floor to ceiling, eliminating scallops and projecting light to within 1 inch of the ceiling line for typical architectural wall wash applications. Environmentally friendly and energy efficient. No harmful ultraviolet or infrared wavelengths. No lead or mercury. Comparable light output to 26W, 32W, 42W and 2 x 26W CFL while consuming 18W, 21W, 31W and 46W respectively.

Features

Cone Clear specular faceted scoop reflector distributes light with high precision on computer optimized outer kicker reflector to optimize uniformity on the wall horizontally and from floor to ceiling. Deep regression of source produces a very low glare system on room side with 40˚ cut-off to lamp and lamp image. Self-flanged, clear satin Alzak® (SASF) cone with low iridescent finish is standard. Other Alzak® finishes are available; see trim options.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer • 2800 lumen unit is voltage specific • Dimmable via 0-10V protocol – See specification sheet for qualified dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cones in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information Example: SAW4-2035-SASF3-PF

Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SAW4	20	35	*	SASF	3	PF

SAW4

11-1100 Lumens (18 watts)
13-1300 Lumens (21 watts)
20-2000 Lumens (31 watts)
†**28**-2800 Lumens (46 watts)

†2800 Lumens is voltage specific, all others are universal voltage

*Blank for 1100/1300/2000 Lumen units

27-2700K
30-3000K
35-3500K
40-4100K

1-120V
2-277V
3-347V

Alzak® Finish Options

	Satin	Semi-Specular	Specular
Clear	SASF	SAQF	SAF
Gold	CGSF		CGF
Black	BASF		BAF
Pewter	PASF		PAF
Wheat	WTSF		WTF
Bronze	BRSF		BRF

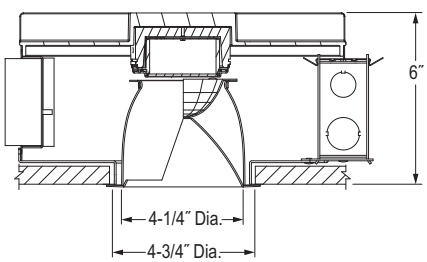
Painted Finish Options

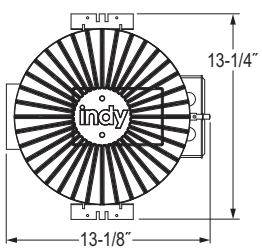
White Cone **WHF**

3

PF-Painted Flange Only (white)
F-Fuse and Fuse Holder
BP-120/277V Emergency Battery Pack with Remote Test Switch
347-347 Volt (1100/1300/2000 Lm units only)
R1-Reverse Phase Dimming (1100/1300/2000Lm, 120V only) STD. on 2800 Lumen/120V
D1-Dali Control Dimming (1100/1300Lm, 120V only)
PD-Lutron Dimming Driver (2800Lm only)
PD1-Lutron Dimming Driver (1100/1300/2000Lm, 120V only)
PD2-Lutron Dimming Driver (1100/1300/2000Lm, 277V only)
CP-Chicago Plenum Approval
825-28" "C" Channel Mounting Bars (pair)

Dimensions





Designer Series LED | 6" LED High-Performance Architectural Wall Wash 1100/1300/2000/2800 Lumen Light Engine

Description

Unique precision reflector system designed to maximize uniformity on the wall horizontally and from floor to ceiling, eliminating scallops and projecting light to within 1 inch of the ceiling line for typical architectural wall wash applications. Environmentally friendly and energy efficient. No harmful ultraviolet or infrared wavelengths. No lead or mercury. Comparable light output to 26W, 32W, 42W and 2 x 26W CFL while consuming 18W, 21W, 31W and 46W respectively.

Features

Cone Clear specular faceted scoop reflector distributes light with high precision on computer optimized outer kicker reflector to optimize uniformity on the wall horizontally and from floor to ceiling. Deep regression of source produces a very low glare system on room side with 40˚ cut-off to lamp and lamp image. Self-flanged, clear satin Alzak® (SASF) cone with low iridescent finish is standard. Other Alzak® finishes are available; see trim options.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer • 2800 lumen unit is voltage specific • Dimmable via 0-10V protocol – See specification sheet for qualified dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cones in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information Example: **SAW6-2035-SASF3-PF**

Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SAW6	20	35	*	SASF	3	PF

SAW6

11-1100 Lumens (18 watts)
13-1300 Lumens (21 watts)
20-2000 Lumens (31 watts)
†28-2800 Lumens (46 watts)

†2800 Lumens is voltage specific, all others are universal voltage

*Blank for 1100/1300/2000 Lumen units

27-2700K
30-3000K
35-3500K
40-4100K

1-120V
2-277V
3-347V

Alzak® Finish Options

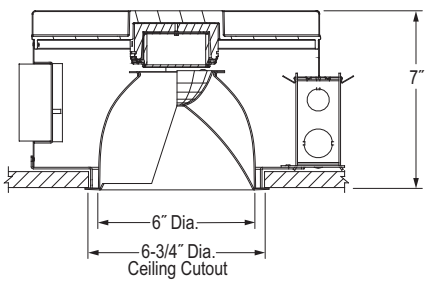
	Satin	Semi-Specular	Specular
Clear	**SASF**	**SAQF**	**SAF**
Gold	**CGSF**		**CGF**
Black	**BASF**		**BAF**
Pewter	**PASF**		**PAF**
Wheat	**WTSF**		**WTF**
Bronze	**BRSF**		**BRF**

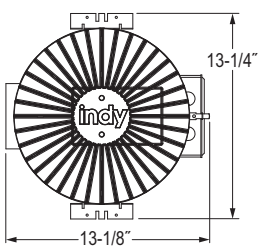
Painted Finish Options
White Cone **WHF**

3

PF-Painted Flange Only (white)
F-Fuse and Fuse Holder
BP-120/277V Emergency Battery Pack with Remote Test Switch
347-347 Volt (1100/1300/2000 Lm units only)
R1-Reverse Phase Dimming (1100/1300/2000Lm, 120V only)
STD. on 2800 Lumen/120V
D1-Dali Control Dimming (1100/1300Lm, 120V only)
PD-Lutron Dimming Driver (2800Lm only)
PD1-Lutron Dimming Driver (1100/1300/2000Lm, 120V only)
PD2-Lutron Dimming Driver (1100/1300/2000Lm, 277V only)
CP-Chicago Plenum Approval
825-28" "C" Channel Mounting Bars (pair)

Dimensions





Designer Series LED | 8" LED High-Performance Architectural Wall Wash 1100/1300/2000/2800 Lumen Light Engine

Description

Unique precision reflector system designed to maximize uniformity on the wall horizontally and from floor to ceiling, eliminating scallops and projecting light to within 1 inch of the ceiling line for typical architectural wall wash applications. Environmentally friendly and energy efficient. No harmful ultraviolet or infrared wavelengths. No lead or mercury. Comparable light output to 26W, 32W, 42W and 2 x 26W CFL while consuming 18W, 21W, 31W and 46W respectively.

Features

Cone Clear specular faceted scoop reflector distributes light with high precision on computer optimized outer kicker reflector to optimize uniformity on the wall horizontally and from floor to ceiling. Deep regression of source produces a very low glare system on room side with 40˚ cut-off to lamp and lamp image. Self-flanged, clear satin Alzak® (SASF) cone with low iridescent finish is standard. Other Alzak® finishes are available; see trim options.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer • 2800 lumen unit is voltage specific • Dimmable via 0-10V protocol – See specification sheet for qualified dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cones in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information Example: **SAW8-2035-SASF3-PF**

Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SAW8	20	35	*	SASF	3	PF

SAW8

11-1100 Lumens (18 watts)
13-1300 Lumens (21 watts)
20-2000 Lumens (31 watts)
†**28**-2800 Lumens (46 watts)

27-2700K
30-3000K
35-3500K
40-4100K

1-120V
2-277V
3-347V

†2800 Lumens is voltage specific, all others are universal voltage

*Blank for 1100/1300/2000 Lumen units

Alzak® Finish Options

	Satin	Semi-Specular	Specular
Clear	**SASF**	**SAQF**	**SAF**
Gold	**CGSF**		**CGF**
Black	**BASF**		**BAF**
Pewter	**PASF**		**PAF**
Wheat	**WTSF**		**WTF**
Bronze	**BRSF**		**BRF**

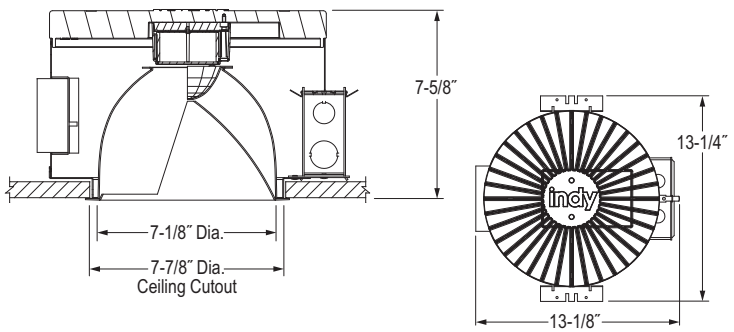
Painted Finish Options

White Cone **WHF**

3

PF-Painted Flange Only (white)
F-Fuse and Fuse Holder
BP-120/277V Emergency Battery Pack with Remote Test Switch
347-347 Volt (1100/1300/2000 Lm units only)
R1-Reverse Phase Dimming (1100/1300/2000Lm, 120V only) STD. on 2800 Lumen/120V
D1-Dali Control Dimming (1100/1300Lm, 120V only)
PD-Lutron Dimming Driver (2800Lm only)
PD1-Lutron Dimming Driver (1100/1300/2000Lm, 120V only)
PD2-Lutron Dimming Driver (1100/1300/2000Lm, 277V only)
CP-Chicago Plenum Approval
825-28" "C" Channel Mounting Bars (pair)

Dimensions



indy™

Designer Series LED | 4" LED Square Downlight
1100/1300/2000/2800 Lumen Light Engine

Description
Environmentally friendly and energy efficient. No harmful ultraviolet or infrared wavelengths. No lead or mercury. Comparable light output to 26W, 32W, 42W and 2 x 26W CFL while consuming 18W, 21W, 31W and 46W respectively.

Features
Trim Self-flanged, clear Alzak® (SASF) satin trim with low iridescent finish is standard. Other Alzak® finishes are available; see trim options.

Lamp Guard Wet location option comes with clear glass lens.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer • 2800 lumen unit is voltage specific • Dimmable via 0-10V protocol – See specification sheet for qualified dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds trim in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information Example: **SDSQ4-2035-SASF3-PF**

Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SDSQ4	20	35	*	SASF	3	PF

SDSQ4

11-1100 Lumens (18 watts)
13-1300 Lumens (21 watts)
20-2000 Lumens (31 watts)
†28-2800 Lumens (46 watts)

†2800 Lumens is voltage specific, all others are universal voltage

*Blank for 1100/1300/2000 Lumen units

27-2700K
30-3000K
35-3500K
40-4100K

1-120V
2-277V
3-347V

Alzak® Finish Options

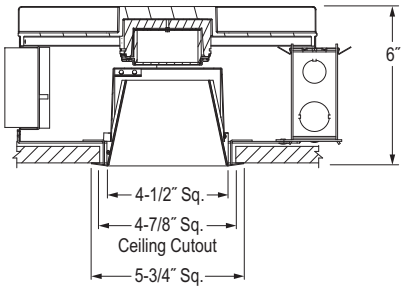
	Satin	Semi-Specular	Specular
Clear	**SASF**	**SAQF**	**SAF**
Gold	**CGSF**		**CGF**
Black	**BASF**		**BAF**
Pewter	**PASF**		**PAF**
Wheat	**WTSF**		**WTF**
Bronze	**BRSF**		**BRF**

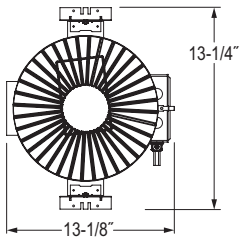
Painted Finish Options
White Cone **WHF**

3

PF-Painted Flange Only (white)
F-Fuse and Fuse Holder
BP-120/277V Emergency Battery Pack with Remote Test Switch
347-347 Volt (1100/1300/2000Lm only)
R1-Reverse Phase Dimming (1100/1300/2000Lm, 120V only) STD. on 2800 Lumen/120V
D1-Dali Control Dimming (1100/1300Lm, 120V only)
PD-Lutron Dimming Driver (2800Lm only)
PD1-Lutron Dimming Driver (1100/1300/2000Lm, 120V only)
PD2-Lutron Dimming Driver (1100/1300/2000Lm, 277V only)
CP-Chicago Plenum Approval
825-28" "C" Channel Mounting Bars (pair)
WL-Wet Location (Clear glass lens standard)

Dimensions





Designer Series LED | 6" LED Square Downlight
1100/1300/2000/2800 Lumen Light Downlight

Description
Environmentally friendly and energy efficient. No harmful ultraviolet or infrared wavelengths. No lead or mercury. Comparable light output to 26W, 32W, 42W and 2 x 26W CFL while consuming 18W, 21W, 31W and 46W respectively.

Features
Trim Self-flanged, clear Alzak® (SASF) satin trim with low iridescent finish is standard. Other Alzak® finishes are available; see trim options.

Lamp Guard Wet location option comes with clear glass lens.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer • 2800 lumen unit is voltage specific • Dimmable via 0-10V protocol – See specification sheet for qualified dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds trim in ceiling

Labels and Listings UL listed for feed through and damp locations, Wet Location optional • I.B.E.W. Union made • UL and cUL, RoHS compliant • ENERGY STAR® Qualified products available (see below)

Ordering Information Example: **SDSQ6-2035-SASF3-PF**

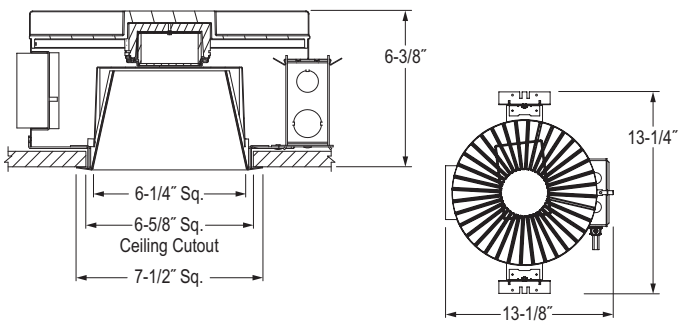
Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SDSQ6	20	35	*	SASF	3	PF
SDSQ6	**11**-1100 Lumens (18 watts) **13**-1300 Lumens (21 watts) **20**-2000 Lumens (31 watts) **†28**-2800 Lumens (46 watts)	**27**-2700K **30**-3000K **35**-3500K **40**-4100K	**1**-120V **2**-277V **3**-347V	**Alzak® Finish Options** Clear ▲**SASF** ▲**SAQF** ▲**SAF** Gold **CGSF** **CGF** Black **BASF** **BAF** Pewter **PASF** **PAF** Wheat **WTSF** **WTF** Bronze **BRSF** **BRF** **Painted Finish Options** White Cone **WHF**	**3**	**PF**-Painted Flange Only (white) **F**-Fuse and Fuse Holder **BP**-120/277V Emergency Battery Pack with Remote Test Switch **347**-347 Volt (1100/1300/2000Lm only) **R1**-Reverse Phase Dimming (1100/1300/2000Lm, 120V only) STD. on 2800 Lumen/120V **D1**-Dali Control Dimming (1100/1300Lm, 120V only) **PD**-Lutron Dimming Driver (2800Lm only) **PD1**-Lutron Dimming Driver (1100/1300/2000Lm, 120V only) **PD2**-Lutron Dimming Driver (1100/1300/2000Lm, 277V only) **CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) **WL**-Wet Location (Clear glass lens standard)

†2800 Lumens is voltage specific, all others are universal voltage. (for 347V 1100/1300/2000Lm, add "-347" suffix)

*Blank for 1100/1300/2000 Lumen units

▲ENERGY STAR®

Dimensions



Designer Series LED | 4" LED High-Performance Architectural Wall Wash 1100/1300/2000/2800 Lumen Light Engine

Description

Unique precision reflector system designed to maximize uniformity on the wall horizontally and from floor to ceiling, eliminating scallops and projecting light to within 1 inch of the ceiling line for typical architectural wall wash applications. Environmentally friendly and energy efficient. No harmful ultraviolet or infrared wavelengths. No lead or mercury. Comparable light output to 26W, 32W, 42W and 2 x 26W CFL while consuming 18W, 21W, 31W and 46W respectively.

Features

Cone Clear specular faceted scoop reflector distributes light with high precision on computer optimized outer kicker reflector to optimize uniformity on the wall horizontally and from floor to ceiling. Deep regression of source produces a very low glare system on room side with 40˚ cut-off to lamp and lamp image. Self-flanged, clear satin Alzak® (SASF) cone with low iridescent finish is standard. Other Alzak® finishes are available; see trim options.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer • 2800 lumen unit is voltage specific • Dimmable via 0-10V protocol – See specification sheet for qualified dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds trim in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information Example: **SAWSQ4-2035-SASF3-PF**

Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SAWSQ4	20	35	*	SASF	3	PF

SAWSQ4

11-1100 Lumens (18 watts)
13-1300 Lumens (21 watts)
20-2000 Lumens (31 watts)
†**28**-2800 Lumens (46 watts)

†2800 Lumens is voltage specific, all others are universal voltage

*Blank for 1100/1300/2000 Lumen units

27-2700K
30-3000K
35-3500K
40-4100K

1-120V
2-277V
3-347V

Alzak® Finish Options

	Satin	Semi-Specular	Specular
Clear	SASF	SAQF	SAF
Gold	CGSF		CGF
Black	BASF		BAF
Pewter	PASF		PAF
Wheat	WTSF		WTF
Bronze	BRSF		BRF

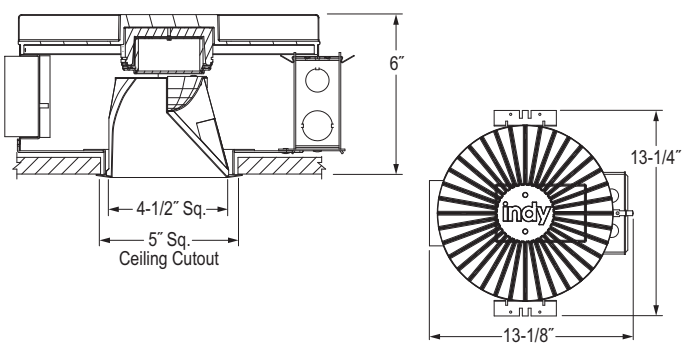
Painted Finish Options

White Cone **WHF**

3

PF-Painted Flange Only (white)
F-Fuse and Fuse Holder
BP-120/277V Emergency Battery Pack with Remote Test Switch
347-347 Volt (1100/1300/2000Lm only)
R1-Reverse Phase Dimming (1100/1300/2000Lm, 120V only) STD. on 2800 Lumen/120V
D1-Dali Control Dimming (1100/1300Lm, 120V only)
PD-Lutron Dimming Driver (2800Lm only)
PD1-Lutron Dimming Driver (1100/1300/2000Lm, 120V only)
PD2-Lutron Dimming Driver (1100/1300/2000Lm, 277V only)
CP-Chicago Plenum Approval
825-28" "C" Channel Mounting Bars (pair)

Dimensions



Designer Series LED | 6" LED High-Performance Architectural Wall Wash 1100/1300/2000/2800 Lumen Light Engine

Description

Unique precision reflector system designed to maximize uniformity on the wall horizontally and from floor to ceiling, eliminating scallops and projecting light to within 1 inch of the ceiling line for typical architectural wall wash applications. Environmentally friendly and energy efficient. No harmful ultraviolet or infrared wavelengths. No lead or mercury. Comparable light output to 26W, 32W, 42W and 2 x 26W CFL while consuming 18W, 21W, 31W and 46W respectively.

Features

Cone Clear specular faceted scoop reflector distributes light with high precision on computer optimized outer kicker reflector to optimize uniformity on the wall horizontally and from floor to ceiling. Deep regression of source produces a very low glare system on room side with 40˚ cut-off to lamp and lamp image. Self-flanged, clear satin Alzak® (SASF) cone with low iridescent finish is standard. Other Alzak® finishes are available; see trim options.

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer • 2800 lumen unit is voltage specific • Dimmable via 0-10V protocol – See specification sheet for qualified dimmers • Available with emergency battery back-up

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds trim in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information Example: **SAWSQ6-2035-SASF3-PF**

Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SAWSQ6	20	35	*	SASF	3	PF

SAWSQ6

Light Engine Lumens
- **11**-1100 Lumens (18 watts)
- **13**-1300 Lumens (21 watts)
- **20**-2000 Lumens (31 watts)
- †**28**-2800 Lumens (46 watts)

†2800 Lumens is voltage specific, all others are universal voltage

Color Temperature
- **27**-2700K
- **30**-3000K
- **35**-3500K
- **40**-4100K

Voltage
- **1**-120V
- **2**-277V
- **3**-347V

*Blank for 1100/1300/2000 Lumen units

Trim Options

Alzak® Finish Options

	Satin	Semi-Specular	Specular
Clear	**SASF**	**SAQF**	**SAF**
Gold	**CGSF**		**CGF**
Black	**BASF**		**BAF**
Pewter	**PASF**		**PAF**
Wheat	**WTSF**		**WTF**
Bronze	**BRSF**		**BRF**

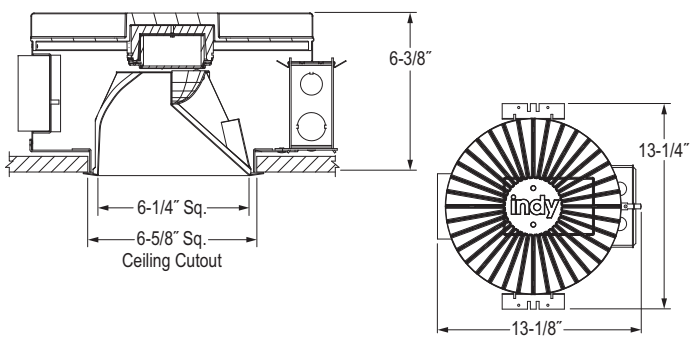
Painted Finish Options

White Cone **WHF**

Generation
- **3**

Options
- **PF**-Painted Flange Only (white)
- **F**-Fuse and Fuse Holder
- **BP**-120/277V Emergency Battery Pack with Remote Test Switch
- **347**-347 Volt (1100/1300/2000Lm only)
- **R1**-Reverse Phase Dimming (1100/1300/2000Lm, 120V only) STD. on 2800 Lumen/120V
- **D1**-Dali Control Dimming (1100/1300Lm, 120V only)
- **PD**-Lutron Dimming Driver (2800Lm only)
- **PD1**-Lutron Dimming Driver (1100/1300/2000Lm, 120V only)
- **PD2**-Lutron Dimming Driver (1100/1300/2000Lm, 277V only)
- **CP**-Chicago Plenum Approval
- **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



Designer Series LED | 4" Enhanced Spectrum LED
Round Downlight 1800 Lumen Light Engine

Description
Enhanced spectrum LED downlights are ideal for bringing out the vibrant colors of fresh food products and brightly colored apparel. Environmentally friendly; no harmful ultraviolet, infrared wavelengths, lead or mercury resulting in food staying fresh longer and will not fade materials.

Features
Cone Self-flanged, clear Alzak® (SASF) cone • Alzak® cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options.

Lamp Guard Clear glass lens.

Electrical LED Light Engine: Innovative light engine mixes the light of blue and red LEDs while applying a specially formulated phosphor on a remote lens to generate a high red, green and blue saturation index, resulting in high-quality LED light with enhanced red, green and blue wavelengths relative to typical LED, fluorescent and HID sources • 3000K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

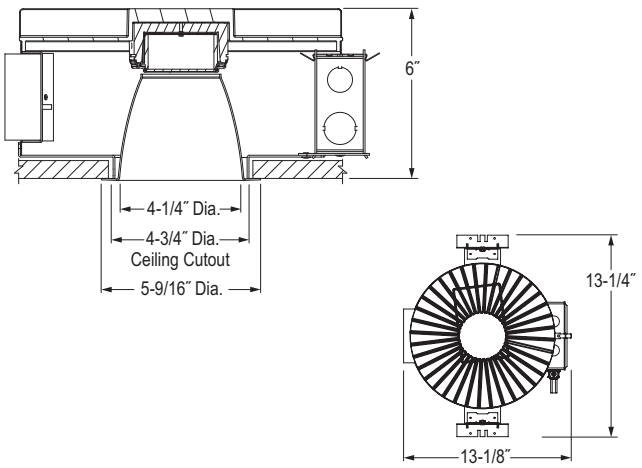
Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cone in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information Example: **SD4ES-18401-SASF1-PF**

Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SD4ES	18	40	1	SASF	1	PF
SD4ES	**18**-1800 Lumens	**30**-3000K **40**-4100K	**1**-120V **2**-277V **3**-347V	**Alzak® Finish Options** Clear: **SASF** (Satin), **SAQF** (Semi-Specular), **SAF** (Specular) Champagne Gold: **CGSF**, **CGQF**, **CGF** Black: **BASF**, **BAQF**, **BAF** Pewter: **PASF**, **PAQF**, **PAF** Wheat: **WTSF**, **WTQF**, **WTF** Bronze: **BRSF**, **BRQF**, **BRF** **Painted Finish Options** White Cone: **WHF**	1	**PF**-Painted Flange Only (white) **F**-Fuse and Fuse Holder **CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



Accessories

To specify, order as additional item.
Example: **SCA4-20**

SCA4-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10,° 15°, 20°, 25°, 30°)

Designer Series LED | 6" Enhanced Spectrum LED
Round Downlight 1800 Lumen Light Engine

Description
Enhanced spectrum LED downlights are ideal for bringing out the vibrant colors of fresh food products and brightly colored apparel. Environmentally friendly; no harmful ultraviolet, infrared wavelengths, lead or mercury resulting in food staying fresh longer and will not fade materials.

Features
Cone Self-flanged, clear Alzak® (SASF) cone • Alzak® cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options.

Lamp Guard Clear glass lens.

Electrical LED Light Engine: Innovative light engine mixes the light of blue and red LEDs while applying a specially formulated phosphor on a remote lens to generate a high red, green and blue saturation index, resulting in high-quality LED light with enhanced red, green and blue wavelengths relative to typical LED, fluorescent and HID sources• 3000K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cone in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information Example: **SD6ES-18401-SASF1-PF**

Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SD6ES	18	40	1	SASF	1	PF
SD6ES	**18**-1800 Lumens	**30**-3000K **40**-4100K	**1**-120V **2**-277V **3**-347V		1	**PF**-Painted Flange Only (white) **F**-Fuse and Fuse Holder **CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

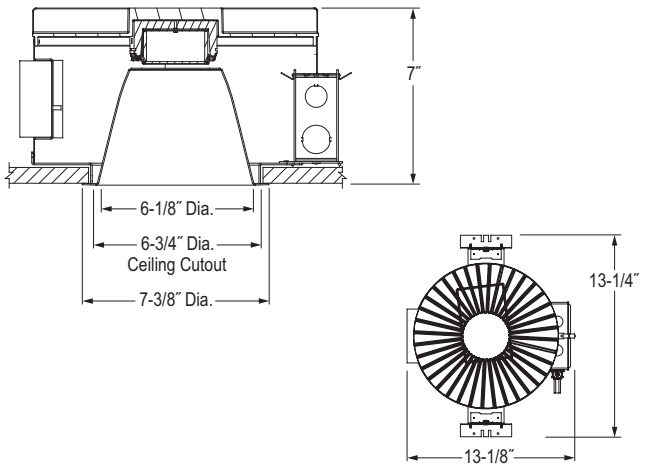
Alzak® Finish Options

	Satin	Semi-Specular	Specular
Clear	**SASF**	**SAQF**	**SAF**
Champagne Gold	**CGSF**	**CGQF**	**CGF**
Black	**BASF**	**BAQF**	**BAF**
Pewter	**PASF**	**PAQF**	**PAF**
Wheat	**WTSF**	**WTQF**	**WTF**
Bronze	**BRSF**	**BRQF**	**BRF**

Painted Finish Options

White Cone	**WHF**

Dimensions



Accessories
To specify, order as additional item.
Example: **SCA6-20**

SCA6-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10,° 15°, 20°, 25°, 30°)

Designer Series LED | 8" Enhanced Spectrum LED
Round Downlight 1800 Lumen Light Engine

Description
Enhanced spectrum LED downlights are ideal for bringing out the vibrant colors of fresh food products and brightly colored apparel. Environmentally friendly; no harmful ultraviolet, infrared wavelengths, lead or mercury resulting in food staying fresh longer and will not fade materials.

Features
Cone Self-flanged, clear Alzak® (SASF) cone • Alzak® cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options

Lamp Guard Wet location option comes with clear glass lens.

Electrical LED Light Engine: Innovative light engine mixes the light of blue and red LEDs while applying a specially formulated phosphor on a remote lens to generate a high red, green and blue saturation index, resulting in high-quality LED light with enhanced red, green and blue wavelengths relative to typical LED, fluorescent and HID sources • 3000K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

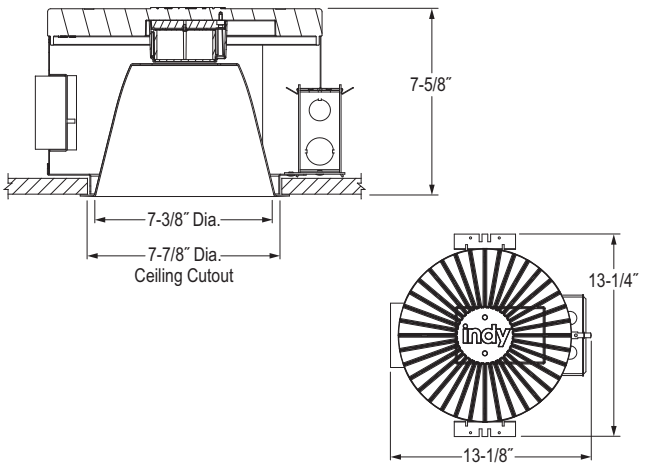
Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cone in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information Example: **SD8ES-18401-SASF1-PF**

Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SD8ES	18	40	1	SASF	1	PF
SD8ES	**18**-1800 Lumens	**30**-3000K **40**-4100K	**1**-120V **2**-277V **3**-347V	**Alzak® Finish Options** Satin / Semi-Specular / Specular Clear: **SASF** / **SAQF** / **SAF** Champagne Gold: **CGSF** / **CGQF** / **CGF** Black: **BASF** / **BAQF** / **BAF** Pewter: **PASF** / **PAQF** / **PAF** Wheat: **WTSF** / **WTQF** / **WTF** Bronze: **BRSF** / **BRQF** / **BRF** **Painted Finish Options** White Cone: **WHF**	**1**	**PF**-Painted Flange Only (white) **F**-Fuse and Fuse Holder **CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



Accessories
To specify, order as additional item.
Example: **SCA8-20**

SCA8-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10,° 15°, 20°, 25°, 30°)

indy™

Designer Series LED | 4" Enhanced Spectrum LED
Round Wall Wash 1800 Lumen Light Engine

Description
Enhanced spectrum LED downlights are ideal for bringing out the vibrant colors of fresh food products and brightly colored apparel. Environmentally friendly; no harmful ultraviolet, infrared wavelengths, lead or mercury resulting in food staying fresh longer and will not fade materials.

Features
Cone & Kicker Reflector Self-flanged, clear Alzak® (SASF) cone • Alzak® cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options.

Lamp Guard Prismatic glass lens

Electrical LED Light Engine: Innovative light engine mixes the light of blue and red LEDs while applying a specially formulated phosphor on a remote lens to generate a high red, green and blue saturation index, resulting in high-quality LED light with enhanced red, green and blue wavelengths relative to typical LED, fluorescent and HID sources • 3000K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cones in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information Example: **SW4ES-18401-SASF1-PF**

Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SW4ES	18	40	1	SASF	1	PF

SW4ES

18-1800 Lumens

30-3000K
40-4100K

1-120V
2-277V
3-347V

Alzak® Finish Options

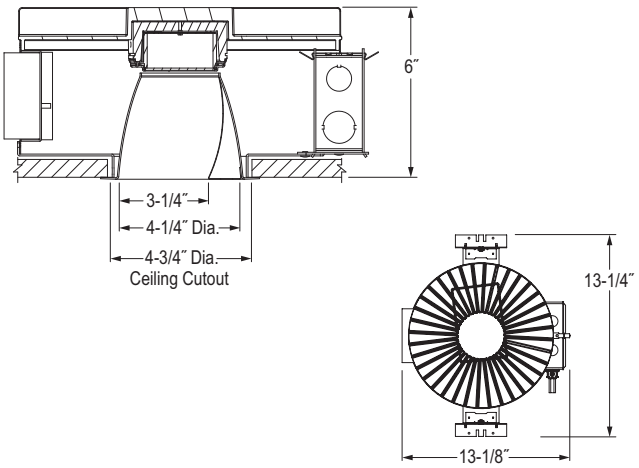
	Satin	Semi-Specular	Specular
Clear	**SASF**	**SAQF**	**SAF**
Champagne Gold	**CGSF**	**CGQF**	**CGF**
Black	**BASF**	**BAQF**	**BAF**
Pewter	**PASF**	**PAQF**	**PAF**
Wheat	**WTSF**	**WTQF**	**WTF**
Bronze	**BRSF**	**BRQF**	**BRF**

Painted Finish Options
White Cone **WHF**

1

PF-Painted Flange Only (white)
F-Fuse and Fuse Holder
CP-Chicago Plenum Approval
825-28" "C" Channel Mounting Bars (pair)

Dimensions



indy™

Designer Series LED | 6" Enhanced Spectrum LED
Round Wall Wash 1800 Lumen Light Engine

Description
Enhanced spectrum LED downlights are ideal for bringing out the vibrant colors of fresh food products and brightly colored apparel. Environmentally friendly; no harmful ultraviolet, infrared wavelengths, lead or mercury resulting in food staying fresh longer and will not fade materials.

Features
Cone & Kicker Reflector Self-flanged, clear Alzak® (SASF) cone • Alzak® cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options

Lamp Guard Prismatic glass lens

Electrical LED Light Engine: Innovative light engine mixes the light of blue and red LEDs while applying a specially formulated phosphor on a remote lens to generate a high red, green and blue saturation index, resulting in high-quality LED light with enhanced red, green and blue wavelengths relative to typical LED, fluorescent and HID sources • 3000K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cones in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information Example: **SW6ES-1840-1-SASF1-PF**

Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SW6ES	18	40	1	SASF	1	PF

SW6ES

18-1800 Lumens

30-3000K
40-4100K

1-120V
2-277V
3-347V

Alzak® Finish Options

	Satin	Semi-Specular	Specular
Clear	**SASF**	**SAQF**	**SAF**
Champagne Gold	**CGSF**	**CGQF**	**CGF**
Black	**BASF**	**BAQF**	**BAF**
Pewter	**PASF**	**PAQF**	**PAF**
Wheat	**WTSF**	**WTQF**	**WTF**
Bronze	**BRSF**	**BRQF**	**BRF**

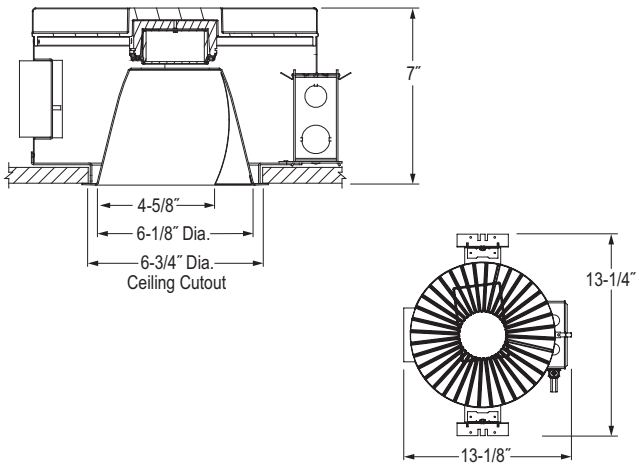
Painted Finish Options

White Cone **WHF**

1

PF-Painted Flange Only (white)
F-Fuse and Fuse Holder
CP-Chicago Plenum Approval
825-28" "C" Channel Mounting Bars (pair)

Dimensions



Designer Series LED | 8" Enhanced Spectrum LED
Round Wall Wash 1800 Lumen Light Engine

Description
Enhanced spectrum LED downlights are ideal for bringing out the vibrant colors of fresh food products and brightly colored apparel. Environmentally friendly; no harmful ultraviolet, infrared wavelengths, lead or mercury resulting in food staying fresh longer and will not fade materials.

Features
Cone & Kicker Reflector Self-flanged, clear Alzak® (SASF) cone • Alzak® cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options

Lamp Guard Prismatic glass lens

Electrical LED Light Engine: Innovative light engine mixes the light of blue and red LEDs while applying a specially formulated phosphor on a remote lens to generate a high red, green and blue saturation index, resulting in high-quality LED light with enhanced red, green and blue wavelengths relative to typical LED, fluorescent and HID sources • 3000K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

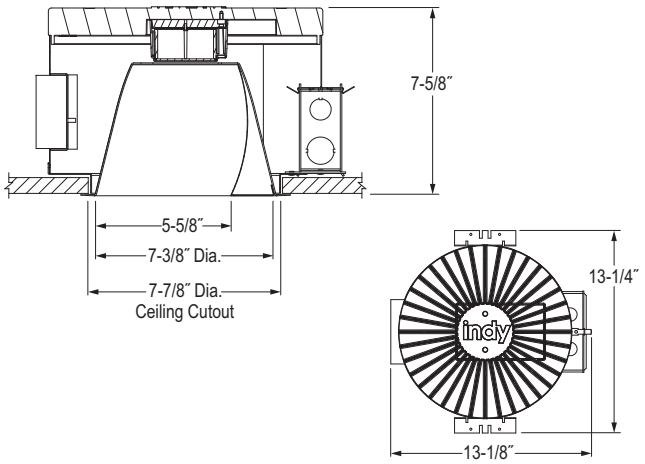
Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds cones in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information Example: **SW8ES-1840-1-SASF1-PF**

Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SW8ES	18	40	1	SASF	1	PF
SW8ES	**18**-1800 Lumens	**30**-3000K **40**-4100K	**1**-120V **2**-277V **3**-347V	**Alzak® Finish Options** Clear **SASF** Champagne Gold **CGSF** Black **BASF** Pewter **PASF** Wheat **WTSF** Bronze **BRSF** Satin **SAQF** Semi-Specular **SAF** Specular **CGQF** Specular **CGF** Specular **BAQF** Specular **BAF** Specular **PAQF** Specular **PAF** Specular **WTQF** Specular **WTF** Specular **BRQF** Specular **BRF** **Painted Finish Options** White Cone **WHF**	**1**	**PF**-Painted Flange Only (white) **F**-Fuse and Fuse Holder **CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



indy™

Designer Series LED | 4" Enhanced Spectrum LED
Square Downlight 1800 Lumen Light Engine

Description
Enhanced spectrum LED downlights are ideal for bringing out the vibrant colors of fresh food products and brightly colored apparel. Environmentally friendly; no harmful ultraviolet, infrared wavelengths, lead or mercury resulting in food staying fresh longer and will not fade materials.

Features
Trim Self-flanged, clear Alzak® (SASF) cone • Alzak® cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options

Lamp Guard Clear glass lens.

Electrical LED Light Engine: Innovative light engine mixes the light of blue and red LEDs while applying a specially formulated phosphor on a remote lens to generate a high red, green and blue saturation index, resulting in high-quality LED light with enhanced red, green and blue wavelengths relative to typical LED, fluorescent and HID sources • 3000K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer

Housing Housing: Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds trim in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information Example: **SDSQ4ES-1840-1-SASF1-PF**

Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SDSQ4ES	18	40	1	SASF	1	PF

SDSQ4ES

18-1800 Lumens

30-3000K
40-4100K

1-120V
2-277V
3-347V

Alzak® Finish Options

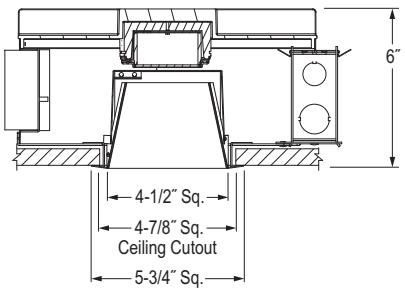
	Satin	Specular
Clear	**SASF**	**SAF**
Champagne Gold	**CGSF**	**CGF**
Black	**BASF**	**BAF**
Pewter	**PASF**	**PAF**
Wheat	**WTSF**	**WTF**
Bronze	**BRSF**	**BRF**

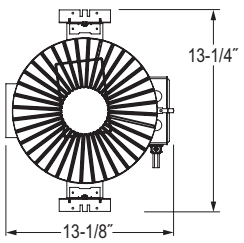
Painted Finish Options
White Cone **WHF**

1

PF-Painted Flange Only (white)
F-Fuse and Fuse Holder
CP-Chicago Plenum Approval
825-28" "C" Channel Mounting Bars (pair)

Dimensions





Accessories
To specify, order as additional item.
Example: **SCA4-20**

SCA4-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10,° 15°, 20°, 25°, 30°)

indy™

Designer Series LED | 6" Enhanced Spectrum LED
Square Downlight 1800 Lumen Light Engine

Description
Enhanced spectrum LED downlights are ideal for bringing out the vibrant colors of fresh food products and brightly colored apparel. Environmentally friendly; no harmful ultraviolet, infrared wavelengths, lead or mercury resulting in food staying fresh longer and will not fade materials.

Features
Trim Self-flanged, clear Alzak® (SASF) cone • Alzak® cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options

Lamp Guard Clear glass lens.

Electrical LED Light Engine: Innovative light engine mixes the light of blue and red LEDs while applying a specially formulated phosphor on a remote lens to generate a high red, green and blue saturation index, resulting in high-quality LED light with enhanced red, green and blue wavelengths relative to typical LED, fluorescent and HID sources • 3000K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

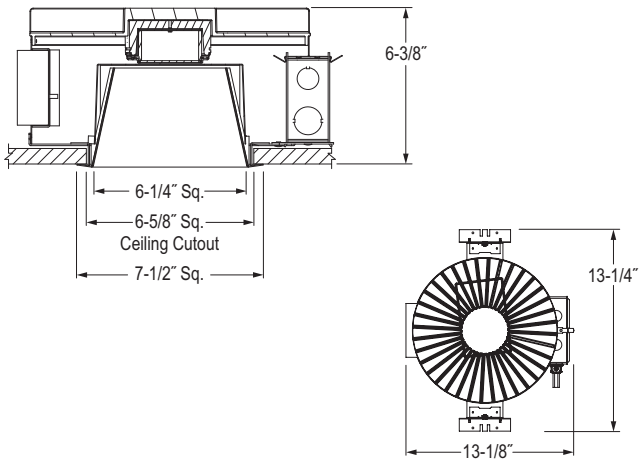
Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds trim in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information Example: **SDSQ6ES-1840-1-SASF1-PF**

Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SDSQ6ES	18	40	1	SASF	1	PF
SDSQ6ES	**18**-1800 Lumens	**30**-3000K **40**-4100K	**1**-120V **2**-277V **3**-347V	**Alzak® Finish Options** Satin / Specular Clear: **SASF** / **SAF** Champagne Gold: **CGSF** / **CGF** Black: **BASF** / **BAF** Pewter: **PASF** / **PAF** Wheat: **WTSF** / **WTF** Bronze: **BRSF** / **BRF** **Painted Finish Options** White Cone: **WHF**	1	**PF**-Painted Flange Only (white) **F**-Fuse and Fuse Holder **CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



Accessories

To specify, order as additional item.
Example: **SCA6-20**

SCA6-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10,° 15°, 20°, 25°, 30°)

indy™

Designer Series LED | 4" Enhanced Spectrum LED
Square Wall Wash 1800 Lumen Light Engine

Description
Enhanced spectrum LED downlights are ideal for bringing out the vibrant colors of fresh food products and brightly colored apparel. Environmentally friendly; no harmful ultraviolet, infrared wavelengths, lead or mercury resulting in food staying fresh longer and will not fade materials.

Features
Trim & Kicker Reflector Self-flanged, clear Alzak® (SASF) cone • Alzak® cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options

Lamp Guard Prismatic glass lens

Electrical LED Light Engine: Innovative light engine mixes the light of blue and red LEDs while applying a specially formulated phosphor on a remote lens to generate a high red, green and blue saturation index, resulting in high-quality LED light with enhanced red, green and blue wavelengths relative to typical LED, fluorescent and HID sources • 3000K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

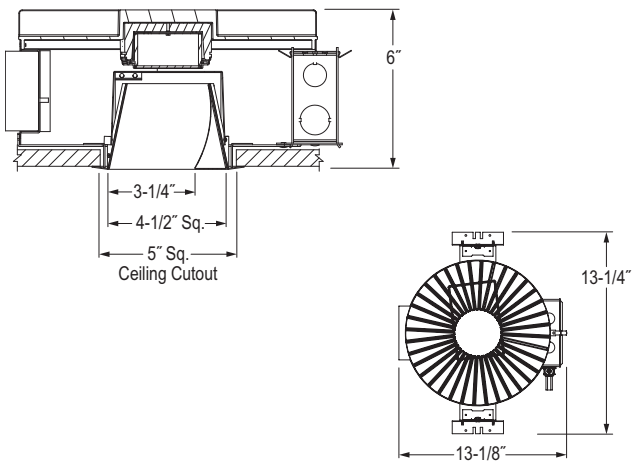
Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds trim in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information Example: **SWSQ4ES-1840-1-SASF1-PF**

Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SWSQ4ES	18	40	1	SASF	1	PF
SWSQ4ES	**18**-1800 Lumens	**30**-3000K **40**-4100K	**1**-120V **2**-277V **3**-347V	**Alzak® Finish Options** Clear / Champagne: Satin **SASF**, Specular **SAF** Gold: **CGSF**, **CGF** Black: **BASF**, **BAF** Pewter: **PASF**, **PAF** Wheat: **WTSF**, **WTF** Bronze: **BRSF**, **BRF** **Painted Finish Options** White Cone: **WHF**	1	**PF**-Painted Flange Only (white) **F**-Fuse and Fuse Holder **CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



indy™

Designer Series LED | 6" Enhanced Spectrum LED

Square Wall Wash 1800 Lumen Light Engine

Description

Enhanced spectrum LED downlights are ideal for bringing out the vibrant colors of fresh food products and brightly colored apparel. Environmentally friendly; no harmful ultraviolet, infrared wavelengths, lead or mercury resulting in food staying fresh longer and will not fade materials.

Features

Trim & Kicker Reflector Self-flanged, clear Alzak® (SASF) cone • Alzak® cone with low iridescent finish is standard • Other Alzak® finishes are available; see trim options

Lamp Guard Prismatic glass lens

Electrical LED Light Engine: Innovative light engine mixes the light of blue and red LEDs while applying a specially formulated phosphor on a remote lens to generate a high red, green and blue saturation index, resulting in high-quality LED light with enhanced red, green and blue wavelengths relative to typical LED, fluorescent and HID sources • 3000K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer

Housing Heavy gauge cold rolled steel with black finish • Unique modular design allows easy replacement of light engine and driver from above or below ceiling

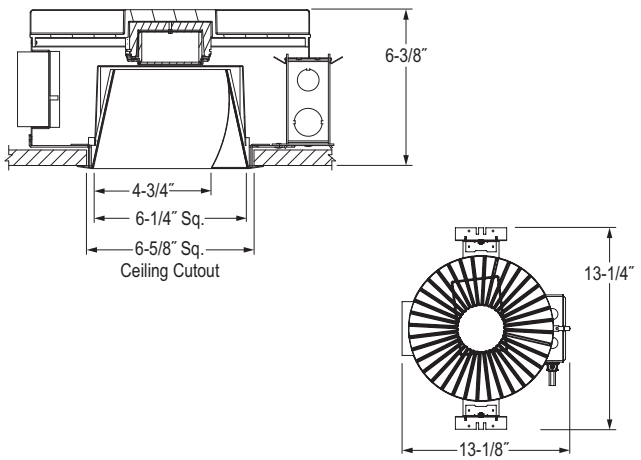
Mounting Mounting brackets have 3" vertical adjustment and accept 1-1/2" C-channel mounting bars • Tru-Lock bar hangers supplied standard • Mounting Frame: Heavy gauge steel lower housing ring with factory installed spring steel friction clips securely holds trim in ceiling

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

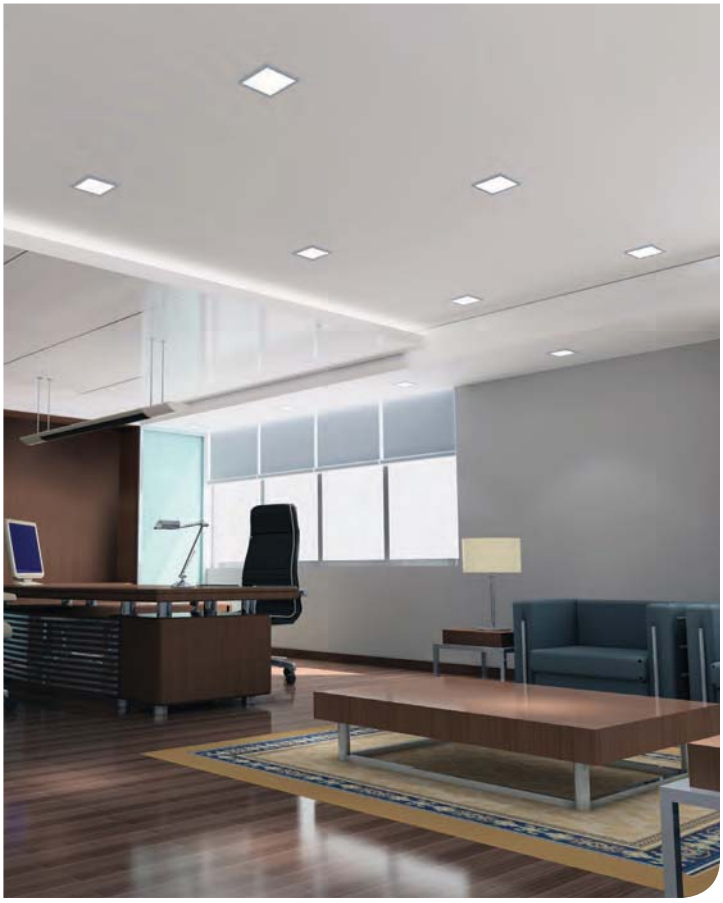
Ordering Information Example: **SWSQ6ES-1840-1-SASF1-PF**

Model	Light Engine Lumens	Color Temperature	Voltage	Trim Options	Generation	Options
SWSQ6ES	18	40	1	SASF	1	PF
SWSQ6ES	**18**-1800 Lumens	**30**-3000K **40**-4100K	**1**-120V **2**-277V **3**-347V	**Alzak® Finish Options** Clear / Champagne: Satin **SASF**, Specular **SAF** Gold: **CGSF**, **CGF** Black: **BASF**, **BAF** Pewter: **PASF**, **PAF** Wheat: **WTSF**, **WTF** Bronze: **BRSF**, **BRF** **Painted Finish Options** White Cone: **WHF**	1	**PF**-Painted Flange Only (white) **F**-Fuse and Fuse Holder **CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



Designer Series Compact Fluorescent



Designer Series Compact Fluorescent | 6" Triple Tube
Horzontal 1-Lamp Downlight

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Finish is specular clear Alzak® standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

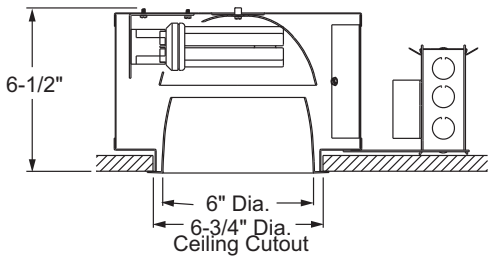
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

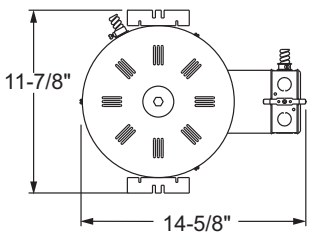
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FD26-26E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FD26	26	E	SACSF	825
FD26	26 32 42	E-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SACSF▲**-Clear **CGCSF▲**-Champagne Gold **BACSF▲**-Black **PACSF▲**-Pewter **WTCSF▲**-Wheat **BRCSF▲**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ **BP-I**[2]-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) **HP-I**[2]-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions





[1] Add a -1 for 120V, a -2 for 277V

[2] Battery pack access in non-accessible ceilings require 5" additional plenum height.

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SACF)

Accessories

To specify, order as additional item.
Example: **SCA6-20**

SCA6-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10,° 15°, 20°, 25°, 30°)

Designer Series Compact Fluorescent | 8" Triple Tube
Horizontal 1-Lamp Downlight

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Finish is specular clear Alzak® standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

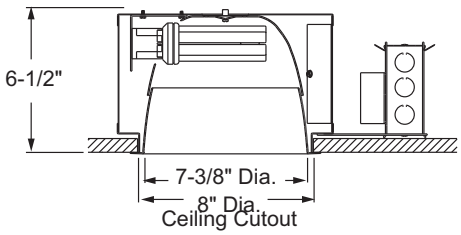
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

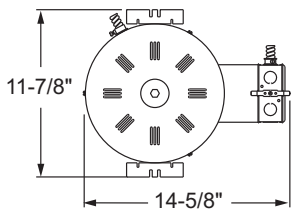
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FD28-26E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FD28	26	E	SACSF	825
FD28	**26** **32** **42**	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SACSF▲**-Clear **CGCSF▲**-Champagne Gold **BACSF▲**-Black **PACSF▲**-Pewter **WTCSF▲**-Wheat **BRCSF▲**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ **BP-I**[2]-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) **HP-I**[2]-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions





[1] Add a -1 for 120V, a -2 for 277V

[2] Battery pack access in non-accessible ceilings require 5" additional plenum height.

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SACF)

Accessories

To specify, order as additional item.
Example: **SCA8-20**

SCA8-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10,° 15°, 20°, 25°, 30°)

Designer Series Compact Fluorescent | 9" Triple Tube
Horizontal 2-Lamp Downlight

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Finish is specular clear Alzak® standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max
Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

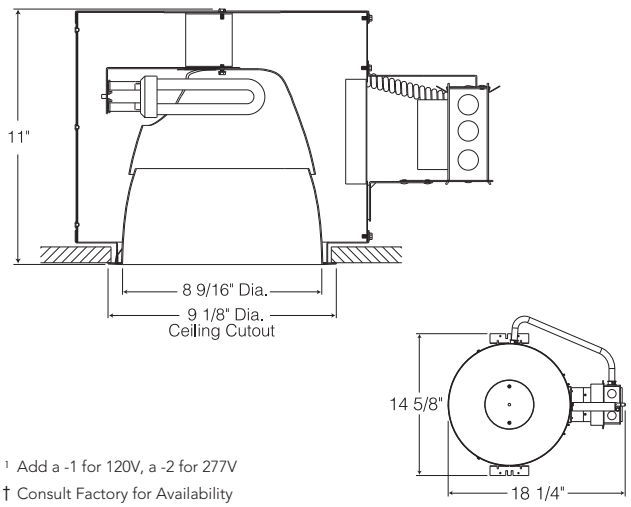
Lamp Shown with two (2) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FD59-26E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FD59	26	E	SACSF	825
FD59	**26** **32** **42**	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ **BP-I**-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) **HP-I**-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



[1] Add a -1 for 120V, a -2 for 277V
† Consult Factory for Availability

Accessories
To specify, order as additional item.
Example: **SCA9-20**

SCA9-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10,° 15°, 20°, 25°, 30°)

Designer Series Compact Fluorescent | 4" Triple Tube
Vertical 1-Lamp Downlight

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Finish is specular clear Alzak® standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceiling add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

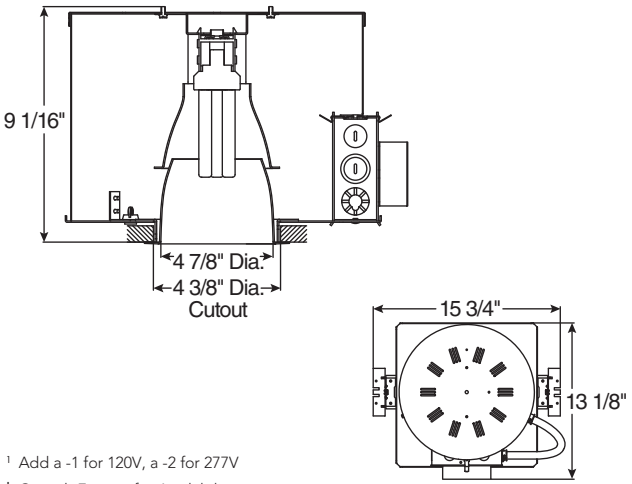
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FD14-18E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FD14	18	E	SACSF	825
FD14	**18** **26**	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ **BP-I**-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) **HP-I**-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



[1] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

Accessories
To specify, order as additional item.
Example: **SCA4-20**

SCA4-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10,° 15°, 20°, 25°, 30°)

Designer Series Compact Fluorescent | 6" Triple Tube
Vertical 1-Lamp Downlight

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Finish is specular clear Alzak® standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceiling add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

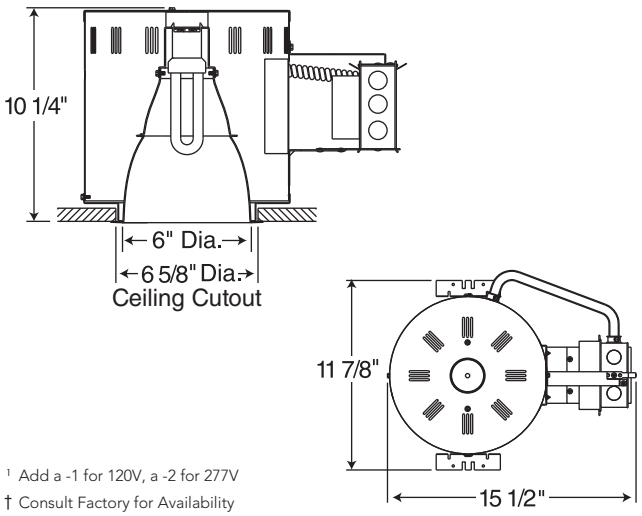
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FD16-26E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FD16	26	E	SACSF	825
FD16	**26** **32**	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ **BP-I**-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) **HP-I**-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



[1] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

Accessories
To specify, order as additional item.
Example: **SCA6-20**

SCA6-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10,° 15°, 20°, 25°, 30°)

Designer Series Compact Fluorescent | 8" Triple Tube
Vertical 1-Lamp Downlight

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Finish is specular clear Alzak® standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

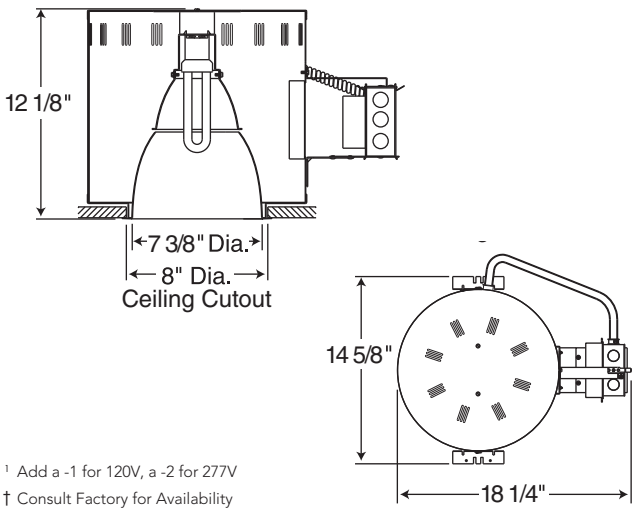
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FD18-26E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FD18	26	E	SACSF	825
FD18	26 32 42	E-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ **BP-I**-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) **HP-I**-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



[1] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

Accessories

To specify, order as additional item.
Example: **SCA8-20**

SCA8-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10,° 15°, 20°, 25°, 30°)

Designer Series Compact Fluorescent | 9" Triple Tube
Vertical 1-Lamp Downlight

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Finish is specular clear Alzak® standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceiling add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

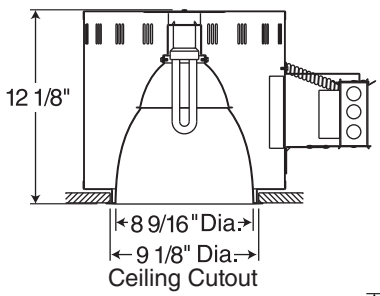
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

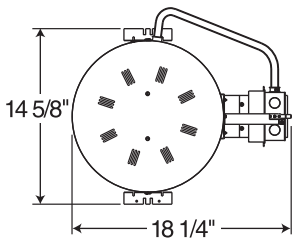
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FD19-26E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FD19	26	E	SACSF	825
FD19	**26** **32** **42**	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ **BP-I**-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) **HP-I**-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions





[1] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

Accessories

To specify, order as additional item.
Example: **SCA9-20**

SCA9-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10,° 15°, 20°, 25°, 30°)

Designer Series Compact Fluorescent | 6" Triple Tube
Horizontal 1-Lamp Wall Wash

Description
Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform, striation-free wash light with wide lateral distribution.

Features
Upper & Kicker Reflector Finish is specular clear Alzak® standard • Kicker reflector finish is diffused aluminum standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FW26-26E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FW26	26	E	SACSF	825

FW26

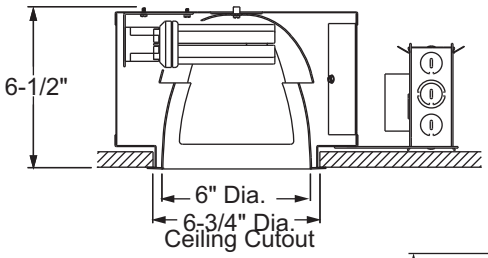
26
32
42

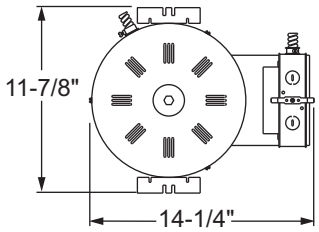
E-Electronic Universal Voltage

Alzak® Satin Finish Options
SACSF▲-Clear
CGCSF▲-Champagne Gold
BACSF▲-Black
PACSF▲-Pewter
WTCSF▲-Wheat
BRCSF▲-Bronze
Painted Finish Options
WHCF-White Cone

PF-Painted Flange Only (white)
LD[1]-Dimming Ballast, Lutron Compact SE
AD[1]-Dimming Ballast, Advance Mark 10™
D7-Dimming Ballast, Advance Mark 7™
BP-I[2]-Emergency Battery Pack with Internal Test Switch
(For remote test switch specify - BP)
HP-I[2]-High Lumen Emergency Battery Pack with Internal Test Switch
(For remote test switch specify - HP)
***F**-Fuse and Fuse Holder
(Where *** = voltage)
†**CP**-Chicago Plenum Approval
825-28" "C" Channel Mounting Bars (pair)
†**347**-347 Volt

Dimensions





[1] Add a -1 for 120V, a -2 for 277V

[2] Battery pack access in non-accessible ceilings require 5" additional plenum height.

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SACF)

Designer Series Compact Fluorescent | 8" Triple Tube
Horizontal 1-Lamp Wall Wash

Description
Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform, striation-free wash light with wide lateral distribution.

Features
Upper & Kicker Reflector Finish is specular clear Alzak® standard • Kicker reflector finish is diffused aluminum standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceiling add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

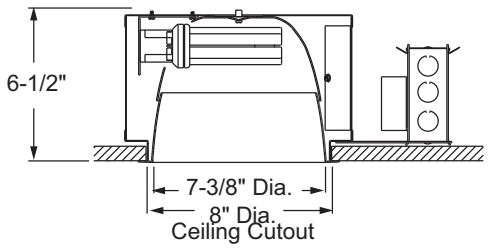
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

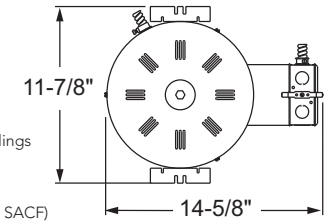
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FW28-26E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FW28	26	E	SACSF	825
FW28	**26** **32** **42**	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SACSF▲**-Clear **CGCSF▲**-Champagne Gold **BACSF▲**-Black **PACSF▲**-Pewter **WTCSF▲**-Wheat **BRCSF▲**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ **BP-I**[2]-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) **HP-I**[2]-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions





[1] Add a -1 for 120V, a -2 for 277V

[2] Battery pack access in non-accessible ceilings require 5" additional plenum height.

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SACF)

Designer Series Compact Fluorescent | 9" Triple Tube
Horizontal 2-Lamp Wall Wash

Description
Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform, striation-free wash light with wide lateral distribution.

Features
Upper & Kicker Reflector Finish is specular clear Alzak® standard • Kicker reflector finish is diffused aluminum standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Lamp Shown with two (2) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FW59-26E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FW59	26	E	SACSF	825

FW59

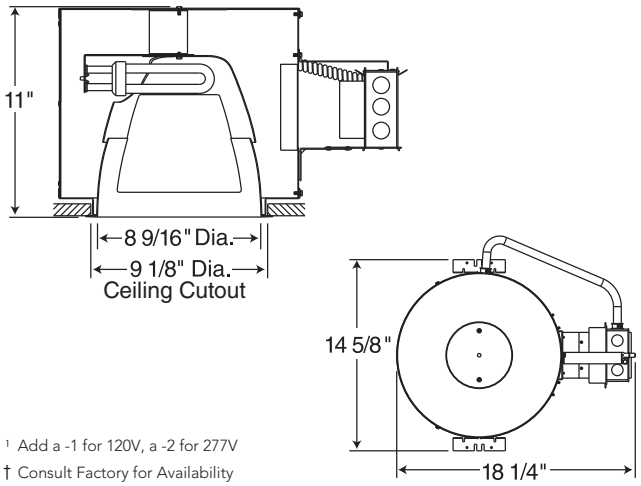
26 Lamp Wattage
32
42

E-Electronic Universal Voltage

Alzak® Satin Finish Options
SACSF-Clear
CGCSF-Champagne Gold
BACSF-Black
PACSF-Pewter
WTCSF-Wheat
BRCSF-Bronze
Painted Finish Options
WHCF-White Cone

PF-Painted Flange Only (white)
LD[1]-Dimming Ballast, Lutron Compact SE
AD[1]-Dimming Ballast, Advance Mark 10™
D7-Dimming Ballast, Advance Mark 7™
BP-I-Emergency Battery Pack with Internal Test Switch
(For remote test switch specify - BP)
HP-I-High Lumen Emergency Battery Pack with Internal Test Switch
(For remote test switch specify - HP)
***F**-Fuse and Fuse Holder
(Where *** = voltage)
†**CP**-Chicago Plenum Approval
825-28" "C" Channel Mounting Bars (pair)
†**347**-347 Volt

Dimensions



[1] Add a -1 for 120V, a -2 for 277V
† Consult Factory for Availability

Designer Series Compact Fluorescent | 4" Triple Tube
Vertical 1-Lamp Wall Wash

Description
Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform striation-free wash light with wide lateral distribution.

Features
Upper & Kicker Reflector Finish is specular clear Alzak® standard • Kicker reflector finish is diffused aluminum standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceiling add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FW14-18E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FW14	18	E	SACSF	825

FW14

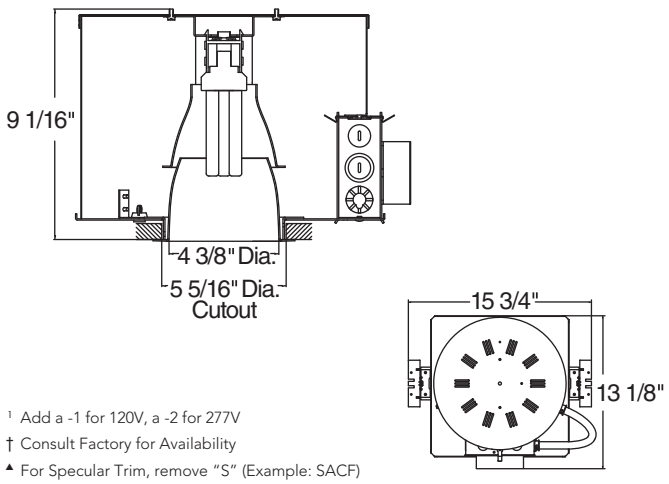
18
26

E-Electronic Universal Voltage

Alzak® Satin Finish Options
SACSF▲-Clear
CGCSF▲-Champagne Gold
BACSF▲-Black
PACSF▲-Pewter
WTCSF▲-Wheat
BRCSF▲-Bronze
Painted Finish Options
WHCF-White Cone

PF-Painted Flange Only (white)
LD[1]-Dimming Ballast, Lutron Compact SE
AD[1]-Dimming Ballast, Advance Mark 10™
D7-Dimming Ballast, Advance Mark 7™
BP-I-Emergency Battery Pack with Internal Test Switch
(For remote test switch specify - BP)
HP-I-High Lumen Emergency Battery Pack with Internal Test Switch
(For remote test switch specify - HP)
***F**-Fuse and Fuse Holder
(Where *** = voltage)
†**CP**-Chicago Plenum Approval
825-28" "C" Channel Mounting Bars (pair)
†**347**-347 Volt

Dimensions



[1] Add a -1 for 120V, a -2 for 277V
† Consult Factory for Availability
▲ For Specular Trim, remove "S" (Example: SACF)

Designer Series Compact Fluorescent | 6" Triple Tube
Vertical 1-Lamp Wall Wash

Description
Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform striation-free wash light with wide lateral distribution.

Features
Upper & Kicker Reflector Finish is specular clear Alzak® standard • Kicker reflector finish is diffused aluminum standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceiling add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

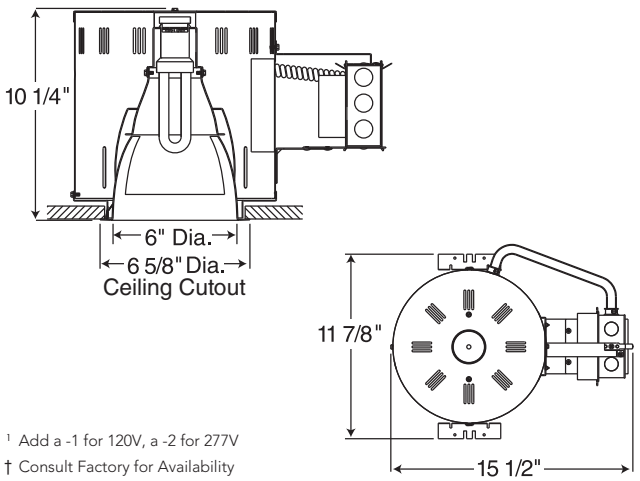
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FW16-26E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FW16	26	E	SACSF	825
FW16	**26** **32**	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ **BP-I**-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) **HP-I**-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



[1] Add a -1 for 120V, a -2 for 277V
† Consult Factory for Availability

Designer Series Compact Fluorescent | 8" Triple Tube
Vertical 1-Lamp Wall Wash

Description
Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform, striation-free wash light with wide lateral distribution.

Features
Upper & Kicker Reflector Finish is specular clear Alzak® standard • Kicker reflector finish is diffused aluminum standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FW18-26E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FW18	26	E	SACSF	825

FW18

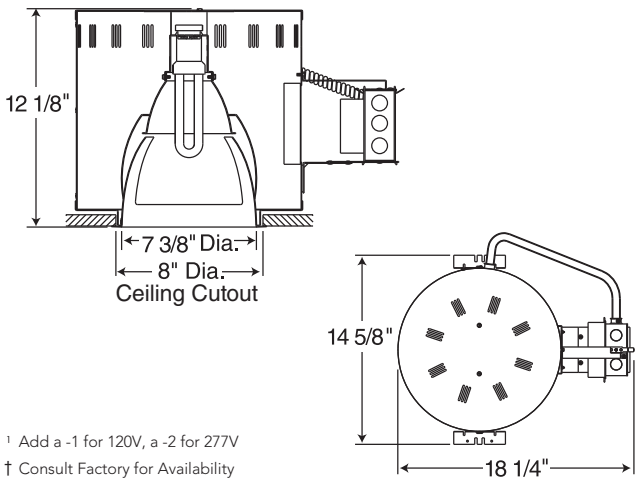
Lamp Wattage
26
32
42

Ballast
E-Electronic Universal Voltage

Trim Options
Alzak® Satin Finish Options
SACSF-Clear
CGCSF-Champagne Gold
BACSF-Black
PACSF-Pewter
WTCSF-Wheat
BRCSF-Bronze
Painted Finish Options
WHCF-White Cone

Options
PF-Painted Flange Only (white)
LD[1]-Dimming Ballast, Lutron Compact SE
AD[1]-Dimming Ballast, Advance Mark 10™
D7-Dimming Ballast, Advance Mark 7™
BP-I-Emergency Battery Pack with Internal Test Switch
(For remote test switch specify - BP)
HP-I-High Lumen Emergency Battery Pack with Internal Test Switch
(For remote test switch specify - HP)
***F**-Fuse and Fuse Holder
(Where *** = voltage)
†**CP**-Chicago Plenum Approval
825-28" "C" Channel Mounting Bars (pair)
†**347**-347 Volt

Dimensions



[1] Add a -1 for 120V, a -2 for 277V
† Consult Factory for Availability

Designer Series Compact Fluorescent | 9" Triple Tube
Vertical 1-Lamp Wall Wash

Description
Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform striation-free wash light with wide lateral distribution.

Features
Upper & Kicker Reflector Finish is specular clear Alzak® standard • Kicker reflector finish is diffused aluminum standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceiling add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FW19-26E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FW19	26	E	SACSF	825

FW19

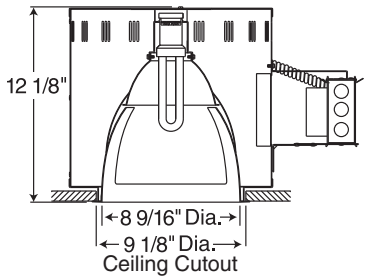
26
32
42

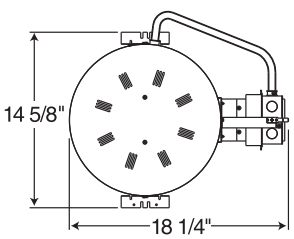
E-Electronic Universal Voltage

Alzak® Satin Finish Options
SACSF-Clear
CGCSF-Champagne Gold
BACSF-Black
PACSF-Pewter
WTCSF-Wheat
BRCSF-Bronze
Painted Finish Options
WHCF-White Cone

PF-Painted Flange Only (white)
LD[1]-Dimming Ballast, Lutron Compact SE
AD[1]-Dimming Ballast, Advance Mark 10™
D7-Dimming Ballast, Advance Mark 7™
BP-I-Emergency Battery Pack with Internal Test Switch
(For remote test switch specify - BP)
HP-I-High Lumen Emergency Battery Pack with Internal Test Switch
(For remote test switch specify - HP)
***F**-Fuse and Fuse Holder
(Where *** = voltage)
†**CP**-Chicago Plenum Approval
825-28" "C" Channel Mounting Bars (pair)
†**347**-347 Volt

Dimensions





[1] Add a -1 for 120V, a -2 for 277V
† Consult Factory for Availability

Designer Series Compact Fluorescent | 4" Sq. Triple Tube
Vertical 1-Lamp Downlight

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Finish is specular clear Alzak® standard

Lower trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P", HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

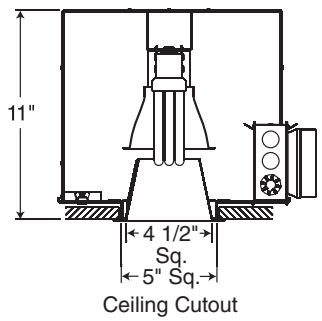
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

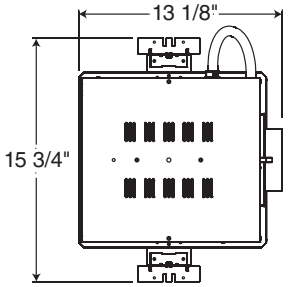
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FDSQ14-32E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FDSQ14	32	E	SATSF	825
FDSQ14	**26** **32**	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SATSF▲**-Clear **CGTSF▲**-Champagne Gold **BATSF▲**-Black **PATSF▲**-Pewter **WTTSF▲**-Wheat **BRTSF▲**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ **BP-I**-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) **HP-I**-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions





[1] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series Compact Fluorescent | 6" Sq. Triple Tube
Vertical 1-Lamp Downlight

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Finish is specular clear Alzak® standard

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P", HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

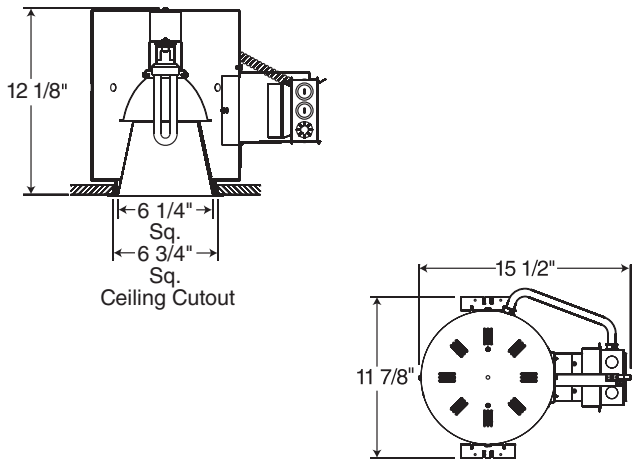
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FDSQ16-42E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FDSQ16	42	E	SATSF	825
FDSQ16	26 32 42	E-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SATSF▲**-Clear **CGTSF▲**-Champagne Gold **BATSF▲**-Black **PATSF▲**-Pewter **WTTSF▲**-Wheat **BRTSF▲**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ **BP-I**-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) **HP-I**-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



[1] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series Compact Fluorescent | 4" Sq. Triple Tube
Horizontal 1-Lamp Downlight

Description
Horizontal lamp design provides wide distribution in a shallow profile with good brightness control. Square aperture blends well with most architecture.

Features
Upper Reflector Finish is specular clear Alzak® standard

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Heavy gauge galvanized steel mounting frame • Heavy gauge die-formed aluminum socket housing

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

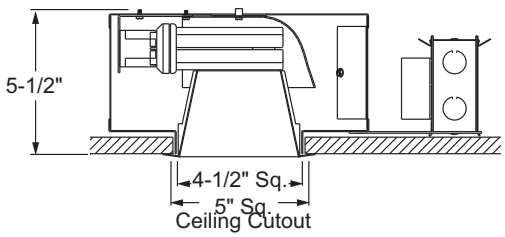
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

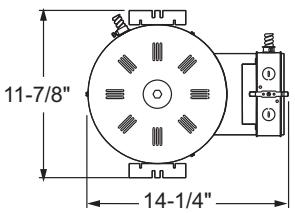
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FDSQ24-32E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FDSQ24	32	E	SATSF	825
FDSQ24	**26** **32**	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SATSF▲**-Clear **CGTSF▲**-Champagne Gold **BATSF▲**-Black **PATSF▲**-Pewter **WTTSF▲**-Wheat **BRTSF▲**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ **BP**-Emergency Battery Pack with Remote Test Switch **HP**-High Lumen Emergency Battery Pack with Remote Test Switch ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions





[1] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series Compact Fluorescent | 6" Sq. Triple Tube
Horizontal 1-Lamp Downlight

Description
Horizontal lamp design provides wide distribution in a shallow profile with good brightness control. Square aperture blends well with most architecture.

Features
Upper Reflector Finish is specular clear Alzak® standard

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Heavy gauge galvanized steel mounting frame • Heavy gauge die-formed aluminum socket housing

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

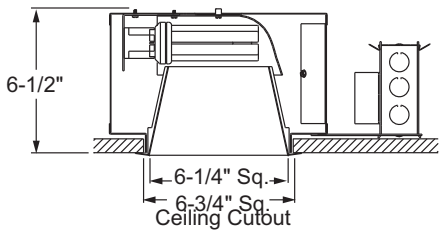
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

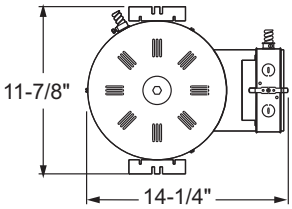
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FDSQ26-32E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FDSQ26	32	E	SATSF	825
FDSQ26	**26** **32** **42**	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SATSF▲**-Clear **CGTSF▲**-Champagne Gold **BATSF▲**-Black **PATSF▲**-Pewter **WTTSF▲**-Wheat **BRTSF▲**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ **BP-1**-120/277V Emergency Battery Pack with Remote Test Switch (For remote test switch specify - BP) **HP-1**-120/277V High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions





[1] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series Compact Fluorescent | 8" Sq. Triple Tube
Horizontal 2-Lamp Downlight

Description
Horizontal lamp design provides wide distribution in a shallow profile with good brightness control. Square aperture blends well with most architecture.

Features
Upper Reflector Finish is specular clear Alzak® standard

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Heavy gauge galvanized steel mounting frame • Heavy gauge die-formed aluminum socket housing

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

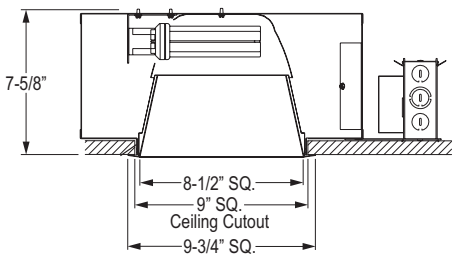
Lamp Shown with two (2) triple tube compact fluorescent lamp (by others)

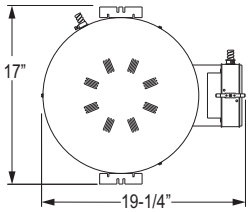
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FDSQ58-42E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FDSQ58	32	E	SATSF	825
FDSQ58	**26** **32** **42**	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SATSF▲**-Clear **CGTSF▲**-Champagne Gold **BATSF▲**-Black **PATSF▲**-Pewter **WTTSF▲**-Wheat **BRTSF▲**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ **BP-1**-120/277V Emergency Battery Pack with Remote Test Switch (For remote test switch specify - BP) **HP-1**-120/277V High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions





[1] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series Compact Fluorescent | 8" Sq. Triple Tube
Horizontal 2-Lamp Downlight

Description
Horizontal lamp design provides wide distribution in a shallow profile with good brightness control. Square aperture blends well with most architecture.

Features
Reflector Self-flanged, clear Alzak® (SASF) satin reflector with low iridescent finish • Other Alzak® and painted finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Heavy gauge galvanized steel mounting frame • Heavy gauge die-formed aluminum socket housing

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

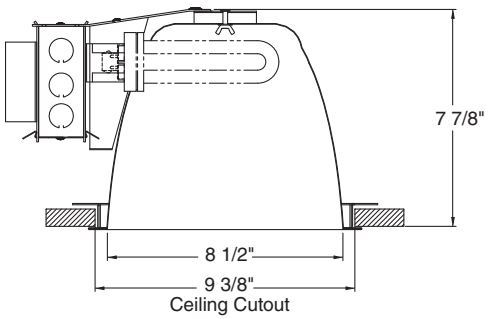
Lamp Shown with two (2) triple tube compact fluorescent lamp (by others)

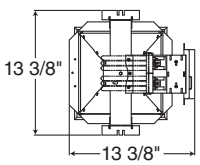
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **23SQ58-42E-SASF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
23SQ58	42	E	SASF	825
23SQ58	**32** **42**	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SASF**-Clear **CGSF**-Champagne Gold **BASF**-Black **PASF**-Pewter **WTSF**-Wheat **BRSF**-Bronze **Painted Finish Options** **WHF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ † **BP**-120/277V Emergency Battery Pack with Remote Test Switch † **HP**-120/277VHigh Lumen Emergency Battery Pack with Remote Test Switch ***F**-Fuse and Fuse Holder (Where *** = voltage) † **CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) † **347**-347 Volt

Dimensions





[1] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

Designer Series Compact Fluorescent | 6" x 12" Triple Tube Horizontal 2-Lamp Downlight

Description
Architecturally pleasing rectangular aperture with prismatic lens delivers highly efficient, glare free general lighting.

Features
Lower Cone Self-flanged, clear Alzak® (SATSF) trim with low iridescent finish • Other Alzak® and painted finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Housing and end-plates are heavy gauge cold rolled steel for strength and rigidity • Pre-punched with knockouts and supplied with access plate for supply connection • Housing finish is baked white enamel with minimum reflectance of 89%

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

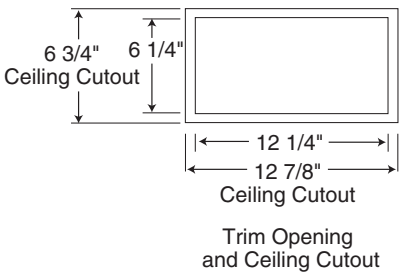
Lamp Shown with two (2) triple tube compact fluorescent lamp (by others) • Prismatic lamp shield

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

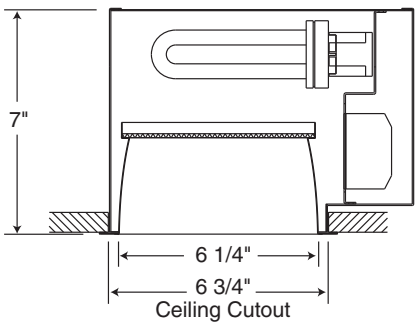
Ordering Information Example: **23R56-42E-SATSF-825**

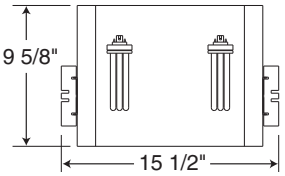
Model	Lamp Wattage	Ballast	Trim Options	Options
23R56	**42**	**E**	**SATSF**	**825**
23R56	**32** **42**	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SATSF**-Clear **CGTSF**-Champagne Gold **BATSF**-Black **PATSF**-Pewter **WTTSF**-Wheat **BRTSF**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ † **BP**-120/277V Emergency Battery Pack with Remote Test Switch † **HP**-120/277VHigh Lumen Emergency Battery Pack with Remote Test Switch ***F-Fuse and Fuse Holder (Where *** = voltage) † **CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) † **347**-347 Volt

Dimensions



Trim Opening and Ceiling Cutout





Top View

[1] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

Designer Series Compact Fluorescent | 4" x 8" Triple Tube
Horizontal 1-Lamp Downlight

Description
Architecturally pleasing rectangular aperture with prismatic lens delivers high efficiency and good glare control for general lighting.

Features
Reflector Hammertone, specular clear low iridescent aluminum • Protective film dust guard

Lower Cone Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish • Other Alzak® and painted finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Housing and end-plates are heavy gauge die-formed cold rolled steel for strength and rigidity • Housing finish is baked white enamel • Heavy gauge steel mounting frame with black finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

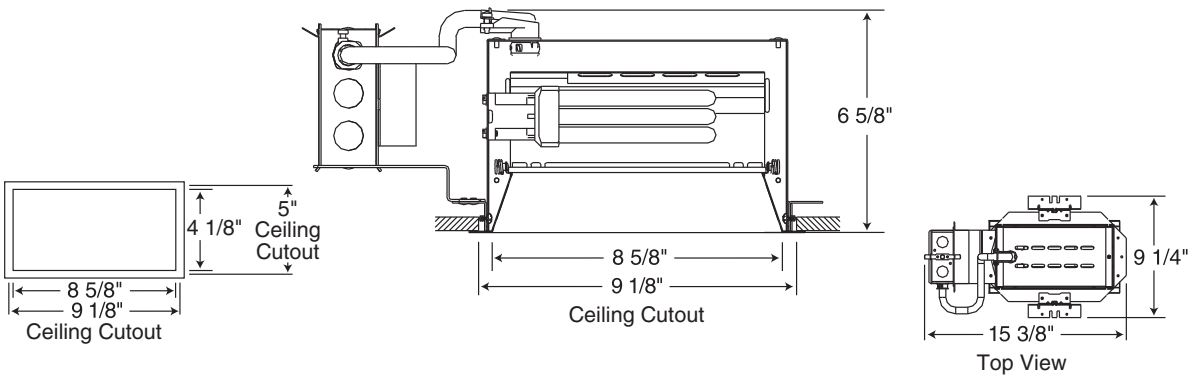
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others) • Prismatic lamp shield

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **23R24-42E-SATSF-PGL-825**

Model	Lamp Wattage	Ballast	Trim Options	Lens Type	Options
23R24	**42**	**E**	**SATSF**	**PGL**	**825**
23R24	**26** 32 42	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SATSF**-Clear **CGTSF**-Champagne Gold **BATSF**-Black **PATSF**-Pewter **WTTSF**-Wheat **BRTSF**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PGL**-Prismatic Glass (Std.)	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ †**BP**-Emergency Battery Pack with Remote Test Switch †**HP**-High Lumen Emergency Battery Pack with Remote Test Switch ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



[1] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

Designer Series Compact Fluorescent | 4" Sq. Triple Tube
Vertical 1-Lamp Wall Wash

Description
Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform, striation-free wash with wide lateral distribution. Downlight and wall wash trims are interchangeable.

Features
Upper Reflector Finish is specular clear Alzak® standard • Kicker reflector finish is linear spread specular aluminum standard

Kicker Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

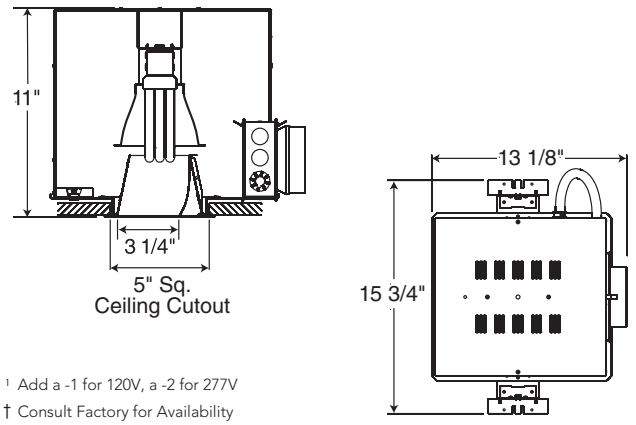
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FWSQ14-32E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FWSQ14	32	E	SATSF	825
FWSQ14	**26** **32**	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SATSF▲**-Clear **CGTSF▲**-Champagne Gold **BATSF▲**-Black **PATSF▲**-Pewter **WTTSF▲**-Wheat **BRTSF▲**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ **BP-I**-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) **HP-I**-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



[1] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series Compact Fluorescent | 6" Sq. Triple Tube
Vertical 1-Lamp Wall Wash

Description
Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform, striation-free wash with wide lateral distribution. Downlight and wall wash trims are interchangeable.

Features
Upper Reflector Finish is specular clear Alzak® standard • Kicker reflector finish is linear spread specular aluminum standard

Kicker Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P", HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

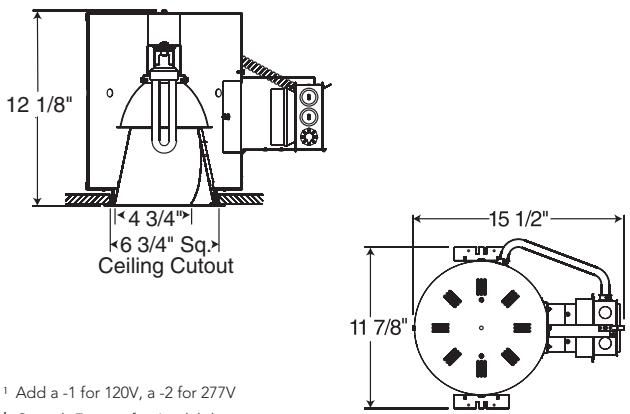
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FWSQ16-42E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FWSQ16	42	E	SATSF	825
FWSQ16	**26** **32** **42**	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SATSF▲**-Clear **CGTSF▲**-Champagne Gold **BATSF▲**-Black **PATSF▲**-Pewter **WTTSF▲**-Wheat **BRTSF▲**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ **BP-I**-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) **HP-I**-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



[1] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series Compact Fluorescent | 4" Sq. Triple Tube
Horizontal 1-Lamp Wall Wash

Description
Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform, striation-free wash with wide lateral distribution. Downlight and wall wash trims are interchangeable.

Features
Upper Reflector Finish is specular clear Alzak® standard • Kicker reflector finish is diffused aluminum standard

Kicker Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

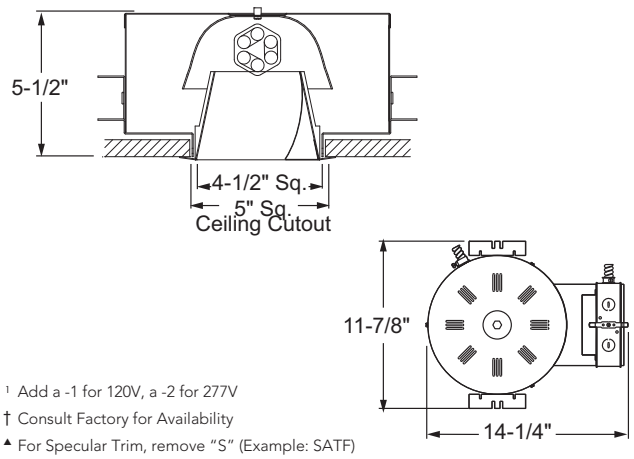
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FWSQ24-32E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FWSQ24	32	E	SATSF	825
FWSQ24	**26** **32**	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SATSF▲**-Clear **CGTSF▲**-Champagne Gold **BATSF▲**-Black **PATSF▲**-Pewter **WTTSF▲**-Wheat **BRTSF▲**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ **BP**-Emergency Battery Pack with Remote Test Switch **HP**-High Lumen Emergency Battery Pack with Remote Test Switch ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



[1] Add a -1 for 120V, a -2 for 277V
† Consult Factory for Availability
▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series Compact Fluorescent | 6" Sq. Triple Tube
Horizontal 1-Lamp Wall Wash

Description
Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform, striation-free wash with wide lateral distribution. Downlight and wall wash trims are interchangeable.

Features
Upper Reflector Finish is specular clear Alzak® standard • Kicker reflector finish is diffused aluminum standard

Kicker Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class "P," HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V max

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FWSQ26-32E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FWSQ26	32	E	SATSF	825

FWSQ26
- **26**
- **32**
- **42**

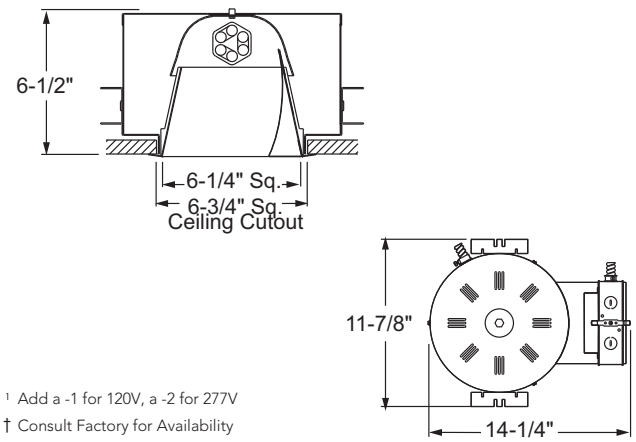
E-Electronic Universal Voltage

Alzak® Satin Finish Options
- **SATSF▲**-Clear
- **CGTSF▲**-Champagne Gold
- **BATSF▲**-Black
- **PATSF▲**-Pewter
- **WTTSF▲**-Wheat
- **BRTSF▲**-Bronze

Painted Finish Options
- **WHTF**-White Cone

- **PF**-Painted Flange Only (white)
- **LD**[1]-Dimming Ballast, Lutron Compact SE
- **AD**[1]-Dimming Ballast, Advance Mark 10™
- **D7**-Dimming Ballast, Advance Mark 7™
- **BP-I**-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP)
- **HP-I**-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP)
- ***F**-Fuse and Fuse Holder (Where *** = voltage)
- †**CP**-Chicago Plenum Approval
- **825**-28" "C" Channel Mounting Bars (pair)
- †**347**-347 Volt

Dimensions



[1] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series Compact Fluorescent | 8" Sq. Triple Tube
Horizontal 2-Lamp Wall Wash

Description
Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker provides uniform, striation-free wash with wide lateral distribution. Downlight and wall wash trims are interchangeable.

Features
Upper Reflector Finish is specular clear Alzak® standard • Kicker reflector finish is diffused aluminum standard

Kicker Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Heavy gauge galvanized steel mounting frame • Heavy gauge die-formed aluminum socket housing

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

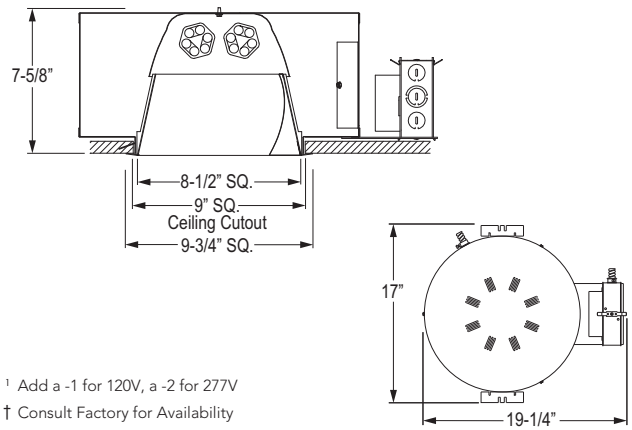
Lamp Shown with two (2) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **FWSQ58-42E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
FWSQ58	32	E	SATSF	825
FWSQ58	**26** **32** **42**	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SATSF▲**-Clear **CGTSF▲**-Champagne Gold **BATSF▲**-Black **PATSF▲**-Pewter **WTTSF▲**-Wheat **BRTSF▲**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ **BP-I**-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) **HP-I**-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



[1] Add a -1 for 120V, a -2 for 277V
† Consult Factory for Availability
▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series Compact Fluorescent | 8" Sq. Triple Tube
Horizontal 2-Lamp Wall Wash

Description
Horizontal lamp design provides wide, striation-free wall washing in a shallow profile. Square aperture blends well with most architecture.

Features
Reflector Self-flanged, clear Alzak® (SASF) satin wall wash reflector with low iridescent finish • Other Alzak® and painted finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Heavy gauge galvanized steel mounting frame • Heavy gauge die-formed aluminum socket housing

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

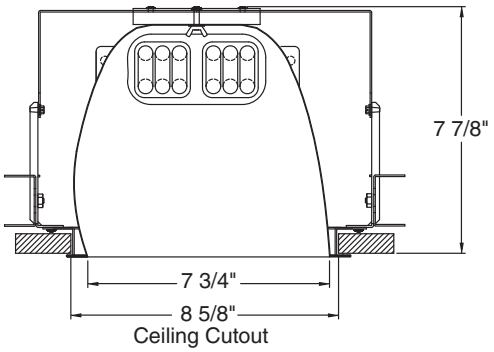
Lamp Shown with two (2) triple tube compact fluorescent lamp (by others)

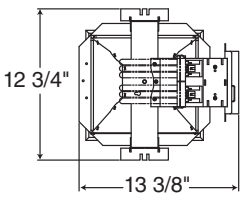
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

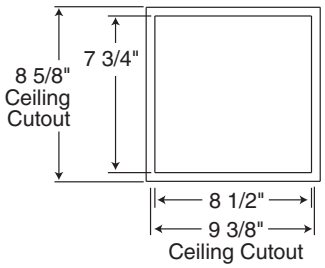
Ordering Information Example: **25SQ58-42E-SASF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
25SQ58	42	E	SASF	825
25SQ58	**32** **42**	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SASF**-Clear **CGSF**-Champagne Gold **BASF**-Black **PASF**-Pewter **WTSF**-Wheat **BRSF**-Bronze **Painted Finish Options** **WHF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ **BP**-Emergency Battery Pack with Remote Test Switch **HP**-High Lumen Emergency Battery Pack with Remote Test Switch ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions

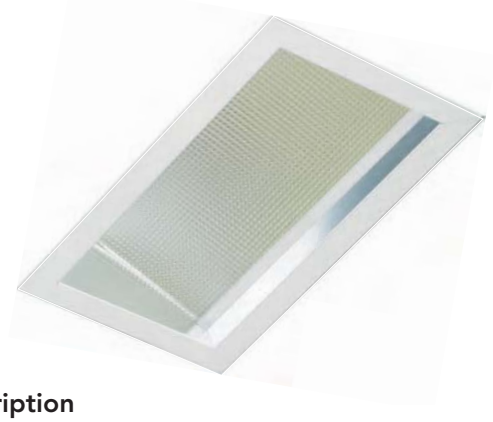






[1] Add a -1 for 120V, a -2 for 277V
† Consult Factory for Availability

Designer Series Compact Fluorescent | 6" x 12" Triple Tube Horizontal 2-Lamp Wall Wash



Description

Architecturally pleasing rectangular aperture with prismatic lens provides striation-free wall washing.

Features

Wall Wash Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish • Other Alzak® and painted finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Housing and end-plates are heavy gauge cold rolled steel for strength and rigidity • Pre-punched with knockouts and supplied with access plate for supply connection • Housing finish is baked white enamel with minimum reflectance of 89%

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

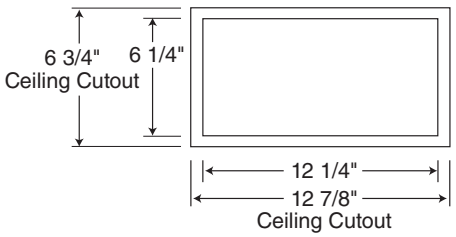
Lamp Shown with two (2) triple tube compact fluorescent lamp (by others) • Prismatic lamp shield

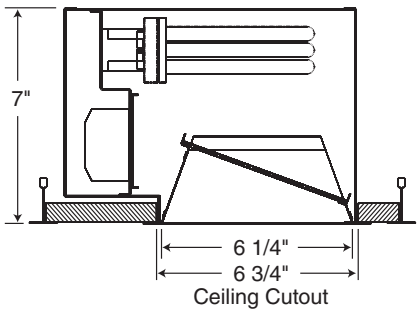
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

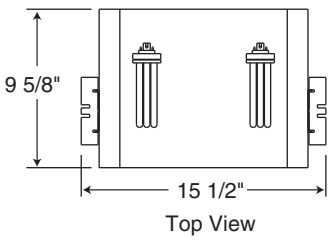
Ordering Information Example: **25R56-42E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
25R56	42	E	SATSF	825
25R56	**32** **42**	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SATSF**-Clear **CGTSF**-Champagne Gold **BATSF**-Black **PATSF**-Pewter **WTTSF**-Wheat **BRTSF**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ †**BP**-Emergency Battery Pack with Remote Test Switch †**HP**-High Lumen Emergency Battery Pack with Remote Test Switch ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions







[1] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

Designer Series Compact Fluorescent | 4" x 8" Triple Tube
Horizontal 1-Lamp Wall Wash

Description
Architecturally pleasing rectangular aperture with prismatic lens provides striation-free wall washing.

Features
Reflector Specular clear Alzak® satin finish

Lower Cone Self-flanged, clear Alzak® (SATSF) satin wall wash trim with low iridescent finish • Other Alzak® and painted finishes are available; see options

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Housing and end-plates are heavy gauge die-formed cold rolled steel for strength and rigidity • Housing finish is baked white enamel • Heavy gauge steel mounting frame with black finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 7/8" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

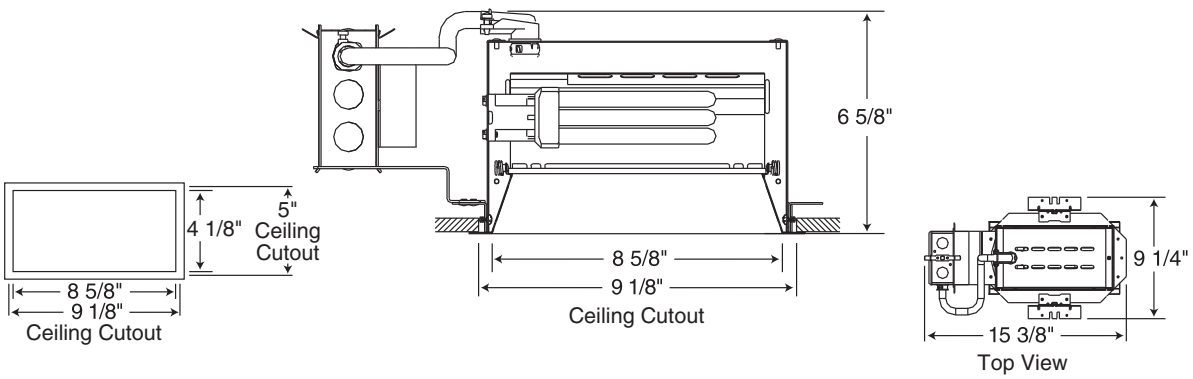
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others) • Prismatic lamp shield

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **25R24-42E-SATSF-PGL-825**

Model	Lamp Wattage	Ballast	Trim Options	Lens Type	Options
25R24	42	E	SATSF	PGL	825
25R24	**26** 32 42	**E**-Electronic Universal Voltage	**Alzak® Satin Finish Options** **SATSF**-Clear **CGTSF**-Champagne Gold **BATSF**-Black **PATSF**-Pewter **WTTSF**-Wheat **BRTSF**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PGL**-Prismatic Glass (Std.)	**PF**-Painted Flange Only (white) **LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ †**BP**-Emergency Battery Pack with Remote Test Switch †**HP**-High Lumen Emergency Battery Pack with Remote Test Switch ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



[1] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

Designer Series Compact Fluorescent | 1' x 1' Triple Tube Horizontal 1-Lamp Wall Wash

Description

Specialized kicker reflector provides very wide, striation-free wall wash distribution.

Features

Reflector Semi-specular clear pre-annodized aluminum with low iridescent finish • Other Alzak® finishes are available; see options • Protective film dust guard

Electrical Ballast: universal voltage, electronic solid state, class "P", HPF • Lamp holder: GX24q base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Housing and end-plates are heavy gauge die-formed cold rolled steel for strength and rigidity • Housing finish is baked white enamel • Heavy gauge galvanized steel mounting frame • Heavy gauge steel trim flange designed to conceal ceiling cutout. Finish to be matte white baked enamel

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars

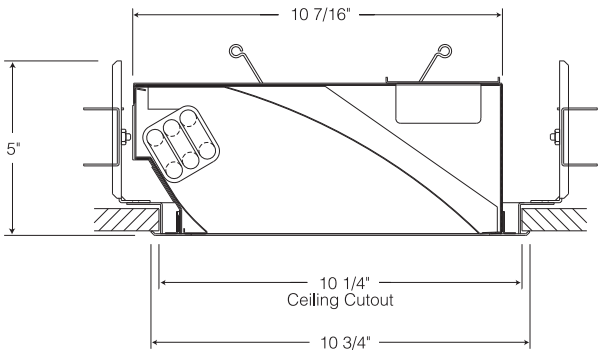
Lamp Shown with one (1) triple tube compact fluorescent lamp (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

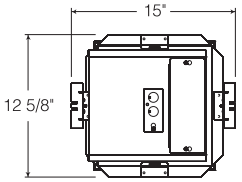
Ordering Information Example: **25SQ21-42E-SA-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
25SQ21	42	E	SA	825
25SQ21	**42** **57** **70**	**E**-Electronic Universal Voltage	**Alzak® Clear Finish Options** **SA**-Clear **CG**-Champagne Gold **BA**-Black **PA**-Pewter **WT**-Wheat **BR**-Bronze	**LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ †**BP-I**-Emergency Battery Pack with Internal Test Switch (For remote test switch specify - BP) †**HP-I**-High Lumen Emergency Battery Pack with Internal Test Switch (For remote test switch specify - HP) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



Ceiling Cutout:
10 7/8" x 10 1/4"



[1] Add a -1 for 120V, a -2 for 277V

† Consult Factory for Availability

Designer Series Compact Fluorescent | 1' x 2' Long Twin Tube Horizontal 1-Lamp Wall Wash

Description
Specialized kicker reflector provides very wide, striation-free wall wash distribution.

Features
Reflector Non-iridescent specular clear aluminum • Protective film dust guard

Electrical Ballast: universal voltage, electronic solid state, class "P", HPF • Lamp holder: 2G11 base, UV stabilized thermoplastic, 125° C temperature rating, 75W, 600V

Mechanical Housing and end-plates are heavy gauge die-formed cold rolled steel for strength and rigidity • Housing finish is baked white enamel

Mounting T-Bar: End brackets rest on T-bar. Side rails support lay-in tile. Bracket is set for standard 1 1/2" T-bar. Drywall: Drywall frame mounts in ceiling; framed by others. Fixture lies in drywall frame

Lamp Shown with one (1) long twin tube fluorescent lamp (by others) • Prismatic lamp shield

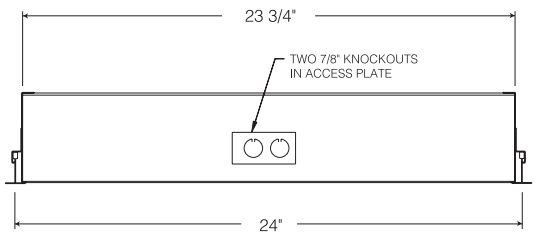
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

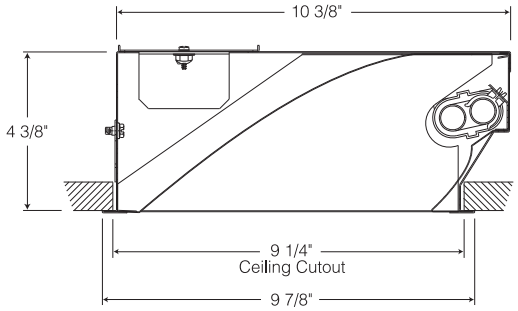
Ordering Information Example: **25R71-40E-SA-DWF**

Model	Lamp Wattage	Ballast	Trim Options	Options
25R71	40	E	SA	DWF
25R71	**40**-40W PL-L; DULUX-40; F40BX **50**-50W PL-L; F50BX **55**-55W DULUX-L55 **80**-80W PL-L80	**E**-Electronic Universal Voltage	**Alzak® Clear Finish Options** **SA**-Clear **CG**-Champagne Gold **BA**-Black **PA**-Pewter **WT**-Wheat **BR**-Bronze	**LD**[1]-Dimming Ballast, Lutron Compact SE **AD**[1]-Dimming Ballast, Advance Mark 10™ **D7**-Dimming Ballast, Advance Mark 7™ ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **DWF**-Drywall Frame †**347**-347 Volt

Accessories
DWF-Drywall Frame (white)
DWF-BL-Drywall Frame (black)

Dimensions





[1] Add a -1 for 120V, a -2 for 277V
† Consult Factory for Availability

Designer Series Compact Fluorescent | 1' x 2' T-5 Fluorescent Horizontal 2-Lamp Wall Wash

Description

Specialized kicker reflector provides very wide, striation-free wall wash distribution.

Features

Reflector Non-iridescent specular clear aluminum • Protective film dust guard

Electrical Ballast: universal voltage, electronic solid state, class 'P', HPF • Lamp holder: miniature bi-pin T-5 base, white hi-strength thermoplastic

Mechanical Housing and end-plates are heavy gauge die-formed cold rolled steel for strength and rigidity • Housing finish is baked white enamel

Mounting T-Bar: End brackets rest on T-bar. Side rails support lay-in tile. Bracket is set for standard 1 1/2" T-bar. Drywall: Drywall frame mounts in ceiling; framed by others. Fixture lies in drywall frame

Lamp Shown with two (2) 24-watt T-5 fluorescent lamp (by others) • One-lamp version is available; see options

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

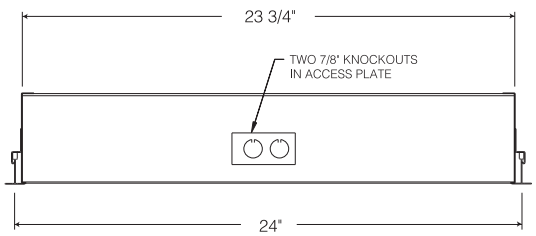
Ordering Information Example: **25R91-24E-SA-1L**

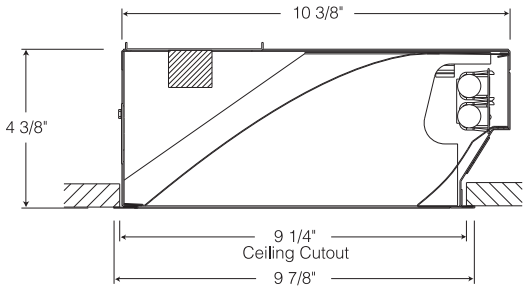
Model	Lamp Wattage	Ballast	Trim Options	Options
25R91	24	E	SA	1L
25R91	**24**	**E**-Electronic Universal Voltage	**Alzak® Clear Finish Options** **SA**-Clear **CG**-Champagne Gold **BA**-Black **PA**-Pewter **WT**-Wheat **BR**-Bronze	**1L**-Single Lamp **DB**-Dimming Ballast (Consult Factory) ***F**-Fuse and Fuse Holder (Where *** = voltage) **CP**-Chicago Plenum Approval (Consult factory for availability)

Accessories

DWF-Drywall Frame (white)
DWF-BL-Drywall Frame (black)

Dimensions





[1] Add a -1 for 120V, a -2 for 277V
† Consult Factory for Availability

Designer Series Compact Fluorescent | 48" T-5 Fluorescent Horizontal 2-Lamp Aisle Lighter

Description

Specialty fixture designed to light aisles and the merchandise on shelves with no distracting spill light.

Features

Parabolic Louver Plastic, injection molded louver with white finish • Provides 40° lateral shielding • Specular louver available; see options

Reflector Multi-faceted aluminum with specular clear Alzak® finish

Electrical Ballast: universal 120/277 volt electronic ballast, class 'P', HPF • Lamp holder: T-5 mini-bi-pin base, white hi-strength thermoplastic

Mechanical Heavy gauge extruded aluminum with die-formed aluminum end-plates • White baked enamel finish

Mounting Pendant mounting with 48" stems standard • Stems maybe field-modified to shorter lengths • 72" and 96" stems lengths, cable and track mounting options are available; see ordering information • For continuous row mounting, consult factory

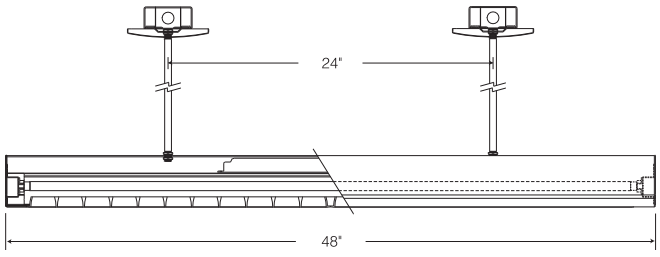
Lamp Shown with two (2) T-5, 54-watt fluorescent lamps (by others)

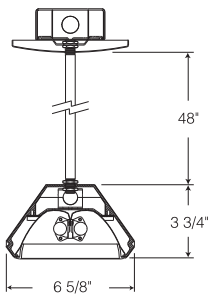
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **702-B-SA-C96**

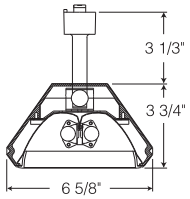
Model	Housing Finish	Louver Finish	Mounting
702	W	WH	P48
702	**W**-White **B**-Black	**WH**-White **SA**-Specular	**P48**-48" Pendant Mounting Kit (Std.) **P72**-72" Pendant Mounting Kit **P96**-96" Pendant Mounting Kit **C96**-96" Adjustable Cable Mounting Kit **T**-Track Mounting **Continuous Row Mounting**-Consult Factory

Dimensions





END VIEW



TRACK VIEW

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Faceted, specular clear Alzak® flood reflector is standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30°F • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts. 1A, 750V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

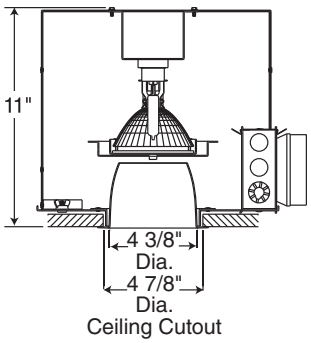
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

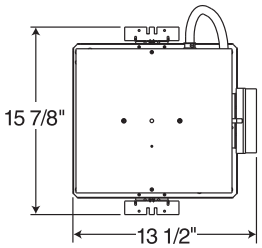
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HD74-39E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HD74	39	E	SACSF	825
HD74	20 39 70	**E**-Electronic Universal Voltage (120/277V)	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions





Accessories
To specify, order as additional item.
Example: **SCA4-20**

SCA4-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)

† Consult Factory for Availability

Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® flood reflector is standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30°F • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts. 1A, 750V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

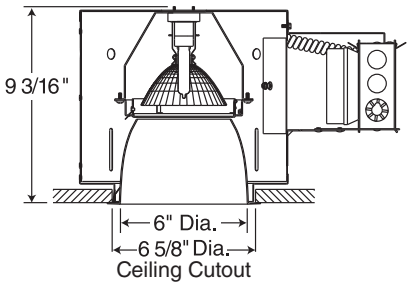
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

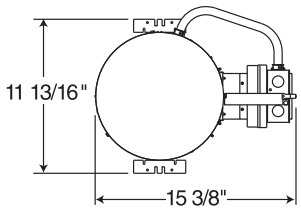
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HD76-39E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HD76	39	E	SACSF	825
HD76	20 39 70	E-120/277V Electronic	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions





Accessories

To specify, order as additional item.
Example: **SCA6-20**

SCA6-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)

† Consult Factory for Availability

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Faceted, specular clear Alzak® flood reflector is standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30°F • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

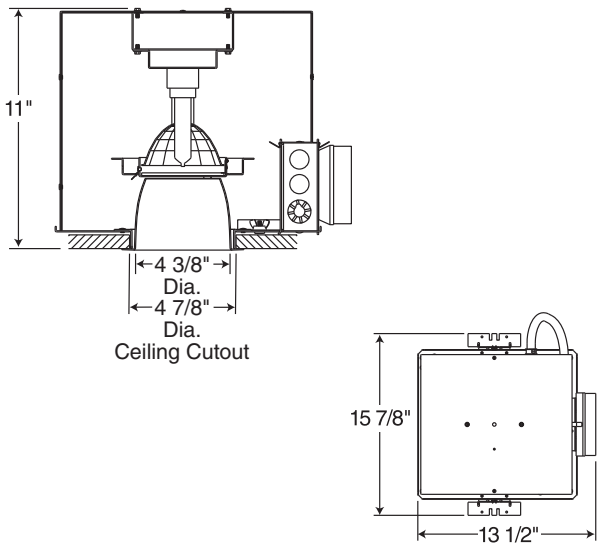
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HD54-39E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HD54	39	E	SACSF	825
HD54	20 39 70	E-120/277V Electronic	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



Accessories
To specify, order as additional item.
Example: **SCA4-20**

SCA4-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)

† Consult Factory for Availability

Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® flood reflector is standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

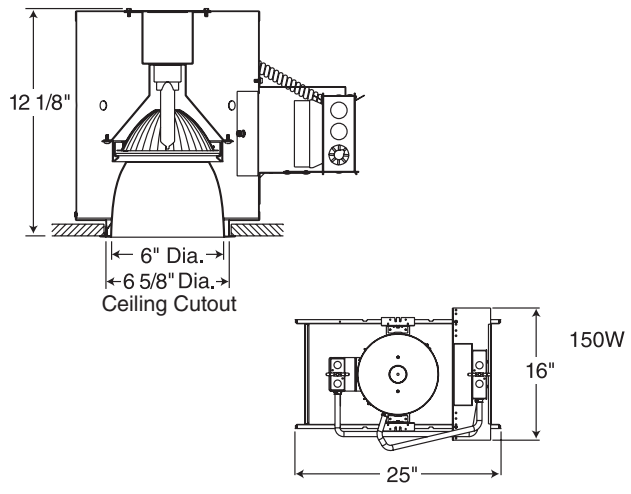
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HD56-70E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HD56	70	E	SACSF	825
HD56	**20** **39** **70** Ⓔ**150**	**E**-120/277V Electronic (20/39/70W only) **E1**-120V Electronic (150W only) **E2**-277V Electronic (150W only)	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

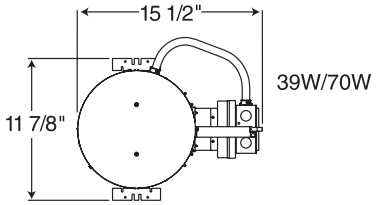
Dimensions



Accessories

To specify, order as additional item.
Example: **SCA6-20**

SCA6-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)



† Consult Factory for Availability
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Faceted, specular clear Alzak® flood reflector is standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® and satin finishes are available; see options

Electrical Ballast: Universal 120/277 Volt electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix -825 for 28" "C" channel mounting bars • 3/4" Maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

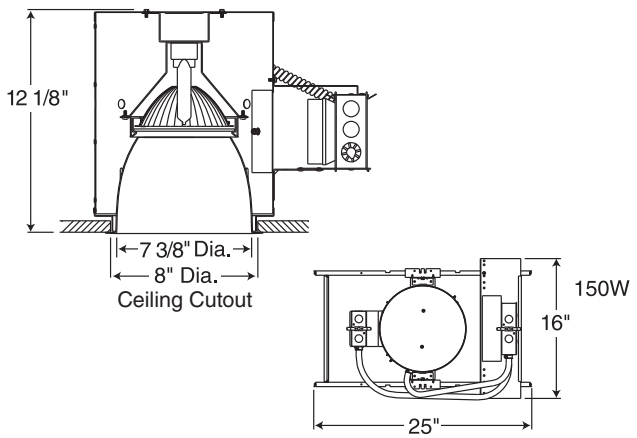
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • UL spacing requirement for 150-watts: Minimum of 4' between fixture centers, 3" overhead clearance and 2' from fixture center to side wall

Ordering Information Example: **HD58-70E-SACSF-825**

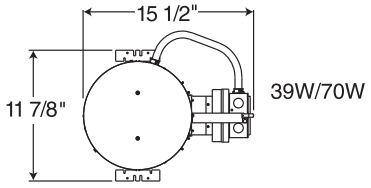
Model	Lamp Wattage	Ballast	Trim Options	Options
HD58	70	E	SACSF	825
HD58	**39** **70** Ⓔ **150**	**E**-120/277V Electronic (39/70W only) **E1**-120V Electronic (150W only) **E2**-277V Electronic (150W only)	**Alzak® Satin Finish Options** **SACSF**-Clear (std) **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



Accessories
To specify, order as additional item.
Example: **SCA8-20**

SCA8-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)



† Consult Factory for Availability
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Designer Series HID | 8" ED17 Metal Halide
Downlight (Enclosed)

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Faceted, specular clear Alzak® reflector is standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277 Volt electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

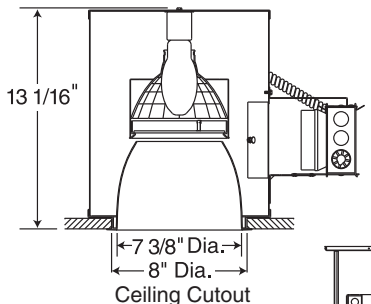
Lamp Shown with a medium base clear ED-17 metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

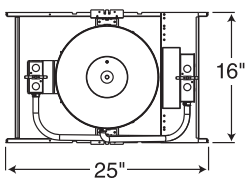
Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • UL spacing requirement for 150-watts: Minimum of 4' between fixture centers, 3" overhead clearance and 2' from fixture center to side wall

Ordering Information Example: **HD18-70E-SACSF-825**

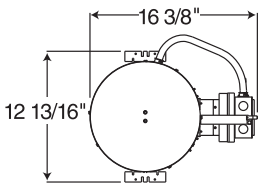
Model	Lamp Wattage	Ballast	Trim Options	Options
HD18	70	E	SACSF	825
HD18	50 70 100 Ⓔ 150	**E**-ED17 Clear, Non-Protected MH 120/277V Electronic (50/70/100W only) **E1**-ED17 Clear, Non-Protected MH 120V Electronic (150W only) **E2**-ED17 Clear, Non-Protected MH 277V Electronic (150W only)	**Alzak® Satin Finish Options** **SACSF**-Clear (std) **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions





100W/150W
Top View



50W/70W

† Consult Factory for Availability

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Accessories

To specify, order as additional item.
Example: **SCA8-20**

SCA8-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)

Designer Series HID | 8" ED17 Metal Halide
Open Reflector Downlight

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Faceted, specular clear Alzak® reflector is standard

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell • Socket prevents the use of noncontainment type metal halide lamps

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix -825 for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

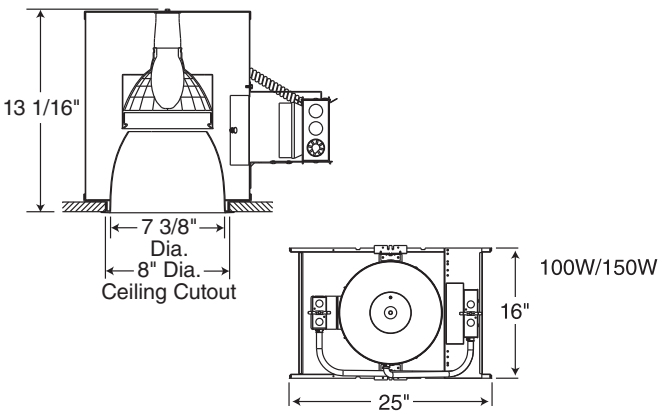
Lamp Shown with a medium base clear ED-17 metal halide lamp (by others)

Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • UL spacing requirement for 150-watts: Minimum of 4' between fixture centers, 3" overhead clearance and 2' from fixture center to side wall

Ordering Information Example: **HD38-70E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HD38	70	E	SACSF	825
HD38	**50** **70** **100** Ⓔ**150**	**E**-ED17 Clear, Protected MH 120/277V Electronic (50/70/100W only) **E1**-ED17 Clear, Protected MH (150W only) 120V Electronic **E2**-ED17 Clear, Protected MH 277V Electronic (150W only)	**Alzak® Satin Finish Options** **SACSF**-Clear (std) **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



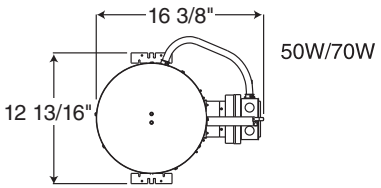
† Consult Factory for Availability

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Accessories

To specify, order as additional item.
Example: **SCA8-20**

SCA8-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)



Designer Series HID | 4" PAR20/30 Metal Halide Downlight

Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277 Volt electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

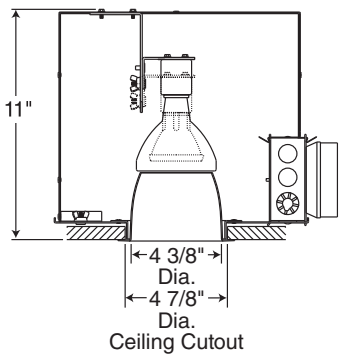
Lamp Shown with PAR20 and PAR30 metal halide lamps (by others) • Adjustable socket can be lowered to accommodate PAR20 lamp

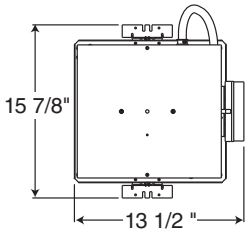
Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HDB4-39E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HDB4	39	E	SACSF	825
HDB4	**39**-39W, PAR20/30 **70**-70W, PAR30	**E**-120/277V Electronic	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions





Accessories

To specify, order as additional item.
Example: **SCA4-20**

SCA4-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)

† Consult Factory for Availability

Designer Series HID | 6" PAR30/38 Metal Halide Downlight

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°F • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

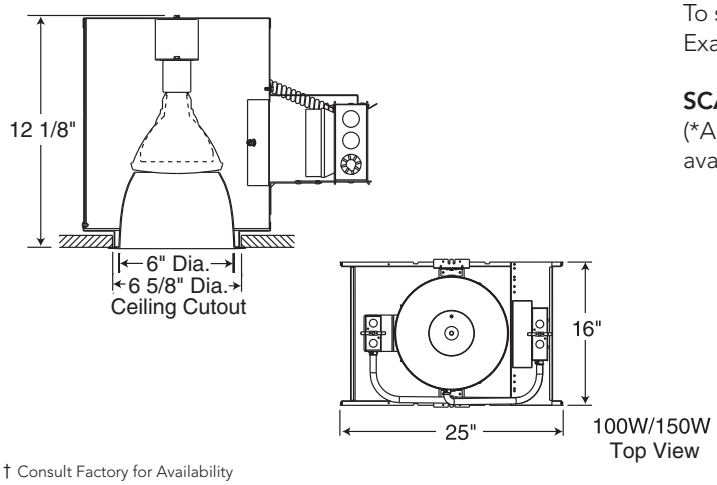
Lamp Shown with PAR30 and PAR38 metal halide lamps (by others)

Listing UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • UL spacing requirement for 150-watts: Minimum of 4' between fixture centers, 3" overhead clearance and 2' from fixture center to side wall

Ordering Information Example: **HDB6-70E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HDB6	70	E	SACSF	825
HDB6	**39**-39W, PAR30 **70**-70W, PAR30/38 **100**-100W, PAR38 Ⓔ **150**-150W, PAR38	**E**-120/277V Electronic (39/70/100W only) **E1**-120V Electronic (150W only) **E2**-277V Electronic (150W only)	**Alzak® Satin Finish Options** **SACSF**-Clear (std) **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



† Consult Factory for Availability

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Accessories

To specify, order as additional item.
Example: **SCA6-20**

SCA6-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)

Designer Series HID | 8" PAR30/38 Metal Halide Downlight

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

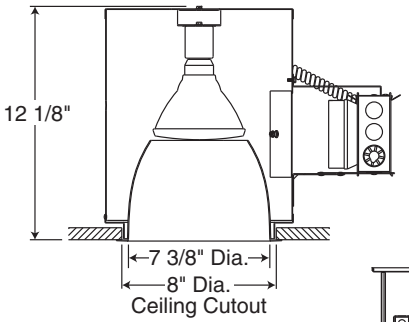
Lamp Shown with PAR38 metal halide lamp (by others)

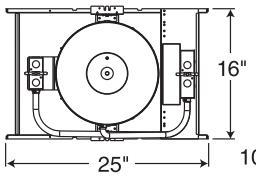
Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • UL spacing requirement for 150-watts: Minimum of 4' between fixture centers, 3" overhead clearance and 2' from fixture center to side wall

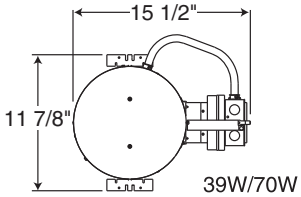
Ordering Information Example: **HDB8-70E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HDB8	70	E	SACSF	825
HDB8	**39**-39W, PAR30 **70**-70W, PAR30/38 **100**-100W, PAR38 Ⓔ**150**-150W, PAR38	**E**-120/277V Electronic (39/70/100W only) **E1**-120V Electronic (150W only) **E2**-277V Electronic (150W only)	**Alzak® Satin Finish Options** **SACSF**-Clear (std) **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions







† Consult Factory for Availability

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Accessories
To specify, order as additional item.
Example: **SCA8-20**

SCA8-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)

Designer Series HID | 4" T-4 Metal Halide
Adjustable Accent

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Medium flood reflector is available; see options

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30°F • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts 1A, 750V, rated for 5kV pulse

Mechanical Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard • Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

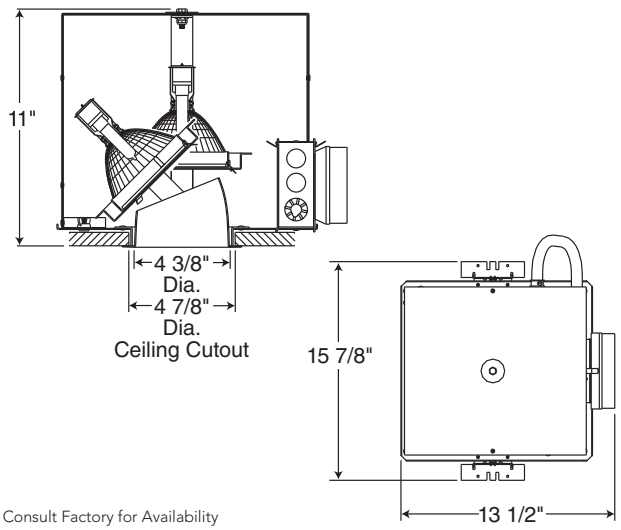
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HA74-39E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HA74	39	E	SACSF	825
HA74	**20** **39** **70**	**E**-120/277V Electronic	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) **MFL**-Medium Flood Reflector ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



† Consult Factory for Availability

Accessories

To specify, order as additional item.
Example: **853-LVR-CF-B**

853-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

Designer Series HID | 6" T-4 Metal Halide
Adjustable Accent

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Medium flood reflector is available; see options

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30°F • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts 1A, 750V, rated for 5kV pulse

Mechanical Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard • Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

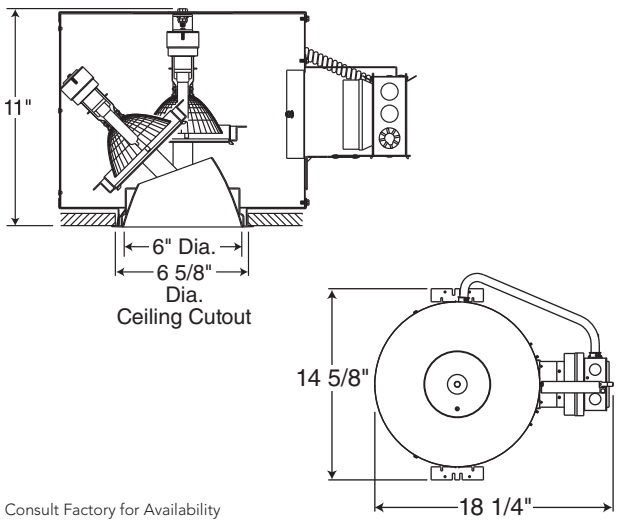
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HA76-39E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HA76	39	E	SACSF	825
HA76	**20** **39** **70**	**E**-120/277V Electronic	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt **MFL**-Medium Flood Reflector

Dimensions



† Consult Factory for Availability

Accessories
To specify, order as additional item.
Example: **856-LVR-CF-B**

856-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

Designer Series HID | 4" T-6 Metal Halide
Adjustable Accent

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Other reflector options are available; see options

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal 120/277V electronic solid state, HPF, reliable starting to -30°F • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V, rated for 5kV pulse

Mechanical Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard • Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

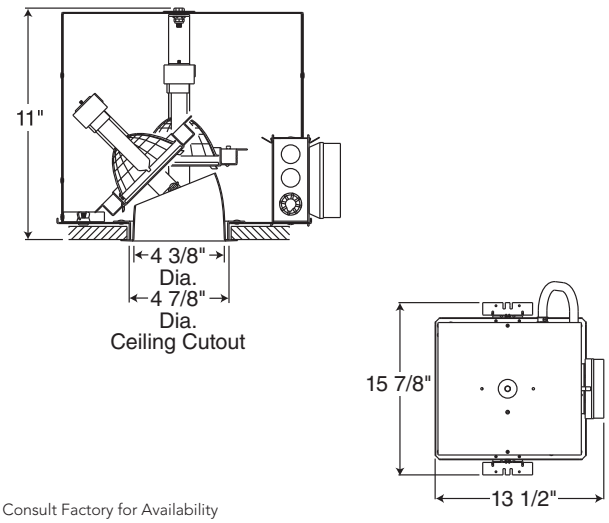
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HA54-39E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HA54	39	E	SACSF	825
HA54	**20** **39** **70**	**E**-120/277V Electronic	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt **MFL**-Medium Flood Reflector **FL**-Flood Reflector

Dimensions



† Consult Factory for Availability

Accessories

To specify, order as additional item.
Example: **852-LVR-CF-B**

852-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

Designer Series HID | 6" T-6 Metal Halide
Internally Adjustable Accent

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Other reflector options are available; see options

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts. 660W, 600V, rated for 5kV pulse

Mechanical Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard • Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

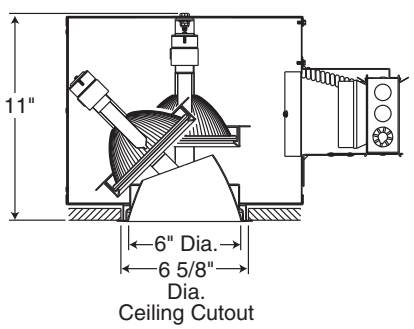
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

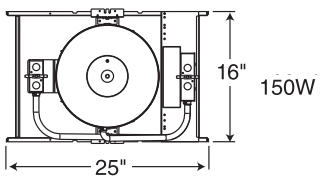
Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • UL spacing requirement for 150-watts: Minimum of 4' between fixture centers, 3" overhead clearance and 2' from fixture center to side wall

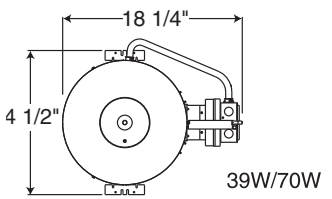
Ordering Information Example: **HA56-70E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HA56	70	E	SACSF	825
HA56	**20** **39** **70** Ⓔ **150**	**E**-120/277V Electronic (20/39/70W only) **E1**-120V Electronic (150W only) **E2**-277V Electronic (150W only)	**Alzak® Satin Finish Options** **SACSF**-Clear (std) **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt **MFL**-Medium Flood Reflector **FL**-Flood Reflector

Dimensions







† Consult Factory for Availability
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Accessories

To specify, order as additional item.
Example: **855-LVR-CF-B**

855-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

Designer Series HID | 8" T-6 Metal Halide
Internally Adjustable Accent

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Other reflector options are available; see options

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts 660W, 600V, rated for 5kV pulse

Mechanical Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard • Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

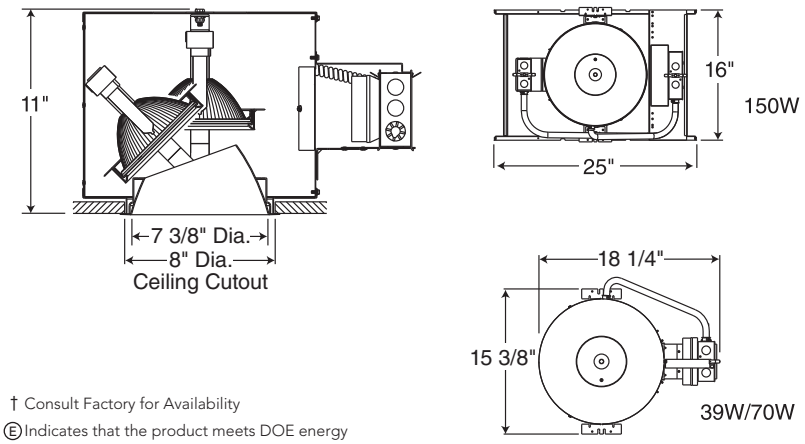
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • UL spacing requirement for 150-watts: Minimum of 4' between fixture centers, 3" overhead clearance and 2' from fixture center to side wall

Ordering Information Example: **HA58-70E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HA58	70	E	SACSF	825
HA58	**39** **70** Ⓔ **150**	**E**-120/277V Electronic (39/70W only) **E1**-120V Electronic (150W only) **E2**-277V Electronic (150W only)	**Alzak® Satin Finish Options** **SACSF**-Clear (std) **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt **MFL**-Medium Flood Reflector **FL**-Flood Reflector

Dimensions



† Consult Factory for Availability
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Accessories

To specify, order as additional item.
Example: **855-LVR-CF-B**

855-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

Designer Series HID | 8" ED17 Metal Halide
Internally Adjustable Accent (Enclosed)

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Medium flood reflector is also available; see options

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°F • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Adjustable yoke assembly allows 355° rotation and up to 35° tilt of lamp • Rotation and tilt locking are standard • Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

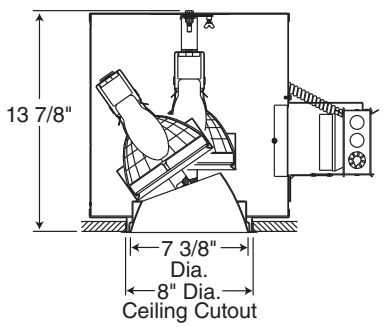
Lamp Shown with medium base clear ED-17 lamp (by others) • Protective clear tempered glass lamp guard is standard

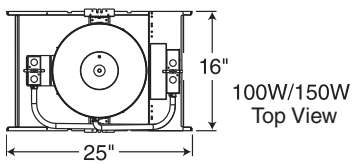
Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • UL spacing requirement for 150-watts: Minimum of 4' between fixture centers, 3" overhead clearance and 2' from fixture center to side wall

Ordering Information Example: **HA18-70E-SACSF-825**

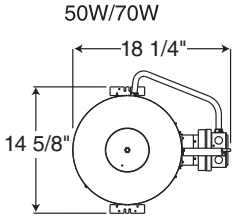
Model	Lamp Wattage	Ballast	Trim Options	Options
HA18	HA18	70	E	SACSF	825
HA18	50 70 100 Ⓔ 150	**E**-120/277V ED17 Clear, Non-Protected MH Electronic (50/70/100W only) **E1**-120V ED17 Clear, Non-Protected MH Electronic (150W only) **E2**-277V ED17 Clear, Non-Protected MH Electronic (150W only)	**Alzak® Satin Finish Options** **SACSF**-Clear (std) **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) **MFL**-Medium Flood Reflector ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions





50W/70W



† Consult Factory for Availability
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Accessories

To specify, order as additional item.
Example: **857-LVR-CF-B**

857-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

Designer Series HID | 8" ED17 Metal Halide
Internally Adjustable Accent (Open)

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Medium flood reflector is also available; see options

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell • Socket prevents the use of noncontainment type of metal halide lamps

Mechanical Adjustable yoke assembly allows 355° rotation and up to 35° tilt of lamp • Rotation and tilt locking are standard • Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

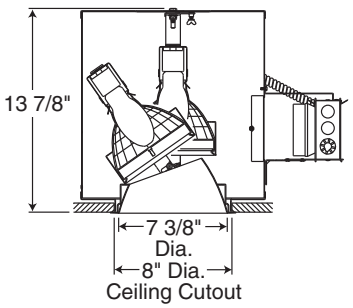
Lamp Shown with medium base clear ED-17 metal halide lamp (by others)

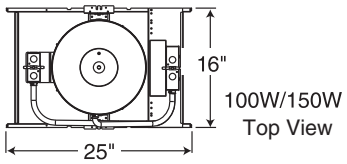
Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • UL spacing requirement for 150-watts: Minimum of 4' between fixture centers, 3" overhead clearance and 2' from fixture center to side wall

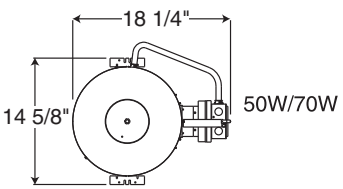
Ordering Information Example: **HA38-70E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HA38	**70**	**E**	**SACSF**	**825**
HA38	**50** **70** **100** Ⓔ **150**	**E**-120/277V ED17 Clear, Protected MH Electronic (50/70/100W only) **E1**-120V ED17 Clear, Protected MH Electronic (150W only) **E2**-277V ED17 Clear, Protected MH Electronic (150W only)	**Alzak® Satin Finish Options** **SACSF**-Clear (std) **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) **MFL**-Medium Flood Reflector ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions







† Consult Factory for Availability

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Designer Series HID | 4" PAR20/30 Metal Halide
Adjustable Accent

Description
Internally adjustable accent light is designed for directional, focused lighting.

Features
Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: universal 120/277V electronic solid state, HPF, reliable starting to -30°F • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard • Yoke adjusts vertically to accommodate PAR20 or PAR30 lamps • Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

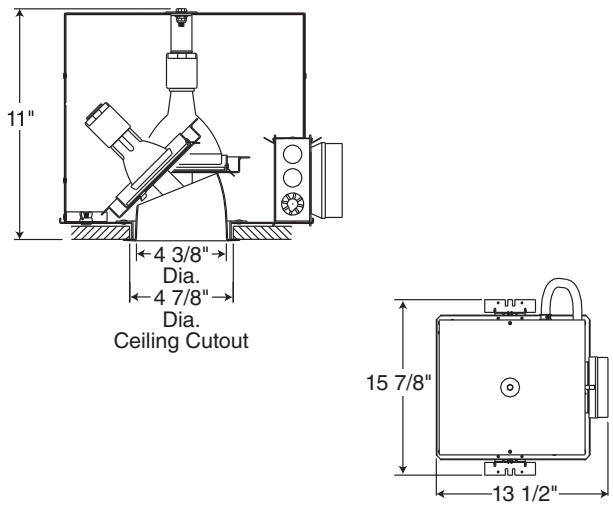
Lamp Shown with PAR20 and PAR30 lamps (by others)

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HAB4-39E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HAB4	39	E	SACSF	825
HAB4	**39**-39W, PAR20/30 **70**-70W, PAR30	**E**-120/277V Electronic	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



Accessories

To specify, order as additional item.
Example: **851-LVR-CF-B**

851-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

† Consult Factory for Availability

Designer Series HID | 6" PAR30/38 Metal Halide
Internally Adjustable Accent

Description
Internally adjustable accent light is designed for directional, focused lighting.

Features
Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard • Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

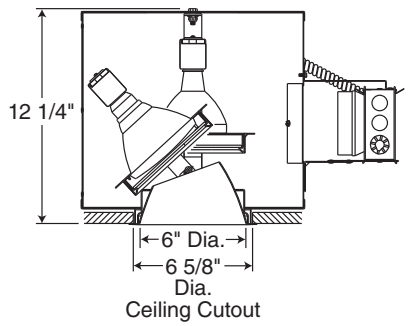
Lamp Shown with PAR38 lamp (by others)

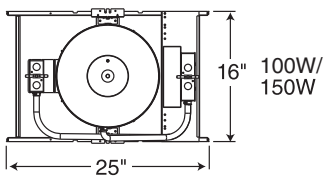
Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • UL spacing requirement for 150-watts: Minimum of 4' between fixture centers, 3" overhead clearance and 2' from fixture center to side wall

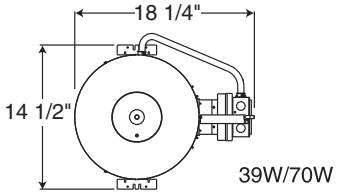
Ordering Information Example: **HAB6-70E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HAB6	70	E	SACSF	825
HAB6	**39**-39W, PAR30 **70**-70W, PAR30/38 **100**-100W, PAR38 Ⓔ **150**-150W, PAR38	**E**-120/277V Electronic (50/70/100W only) **E1**-120V Electronic (150W only) **E2**-277V Electronic (150W only)	**Alzak® Satin Finish Options** **SACSF**-Clear (std) **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions







† Consult Factory for Availability
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Accessories

To specify, order as additional item.
Example: **854-LVR-CF-B**

854-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

Designer Series HID | 8" PAR30/38 Metal Halide
Internally Adjustable Accent

Description
Internally adjustable accent light is designed for directional, focused lighting.

Features
Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard • Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

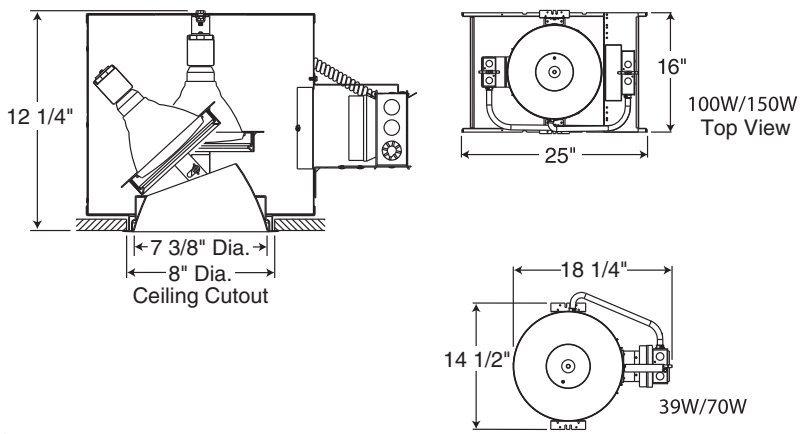
Lamp Shown with PAR38 lamp (by others)

Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • UL spacing requirement for 150-watts: Minimum of 4' between fixture centers, 3" overhead clearance and 2' from fixture center to side wall

Ordering Information Example: **HAB8-70E-SACSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HAB8	70	E	SACSF	825
HAB8	**39**-39W, PAR30 **70**-70W, PAR30/38 **100**-100W, PAR38 Ⓔ**150**-150W, PAR38	**E**-120/277V Electronic (39/70/100W only) **E1**-120V Electronic (150W only) **E2**-277V Electronic (150W only)	**Alzak® Satin Finish Options** **SACSF**-Clear (std) **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



† Consult Factory for Availability
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Accessories

To specify, order as additional item.
Example: **854-LVR-CF-B**

854-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® reflector is standard

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts, 1A, 750V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

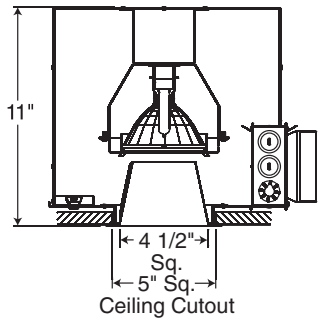
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

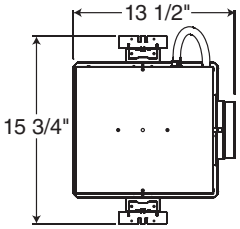
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HDSQ74-70E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HDSQ74	70	E	SATSF	825
HDSQ74	20 39 70	E-120/277V Electronic	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions





† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® reflector is standard

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts, 1A, 750V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

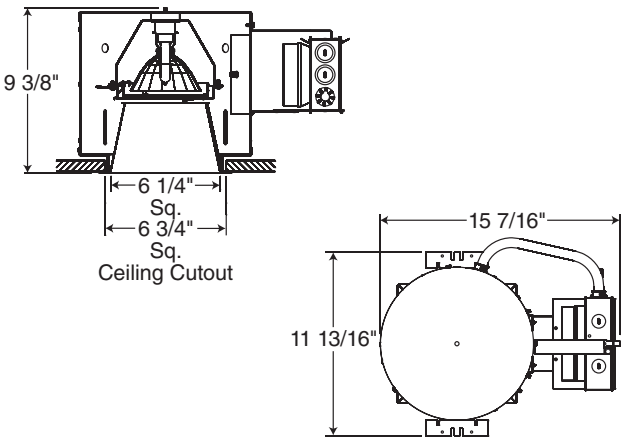
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HDSQ76-70E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HDSQ76	70	E	SATSF	825
HDSQ76	**20** **39** **70**	**E**-120/277V Electronic	**Alzak® Satin Finish Options** **SATSF▲**-Clear **CGTSF▲**-Champagne Gold **BATSF▲**-Black **PATSF▲**-Pewter **WTTSF▲**-Wheat **BRTSF▲**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® reflector is standard

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

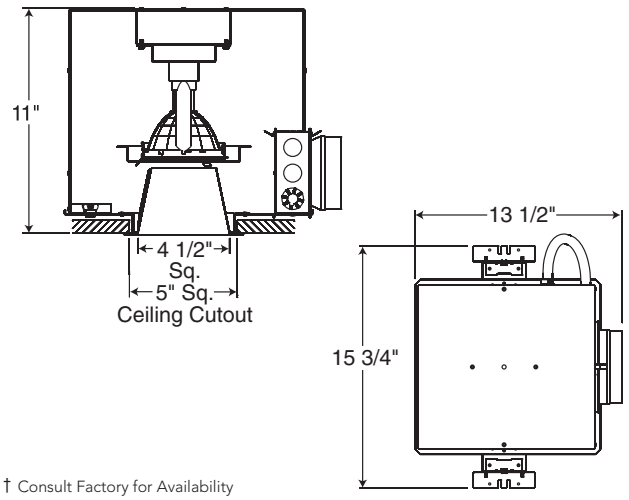
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HDSQ54-70E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HDSQ54	70	E	SATSF	825
HDSQ54	**20** **39** **70**	**E**-120/277V Electronic	**Alzak® Satin Finish Options** **SATSF▲**-Clear **CGTSF▲**-Champagne Gold **BATSF▲**-Black **PATSF▲**-Pewter **WTTSF▲**-Wheat **BRTSF▲**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Faceted, specular clear Alzak® reflector is standard

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

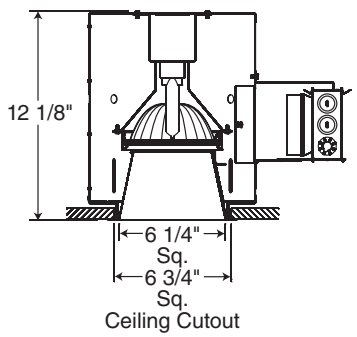
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

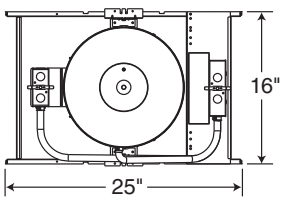
Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HDSQ56-39E-SATSF-825**

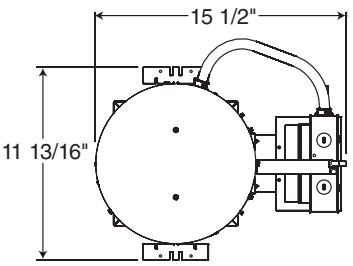
Model	Lamp Wattage	Ballast	Trim Options	Options
HDSQ56	39	E	SATSF	825
HDSQ56	20 39 70 Ⓔ150	E-120/277V Electronic (20/39/70W only) E1-120V Electronic (150W only) E2-277V Electronic (150W only)	**Alzak® Satin Finish Options** SATSF▲-Clear (std) CGTSF▲-Champagne Gold BATSF▲-Black PATSF▲-Pewter WTTSF▲-Wheat BRTSF▲-Bronze **Painted Finish Options** WHTF-White Cone	PF-Painted Flange Only (white) ***F-Fuse and Fuse Holder (Where *** = voltage) †CP-Chicago Plenum Approval 825-28" "C" Channel Mounting Bars (pair) †347-347 Volt

Dimensions





150W



39W/70W

† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Designer Series HID | 4" PAR20/30 Metal Halide Downlight

Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

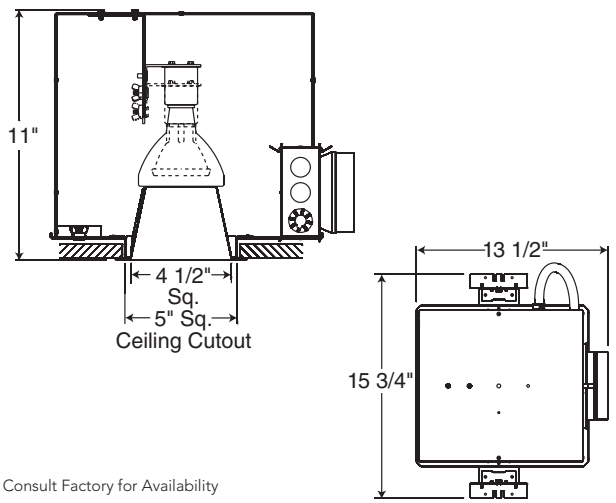
Lamp Shown with PAR20 and PAR30 metal halide lamp (by others) • Adjustable socket can be lowered to accommodate PAR20 lamp

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HDSQB4-39E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HDSQB4	39	E	SATSF	825
HDSQB4	**39**-39W, PAR20/30 **70**-70W, PAR30	**E**-120/277V Electronic	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series HID | 6" Sq. PAR30/38 Metal Halide Downlight

Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

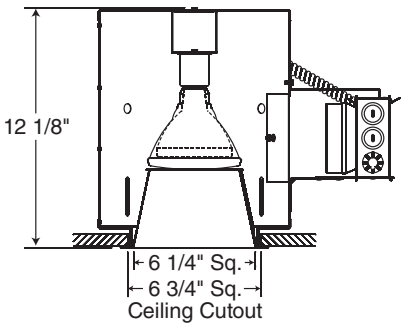
Lamp Shown with PAR30 and PAR38 metal halide lamp (by others)

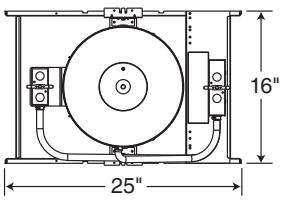
Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HDSQB6-150E1-SATSF-825**

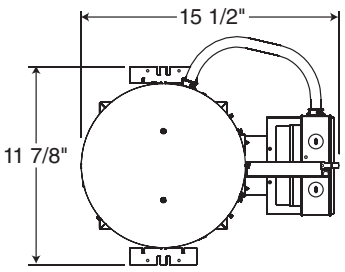
Model	Lamp Wattage	Ballast	Trim Options	Options
HDSQB6	150	E1	SATSF	825
HDSQB6	**39**-39W, PAR30 **70**-70W, PAR30/38 **100**-100W, PAR38 Ⓔ **150**-150W, PAR38	**E**-120/277V Electronic (39/70/100W only) **E1**-120V Electronic (150W only) **E2**-277V Electronic (150W only)	**Alzak® Satin Finish Options** **SATSF▲**-Clear (std) **CGTSF▲**-Champagne Gold **BATSF▲**-Black **PATSF▲**-Pewter **WTTSF▲**-Wheat **BRTSF▲**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions





100W/150W



39W/70W

† Consult Factory for Availability
▲ For Specular Trim, remove "S" (Example: SATF)
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Designer Series HID | 4" Sq. T-4 Metal Halide
Adjustable Accent

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Medium flood reflector is available; see options

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts, 1A, 750V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish • Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

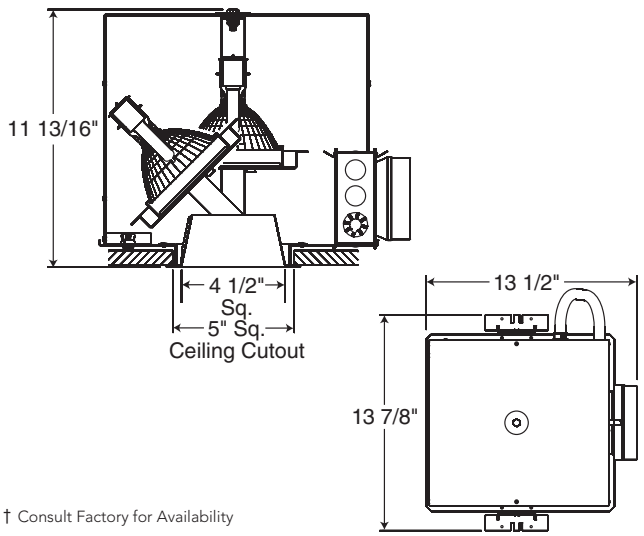
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HASQ74-70E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HASQ74	70	E	SATSF	825
HASQ74	20 39 70	E-120/277V Electronic	**Alzak® Satin Finish Options** **SATSF▲**-Clear **CGTSF▲**-Champagne Gold **BATSF▲**-Black **PATSF▲**-Pewter **WTTSF▲**-Wheat **BRTSF▲**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **MFL**-Medium Flood Reflector **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Accessories

To specify, order as additional item.
Example: **853-LVR-CF-B**

853-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

Designer Series HID | 6" Sq. T-4 Metal Halide
Adjustable Accent

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Medium flood reflector is available; see options

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts, 1A, 750V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish • Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

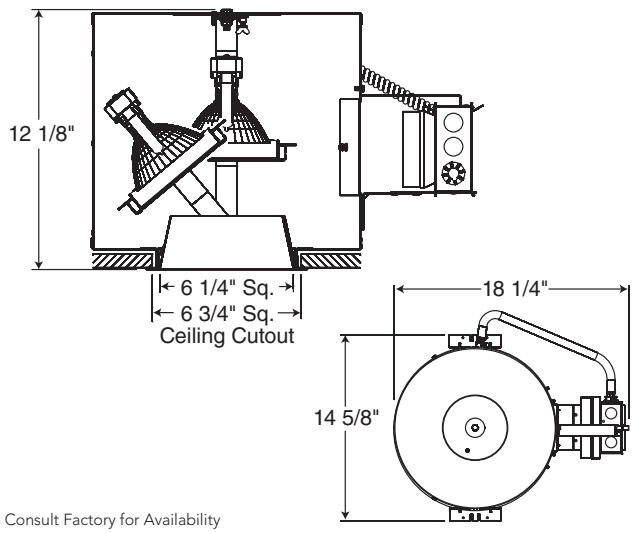
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HASQ76-70E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HASQ76	70	E	SATSF	825
HASQ76	**20** **39** **70**	**E**-120/277V Electronic	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **MFL**-Medium Flood Reflector **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Accessories

To specify, order as additional item.
Example: **852-LVR-CF-B**

852-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

Designer Series HID | 4" Sq. T-6 Metal Halide
Adjustable Accent

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Other beam distributions are available; see options

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish • Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

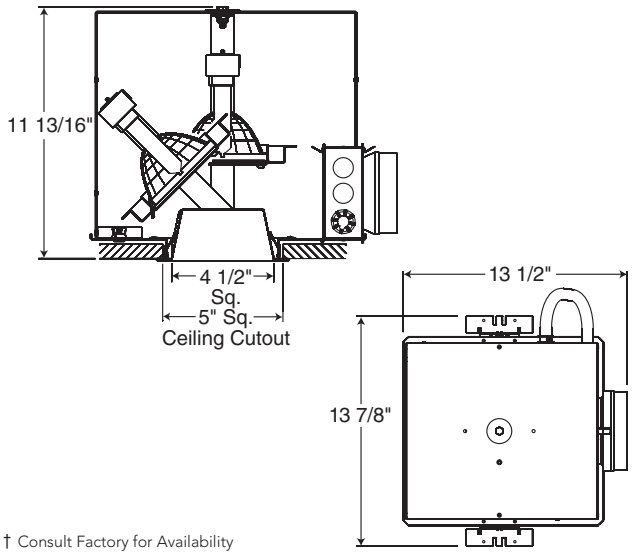
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HASQ54-70E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HASQ54	70	E	SATSF	825
HASQ54	20 39 70	E-120/277V Electronic	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) **FL**-Flood Reflector **MFL**-Medium Flood Reflector ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



† Consult Factory for Availability
▲ For Specular Trim, remove "S" (Example: SATF)

Accessories

To specify, order as additional item.
Example: **852-LVR-CF-B**

852-Accessory Holder
(Holds up to two accessories)
PGL-Prismatic Glass Lens
LSL-Linear Spread Lens
CF-Color Filter (specify color)
R – Red
P – Pink
B – Light Blue
MB – Medium Blue
A – Amber
B – Green
LVR-Louver

Designer Series HID | 6" Sq. T-6 Metal Halide
Internally Adjustable Accent

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Faceted, specular clear Alzak® spot reflector is standard • Other beam distributions are available; see options

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish • Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

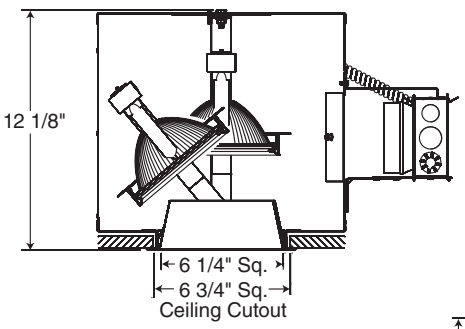
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

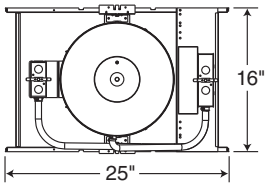
Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HASQ56-39E-SATSF-825**

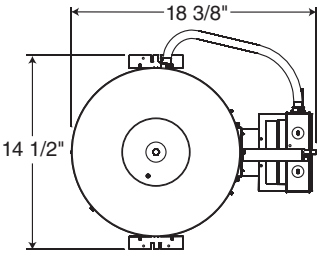
Model	Lamp Wattage	Ballast	Trim Options	Options
HASQ56	39	E	SATSF	825
HASQ56	**20** **39** **70** Ⓔ **150**	**E**-120/277V Electronic (20/39/70W only) **E1**-120V Electronic (150W only) **E2**-277V Electronic (150W only)	**Alzak® Satin Finish Options** **SATSF**▲-Clear (std) **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) **FL**-Flood Reflector **MFL**-Medium Flood Reflector ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions





150W



39W/70W

† Consult Factory for Availability
▲ For Specular Trim, remove "S" (Example: SATF)
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Accessories

To specify, order as additional item.
Example: **852-LVR-CF-B**

852-Accessory Holder
(Holds up to two accessories)
PGL-Prismatic Glass Lens
LSL-Linear Spread Lens
CF-Color Filter (specify color)
R – Red
P – Pink
B – Light Blue
MB – Medium Blue
A – Amber
B – Green
LVR-Louver

Designer Series HID | 4" Sq. PAR20/30 Metal Halide
Adjustable Accent

Description
Internally adjustable accent light is designed for directional, focused lighting.

Features
Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Fixture housing is cold rolled steel with black baked enamel finish • Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

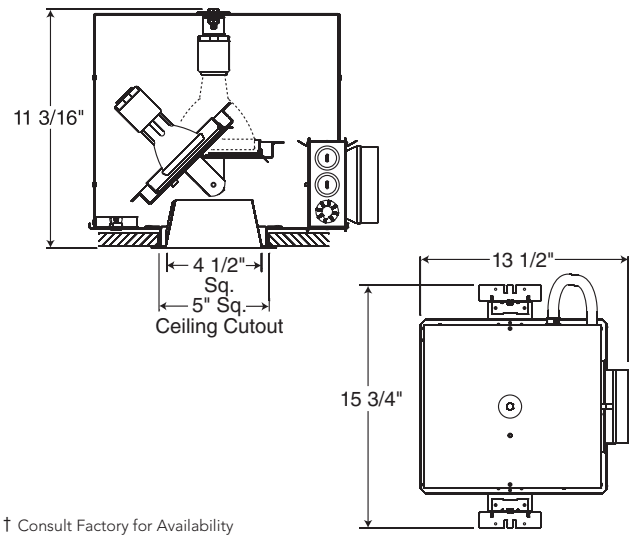
Lamp Shown with PAR20 and PAR30 metal halide lamp (by others) • Adjustable socket can be lowered to accommodate PAR20 lamp

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HASQB4-70E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HASQB4	70	E	SATSF	825
HASQB4	**39**-39W, PAR20/30 **70**-70W, PAR30	**E**-120/277V Electronic	**Alzak® Satin Finish Options** **SATSF▲**-Clear **CGTSF▲**-Champagne Gold **BATSF▲**-Black **PATSF▲**-Pewter **WTTSF▲**-Wheat **BRTSF▲**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Accessories

To specify, order as additional item.
Example: **851-LVR-CF-B**

851-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

Designer Series HID | 6" Sq. PAR30/38 Metal Halide
Internally Adjustable Accent

Description
Internally adjustable accent light is designed for directional, focused lighting.

Features
Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell

Mechanical Fixture housing is cold rolled steel with black baked enamel finish • Adjustable yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

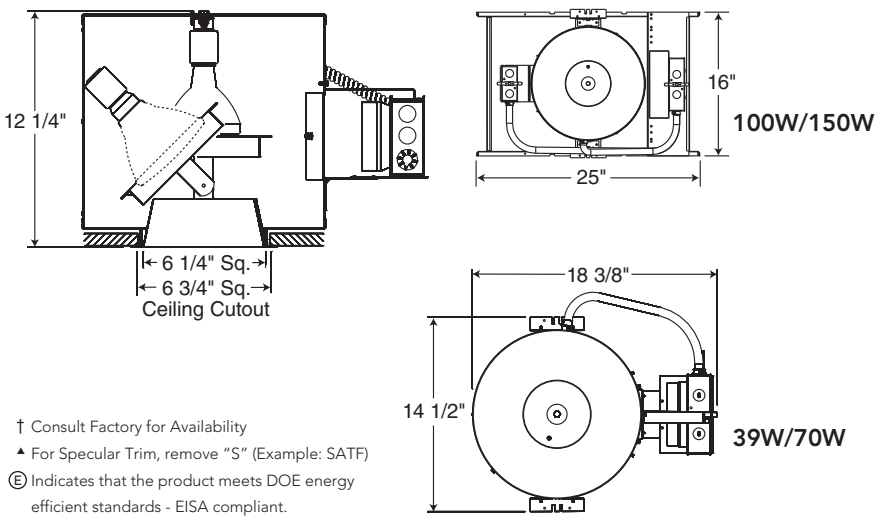
Lamp Shown with PAR30 and PAR38 metal halide lamp (by others)

Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HASQB6-150E1-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HASQB6	150	E1	SATSF	825
HASQB6	**39**-39W, PAR30 **70**-70W, PAR30/38 **100**-100W, PAR38 Ⓔ **150**-150W, PAR38	**E**-120/277V Electronic (39/70/100W only) **E1**-120V Electronic (150W only) **E2**-277V Electronic (150W only)	**Alzak® Satin Finish Options** **SATSF**▲-Clear (std) **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



† Consult Factory for Availability
▲ For Specular Trim, remove "S" (Example: SATF)
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Accessories

To specify, order as additional item.
Example: **854-LVR-CF-B**

854-Accessory Holder
(Holds up to two accessories)
PGL-Prismatic Glass Lens
LSL-Linear Spread Lens
CF-Color Filter (specify color)
R – Red
P – Pink
B – Light Blue
MB – Medium Blue
A – Amber
B – Green
LVR-Louver

Designer Series HID | 4" Sq. T-4 Metal Halide
Wall Wash

Description
Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker trim provides uniform, striation-free wash light with wide lateral distribution. Downlight and wall wash trims are interchangeable.

Features
Upper Reflector Faceted, specular clear Alzak® reflector is standard

Kicker Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts, 1A, 750V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

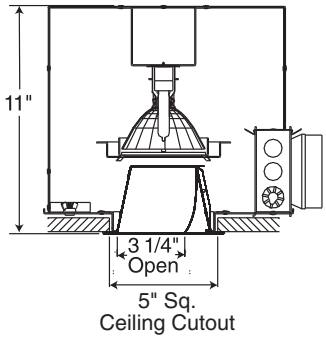
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

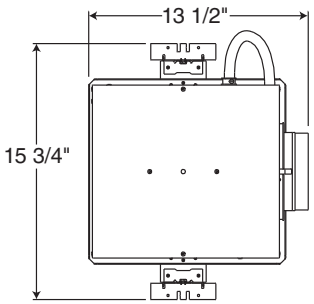
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HWSQ74-70E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HWSQ74	70	E	SATSF	825
HWSQ74	**20** **39** **70**	**E**-120/277V Electronic	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions





† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series HID | 6" Sq. T-4 Metal Halide
Wall Wash

Description
Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker trim provides uniform, striation-free wash light with wide lateral distribution. Downlight and wall wash trims are interchangeable.

Features
Upper Reflector Faceted, specular clear Alzak® reflector is standard

Kicker Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G8.5 bi-pin socket base with recessed female contacts, 1A, 750V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

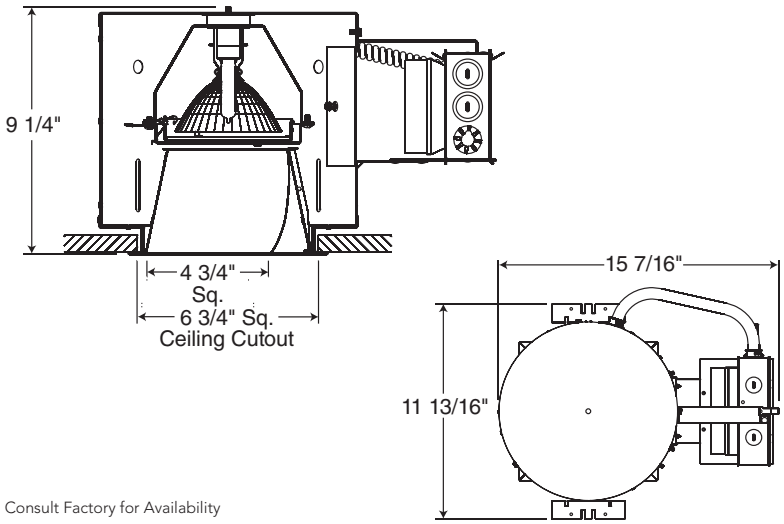
Lamp Shown with bi-pin base T-4.5 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HWSQ76-70E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HWSQ76	70	E	SATSF	825
HWSQ76	**20** **39** **70**	**E**-120/277V Electronic	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series HID | 4" Sq. T-6 Metal Halide
Wall Wash

Description
Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker trim provides uniform, striation-free wash light with wide lateral distribution. Downlight and wall wash trims are interchangeable.

Features
Upper Reflector Faceted, specular clear Alzak® reflector is standard

Kicker Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: 120/277V electronic solid state, HPF, reliable starting to -30° • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts, 660W, 600V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

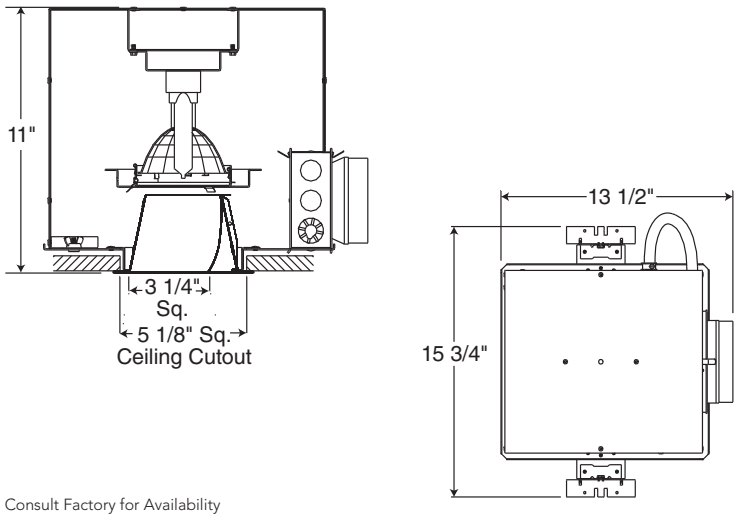
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HWSQ54-70E-SATSF-825**

Model	Lamp Wattage	Ballast	Trim Options	Options
HWSQ54	70	E	SATSF	825
HWSQ54	**20** **39** **70**	**E**-120/277V Electronic	**Alzak® Satin Finish Options** **SATSF▲**-Clear **CGTSF▲**-Champagne Gold **BATSF▲**-Black **PATSF▲**-Pewter **WTTSF▲**-Wheat **BRTSF▲**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series HID | 6" Sq. T-6 Metal Halide
Wall Wash

Description
Two-piece optical system maximizes lamp output while providing excellent glare control. Single wall kicker trim provides uniform, striation-free wash light with wide lateral distribution. Downlight and wall wash trims are interchangeable.

Features
Upper Reflector Faceted, specular clear Alzak® reflector is standard

Kicker Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see options

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200° C, SF-1 wire standard • Lamp holder: G12 socket base with heavy duty recessed female contacts, 660W, 600V, rated for 5kV pulse

Mechanical Fixture housing is cold rolled steel with black baked enamel finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

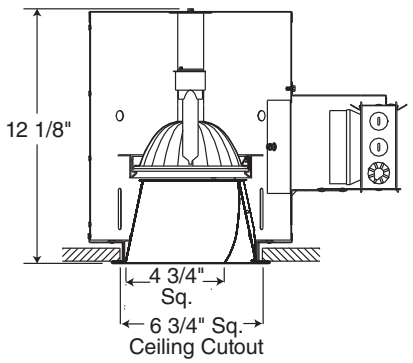
Lamp Shown with T-6 type ceramic metal halide lamp (by others) • Protective clear tempered glass lamp guard is standard

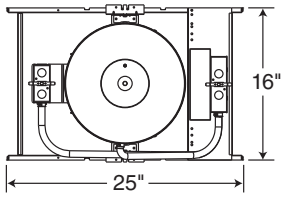
Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **HWSQ56-39E-SATSF-825**

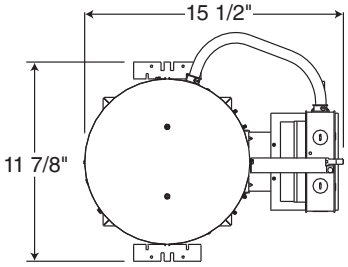
Model	Lamp Wattage	Ballast	Trim Options	Options
HWSQ56	39	E	SATSF	825
HWSQ56	**20** **39** **70** Ⓔ **150**	**E**-120/277V Electronic (20/39/70W only) **E1**-120V Electronic (150W only) **E2**-277V Electronic (150W only)	**Alzak® Satin Finish Options** **SATSF**▲-Clear (std) **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only (white) ***F**-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions





150W



39W/70W

† Consult Factory for Availability
▲ For Specular Trim, remove "S" (Example: SATF)
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Designer Series HID | 1' x 1' ED17 Metal Halide
Horizontal 1-Lamp Wall Wash

Description
Specialized kicker reflector provides very wide, striation-free wall wash distribution.

Features
Reflector Semi-specular clear Alzak® with low iridescent finish • Other Alzak® finishes are available; see options • Protective film dust guard

Electrical Ballast: Universal 120/277V electronic solid state, HPF, reliable starting to -30°C • Pre-wired junction box, thermal protection and 200°C, SF-1 wire standard • Lamp holder: medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell • Socket prevents the use of noncontainment type of metal halide lamps

Mechanical Housing and end-plates are heavy gauge die-formed cold rolled steel for strength and rigidity • Housing finish is baked white enamel • Heavy gauge steel mounting frame with black finish

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars

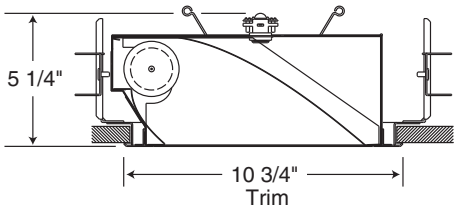
Lamp Shown with one (1) medium base coated ED-17 metal halide lamp (by others)

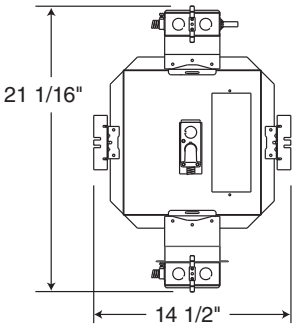
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **45SQ41-70E-SA-825**

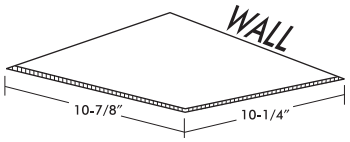
Model	Lamp Wattage	Ballast	Trim Options	Options
45SQ41	70	E	SA	825
45SQ41	**70** **100** Ⓔ **150**	**E**-ED17 Coated, Protected MH 120/277V Electronic (70/100W only) **E1**-120V Electronic (150W only) **E2**-277V Electronic (150W only)	**Alzak® Clear Finish Options** **SA**-Clear **CG**-Champagne Gold **BA**-Black **PA**-Pewter **WT**-Wheat **BR**-Bronze	***F-Fuse and Fuse Holder (Where *** = voltage) †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) †**347**-347 Volt

Dimensions





CEILING CUTOUT DIMENSIONS



† Consult Factory for Availability
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical Transformer: 277 Volt class 'H' insulated dry type autotransformer, 277V/115V, 150-watt U.L. approved • Maximum of 5.5 watts loss under no load • Lamp holder: medium base heavy duty porcelain socket with spring loaded center contact and nickel plated brass screw shell

Mechanical Housing: Heavy gauge steel with black baked enamel finish

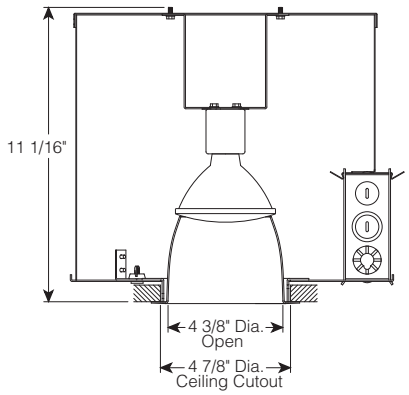
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

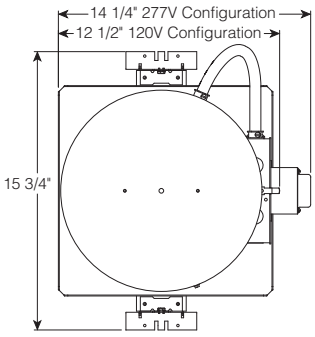
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **ID34-751-SACSF-825**

Model	Lamp Wattage	Trim Options	Options
ID34	751	SACSF	825
ID34	**751**-50-70W PAR30, 120V **752**-50-70W PAR30, 277V	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions





† Consult Factory for Availability

Accessories

To specify, order as additional item.
Example: **SCA4-20**

SCA4-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)

Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical Transformer: 277 Volt class 'H' insulated dry type autotransformer, 277V/115V, 150-watt U.L. approved • Maximum of 5.5 watts loss under no load • Lamp holder: medium base heavy duty porcelain socket with spring loaded center contact and nickel plated brass screw shell

Mechanical Housing: Heavy gauge steel with black baked enamel finish

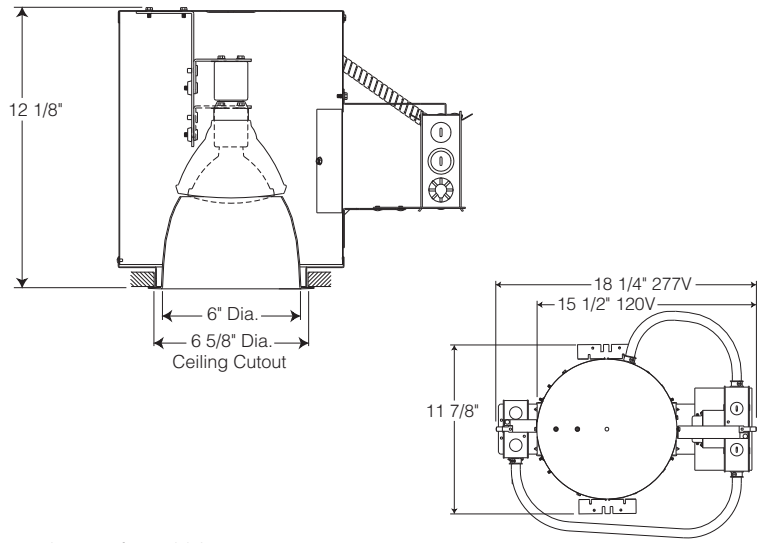
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **ID36-1501-SACSF-825**

Model	Lamp Wattage	Trim Options	Options
ID36	1501	SACSF	825
ID36	**1501**-50-70W PAR30, 45-150W PAR38; 120V **1502**-50-70W PAR30, 45-150W PAR38; 277V	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability

Accessories

To specify, order as additional item.
Example: **SCA6-20**

SCA6-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Reflector Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical Transformer: 277 Volt class 'H' insulated dry type autotransformer, 277V/115V, 150-watt U.L. approved • Maximum of 5.5 watts loss under no load • Lamp holder: medium base heavy duty porcelain socket with spring loaded center contact and nickel plated brass screw shell

Mechanical Housing: Cold rolled steel with black baked enamel finish

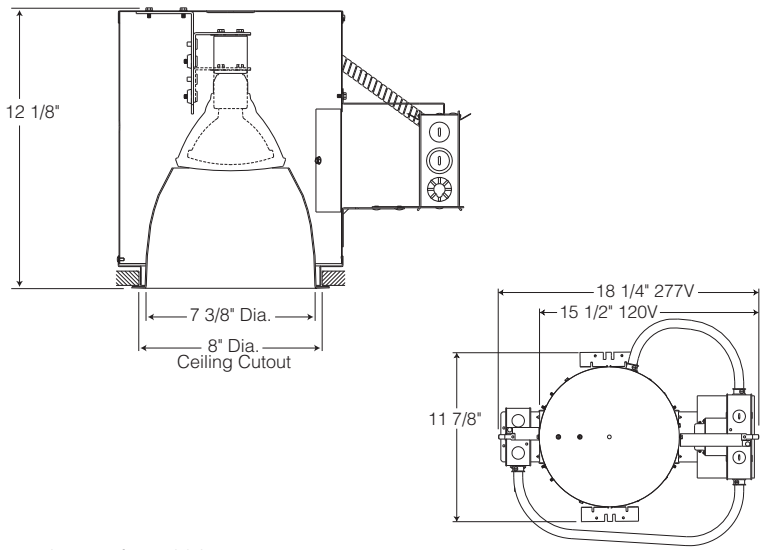
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Labels and Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: ID38-2501-SACSF-825

Model	Lamp Wattage	Trim Options	Options
ID38	2501	SACSF	825
ID38	**2501**-50/75W PAR30, 45-250W PAR38; 120V **1502**-50/75W PAR30, 45-150W PAR38; 120V **2502**-Q250W PAR38; 277V	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



Accessories
To specify, order as additional item.
Example: **SCA8-20**

SCA8-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)

† Consult Factory for Availability

Designer Series Incandescent | 8" T-4 Tungsten-Halogen Downlight

Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Upper Reflector Diffused, faceted Alzak® upper reflector available in narrow, medium and wide beam distributions • Design accommodates variations in lamp manufacturing tolerances without loss of efficiency or control

Shielding Protective heat tempered borosilicate glass lamp shield • Relamping: serviceable from above or below ceiling

Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical Lamp holder: mini-can screw base socket with corrosion resistant, high temperature type contacts

Mechanical Housing: Cold rolled steel with black baked enamel finish • Extruded aluminum socket housing with heat dissipating fins allows for operation well within U.L. temperature requirements

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Labels and Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • Fixture meets requirements for use in non-fire rated ceiling construction

Ordering Information Example: **ID58N-2501-SACSF-825**

Model	Lamp Wattage	Trim Options	Options
ID58N	2501	SACSF	825

ID58N Narrow Distribution

ID58M Medium Distribution

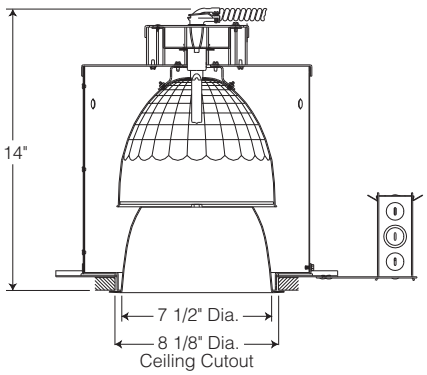
ID58W Wide Distribution

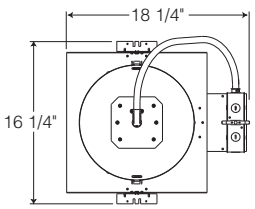
2501-250W T-4 Inside Frosted Tungsten Halogen, 120V
5001-500W T-4 Inside Frosted Tungsten Halogen, 120V

Alzak® Satin Finish Options
SACSF-Clear
CGCSF-Champagne Gold
BACSF-Black
PACSF-Pewter
WTCSF-Wheat
BRCSF-Bronze
Painted Finish Options
WHCF-White Cone
BKB-Black Multi Groove Baffle

PF-Painted Flange Only
F-Fuse and Fuse Holder
825-28" "C" Channel Mounting Bars (pair)

Dimensions





† Consult Factory for Availability

Accessories

To specify, order as additional item.
Example: **SCA8-20**

SCA8-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical Transformer: 277 Volt class 'H' insulated dry type autotransformer, 277V/115V, 150-watt U.L. approved • Maximum of 5.5 watts loss under no load • Lamp holder: medium base heavy duty porcelain socket with spring loaded center contact and nickel plated brass screw shell

Mechanical Housing: Heavy gauge steel with black baked enamel finish • Adjustability: Yoke assembly allows 355° rotation and up to 45° tilt of lamp

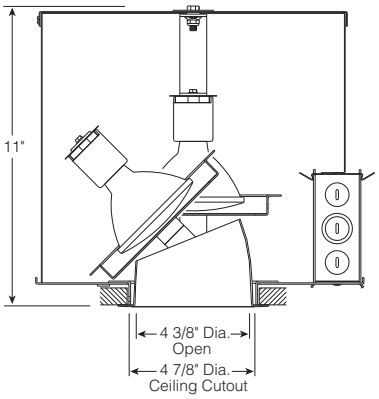
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

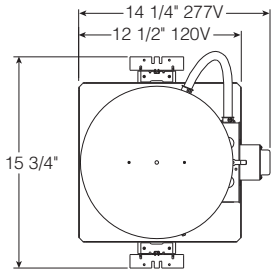
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **IA34-751-SACSF-825**

Model	Lamp Wattage	Trim Options	Options
IA34	751	SACSF	825
IA34	**751**-50-70W PAR30, 120V **752**-50-70W PAR30, 277V	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions





Accessories
To specify, order as additional item.
Example: **851-LVR-CF-B**

851-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

† Consult Factory for Availability

Designer Series Incandescent | 6" PAR30/38
Adjustable Accent

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical Transformer: 277 Volt class 'H' insulated dry type autotransformer, 277V/115V, 150-watt U.L. approved • Maximum of 5.5 watts loss under no load • Lamp holder: medium base heavy duty porcelain socket with spring loaded center contact and nickel plated brass screw shell

Mechanical Housing: Heavy gauge steel with black baked enamel finish • Adjustability: Yoke assembly allows 355° rotation and up to 45° tilt of lamp

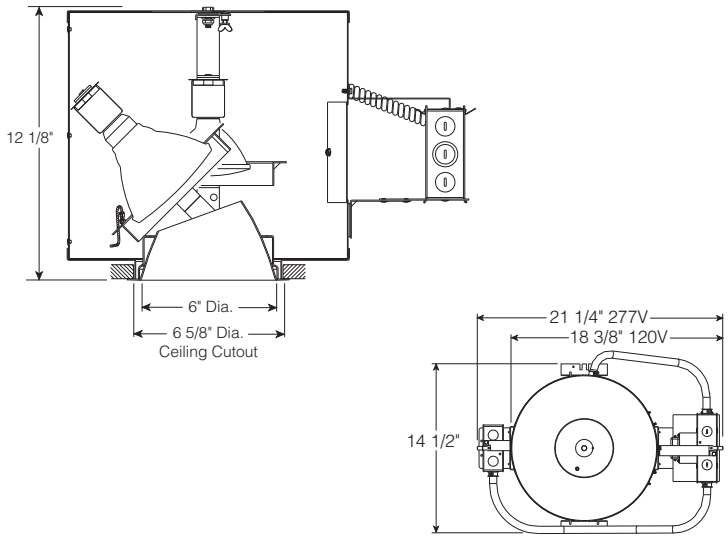
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **IA36-1501-SACSF-825**

Model	Lamp Wattage	Trim Options	Options
IA36	1501	SACSF	825
IA36	**1501**-50-70W PAR30, 45-150W PAR38; 120V **1502**-50-70W PAR30, 45-150W PAR38; 277V	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability

Accessories

To specify, order as additional item.
Example: **854-LVR-CF-B**

854-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

Designer Series Incandescent | 8" PAR30/38
Adjustable Accent

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Reflector Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical Transformer: 277 Volt class 'H' insulated dry type autotransformer, 277V/115V, 150-watt U.L. approved • Maximum of 5.5 watts loss under no load • Lamp holder: medium base heavy duty porcelain socket with spring loaded center contact and nickel plated brass screw shell

Mechanical Housing: Cold rolled steel with black baked enamel finish • Adjustability: Yoke assembly allows 355° rotation and up to 45° tilt of lamp

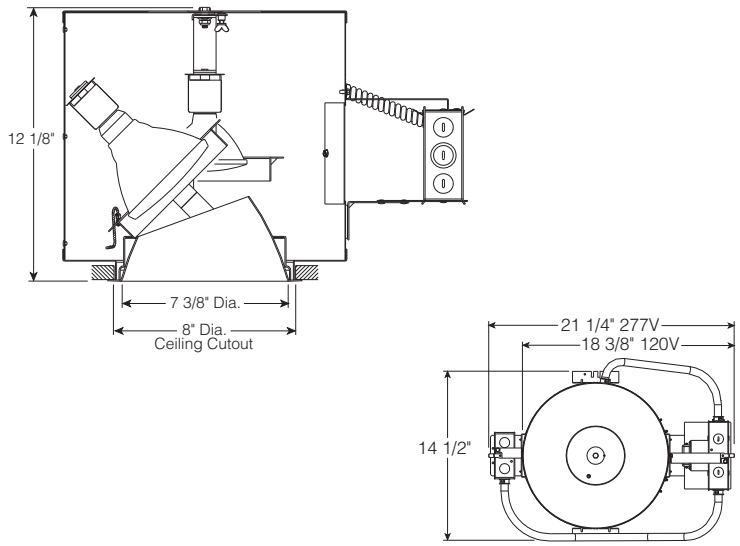
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **IA38-2501-SACSF-825**

Model	Lamp Wattage	Trim Options	Options
IA38	2501	SACSF	825
IA38	**2501**-50-75W PAR30, 45-250V PAR38; 120V **1502**-50-70W PAR30, 45-150V PAR38; 277V **2502**-Q250W PAR38; 277V	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability

Accessories
To specify, order as additional item.
Example: **854-LVR-CF-B**

854-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

Description
Internally adjustable accent light is designed for directional, focused lighting.

Features
Reflector Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical Lamp Holder: Mogal end prong base with white, unglazed porcelain body and heavy duty copper alloy, nickel plated brass screw shell • Lamp holder: Mogal end prong base with white, unglazed porcelain body and heavy duty copper alloy, nickel plated brass screw shell

Mechanical Housing: Cold rolled steel with black baked enamel finish • Adjustability: Yoke assembly allows 358° rotation and up to 35° tilt of lamp

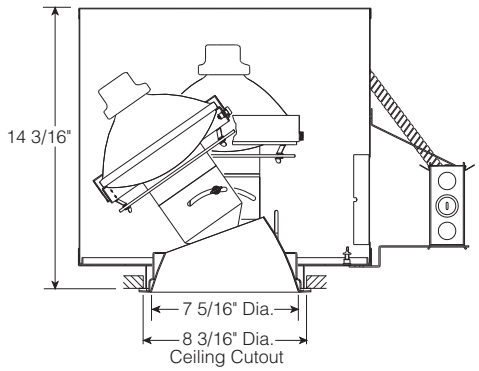
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

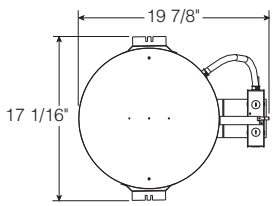
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **IA48-5001-SACSF-825**

Model	Lamp Wattage	Trim Options	Options
IA48	5001	SACSF	825
IA48	**5001**-500W PAR56; 120V **3001**-300W PAR56; 120V	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder **825**-28" "C" Channel Mounting Bars (pair)

Dimensions





Designer Series Incandescent | 8" T-4 Tungsten-Halogen
Adjustable Accent

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Upper Reflector Diffused, faceted Alzak® upper reflector available in narrow, medium and wide beam distributions • Design accommodates variations in lamp manufacturing tolerances without loss of efficiency or control

Shielding Protective heat tempered borosilicate glass lamp shield • Relamping: serviceable from above or below ceiling

Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical Lamp Holder: Mini-can screw base socket with corrosion resistant, high temperature type contacts

Mechanical Housing: Cold rolled steel with black baked enamel finish • Extruded aluminum socket housing with heat dissipating fins allows for operation well within U.L. temperature requirements

Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Labels and Listings UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made • Fixture meets requirements for use in non-fire rated ceiling construction

Ordering Information Example: **IA58N-2501-SACSF-825**

Model	Lamp Wattage	Trim Options	Options
IA58N	2501	SACSF	825

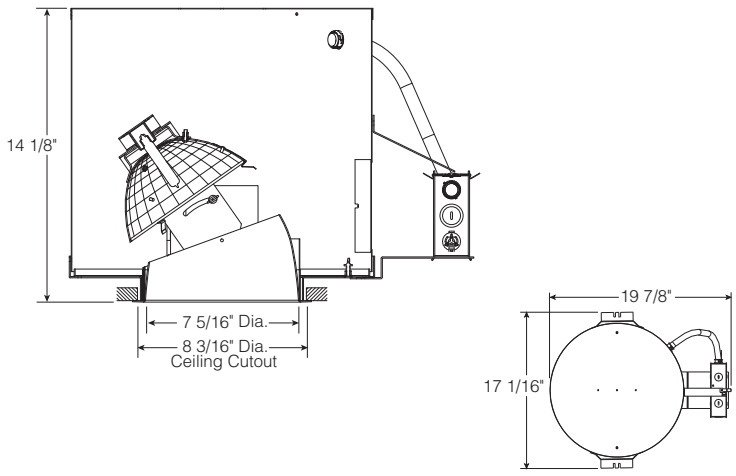
IA58N Narrow Distribution
IA58M Medium Distribution
IA58W Wide Distribution

2501-250W T-4 Inside Frosted Tungsten Halogen, 120V
5001-500W T-4 Inside Frosted Tungsten Halogen, 120V

Alzak® Satin Finish Options
SACSF-Clear
CGCSF-Champagne Gold
BACSF-Black
PACSF-Pewter
WTCSF-Wheat
BRCSF-Bronze
Painted Finish Options
WHCF-White Cone

PF-Painted Flange Only
F-Fuse and Fuse Holder
825-28" "C" Channel Mounting Bars (pair)
SC-Sloped Ceiling

Dimensions



Designer Series Low Voltage | 4" MR16 Low Voltage Downlight

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Lamp Guard Clear tempered glass

Electrical Integral class 'H' insulated dry type autotransformer, 120V/12V, 75VA or 277V/12V, 75VA U.L. Listed • Lamp holder: Ceramic bi-pin quartz socket with aluminum heat shield

Mechanical Housing: Heavy gauge spun aluminum

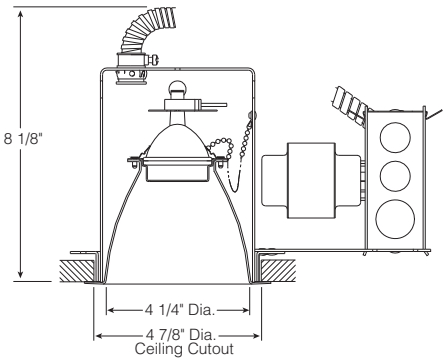
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

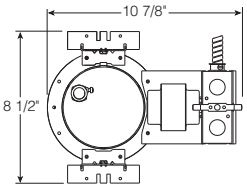
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **LD14-751-SACSF-825**

Model	Lamp Wattage	Trim Options	Options
LD14	751	SACSF	825
LD14	**751**-12V: 50-70W MR16, 120V **752**-12V: 50-70W MR16, 277V	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions





† Consult Factory for Availability

Accessories
To specify, order as additional item.
Example: **SCA4-20**

SCA4-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical Integral class 'H' insulated dry type autotransformer, 120V/12V, 75VA or 277V/12V, 75VA U.L. Listed • Lamp holder: D.C. Bayonet with 200°C, SF-1 leads

Mechanical Housing: Heavy gauge steel with black baked enamel finish • Adjustability: Yoke assembly allows 358° rotation and up to 45° tilt of lamp

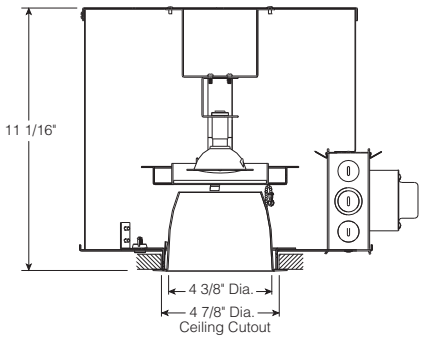
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

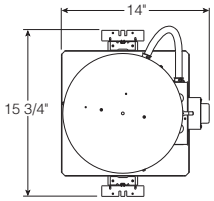
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **LD34-751-SACSF-825**

Model	Lamp Wattage	Trim Options	Options
LD34	751	SACSF	825
LD34	**751**-12V: 20-50W AR70, 120V **752**-12V: 20-50W AR70, 277V	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder **825**-28" "C" Channel Mounting Bars (pair)

Dimensions





Accessories
To specify, order as additional item.
Example: **SCA4-20**

SCA4-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Lower Cone Self-flanged, clear Alzak® (SACSF) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical Integral class 'H' insulated dry type autotransformer, 120V/12V, 75VA or 277V/12V, 75VA U.L. Listed • Lamp holder: Fork screw terminals with 200°C, SF-1 leads

Mechanical Housing: Housing: Heavy gauge steel with black baked enamel finish

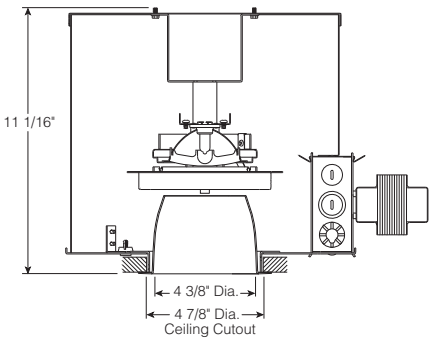
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

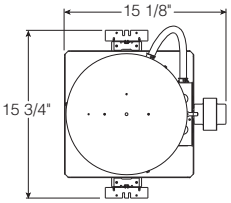
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **LD24-751-SACSF-825**

Model	Lamp Wattage	Trim Options	Options
LD24	751	SACSF	825
LD24	**751**-12V: 20-50W AR111, 120V **752**-12V: 20-50W AR111, 277V	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder **825**-28" "C" Channel Mounting Bars (pair)

Dimensions





Accessories
To specify, order as additional item.
Example: **SCA4-20**

SCA4-[*]-Sloped Ceiling Adapter
(*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°)

Designer Series Low Voltage | 4" MR16 Low Voltage Adjustable Accent

Description

Internally adjustable accent light is designed for directional, focused lighting.

Features

Lower Cone Self-flanged, clear Alzak® (SACS) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Lamp Guard Clear tempered glass

Electrical Integral class 'H' insulated dry type autotransformer, 120V/12V, 75VA or 277V/12V, 75VA U.L. Listed • Lamp holder: Ceramic bi-pin quartz socket with aluminum heat shield

Mechanical Housing: Cold rolled steel with black baked enamel finish • Adjustability: Yoke assembly allows 358° rotation and up to 45° tilt of lamp • Lamp assembly features screwdriver slot for aiming of lamp below ceiling with easy to read aiming scale • Rotation and tilt locking are standard • Trim Assembly: Integral cast aluminum designed to conceal ceiling cutout • White baked enamel finish

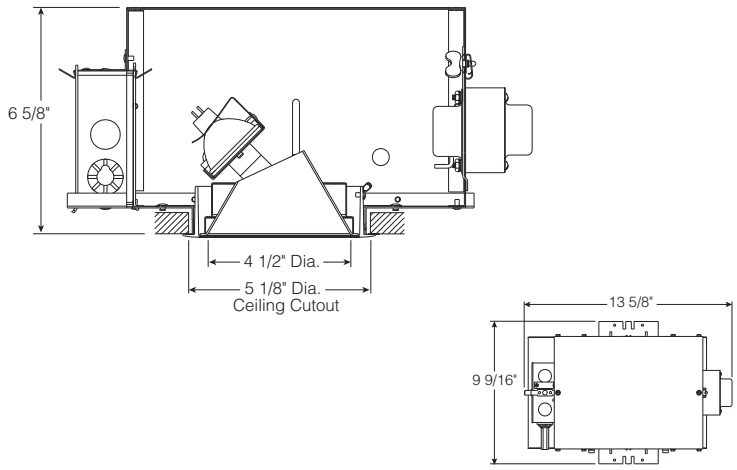
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **LA14-751-SACS-825**

Model	Lamp Wattage	Trim Options	Options
LA14	751	SACS	825
LA14	**751**-12V: 50-70W MR16, 120V **752**-12V: 50-70W MR16, 277V	**Alzak® Satin Finish Options** **SACS**-Clear **CGCS**-Champagne Gold **BACS**-Black **PACS**-Pewter **WTCS**-Wheat **BRCS**-Bronze **Painted Finish Options** **WHC**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) **-PGL**-Prismatic Glass Lens **-LSL**-Linear Spread Lens **-CF**-Color Filters (Specify Color) **R**-Red **LB**-Light Blue **MB**-Medium Blue **A**-Amber **G**-Green **-LVR**-Louver

Dimensions



† Consult Factory for Availability

Designer Series Low Voltage | 4" AR70 Low Voltage Adjustable Accent

Description

Internally adjustable accent light is designed for directional, focused lighting.

Features

Lower Cone Self-flanged, clear Alzak® (SACS) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical Integral class 'H' insulated dry type autotransformer, 120V/12V, 75VA or 277V/12V, 75VA U.L. Listed • Lamp holder: D.C. Bayonet with 200°C, SF-1 leads

Mechanical Housing: Heavy gauge steel with black baked enamel finish • Adjustability: Yoke assembly allows 358° rotation and up to 45° tilt of lamp

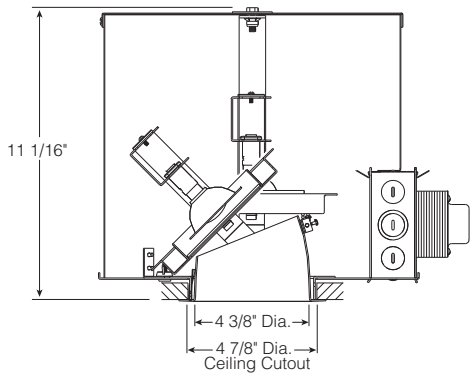
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

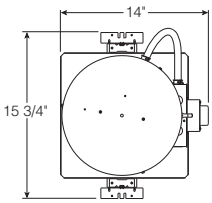
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **LA34-751-SACSF-825**

Model	Lamp Wattage	Trim Options	Options
LA34	751	SACSF	825
LA34	**751**-12V: 20-50W AR70, 120V **752**-12V: 20-50W AR70, 277V	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only ***F**-Fuse and Fuse Holder (Where *** = voltage) **825**-28" "C" Channel Mounting Bars (pair)

Dimensions





Accessories

To specify, order as additional item.
Example: **851-LSL-CF-B**

851-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

Designer Series Low Voltage | 4" AR111 Low Voltage Adjustable Accent

Description

Internally adjustable accent light is designed for directional, focused lighting.

Features

Lower Cone Self-flanged, clear Alzak® (SACS) satin cone with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical Integral class 'H' insulated dry type autotransformer, 120V/12V, 75VA or 277V/12V, 75VA U.L. Listed • Lamp holder: Fork screw terminals with 200°C, SF-1 leads

Mechanical Housing: Cold rolled steel with black baked enamel finish • Adjustability: Yoke assembly allows 358° rotation and up to 45° tilt of lamp • Lamp assembly features screwdriver slot for aiming of lamp below ceiling with easy to read aiming scale • Rotation and tilt locking are standard • Trim Assembly: Integral cast aluminum designed to conceal ceiling cutout • White baked enamel finish

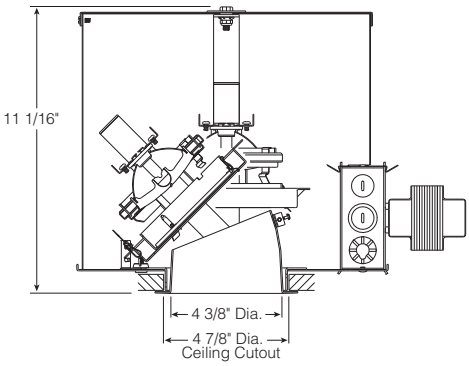
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

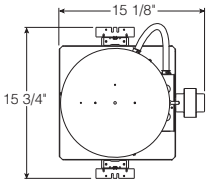
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **LA24-1001-SACSF-825**

Model	Lamp Wattage	Trim Options	Options
LA24	1001	SACSF	825
LA24	**1001**-12V: 35-100W AR111, 120V **1001**-12V: 35-100W AR111, 277V	**Alzak® Satin Finish Options** **SACSF**-Clear **CGCSF**-Champagne Gold **BACSF**-Black **PACSF**-Pewter **WTCSF**-Wheat **BRCSF**-Bronze **Painted Finish Options** **WHCF**-White Cone	**PF**-Painted Flange Only ***F**-Fuse and Fuse Holder (Where *** = voltage) **825**-28" "C" Channel Mounting Bars (pair)

Dimensions





Accessories

To specify, order as additional item.
Example: **851-LSL-CF-B**

851-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Lower Trim Self-flanged, specular clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical 277 Volt class 'H' insulated dry type autotransformer, 277V/115V, 150-watt U.L. approved • Maximum of 5.5 watts loss under no load • Lamp holder: medium base heavy duty porcelain socket with spring loaded center contact and nickel plated brass screw shell

Mechanical Housing: Heavy gauge steel with black baked enamel finish

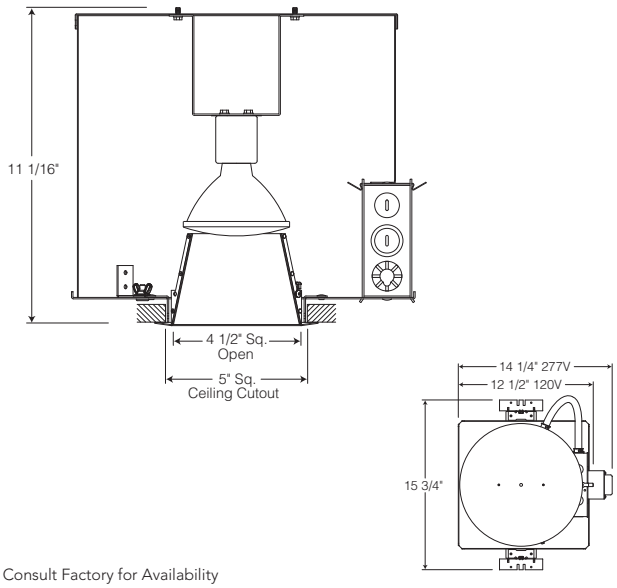
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **IDSQ34-751-SATSF-825**

Model	Lamp Wattage	Trim Options	Options
IDSQ34	751	SATSF	825
IDSQ34	**751**-50-75W PAR30, 120V **752**-50-75W PAR30, 277V	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Lower Trim Self-flanged, specular clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical 277 Volt class 'H' insulated dry type autotransformer, 277V/115V, 150-watt U.L. approved • Maximum of 5.5 watts loss under no load • Lamp holder: medium base heavy duty porcelain socket with spring loaded center contact and nickel plated brass screw shell

Mechanical Housing: Heavy gauge steel with black baked enamel finish • Adjustable socket can be lowered to accommodate PAR30 lamp

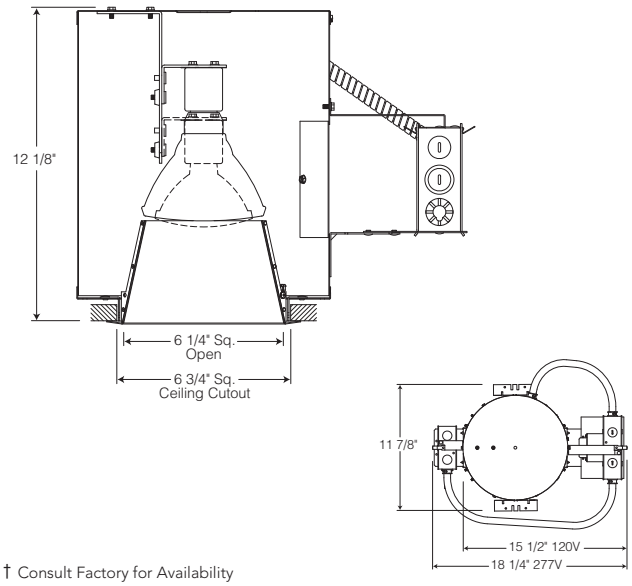
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **IDSQ36-1501-SATSF-825**

Model	Lamp Wattage	Trim Options	Options
IDSQ36	1501	SATSF	825
IDSQ36	**1501**-50-75W PAR30, 45-150W PAR38, 120V **1502**-50-75W PAR30, 45-150W PAR38, 277V	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series Incandescent | 6" Sq. T-4 Tungsten-Halogen Downlight

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Lower Trim Self-flanged, specular clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Reflector Faceted specular Alzak® upper reflector • Design accommodates variations in lamp manufacturing tolerances without loss of efficiency or control

Shielding Tempered prismatic glass lamp shield

Electrical Lamp Holder: Mini-can screw base socket with corrosion resistant, high temperature type contacts

Mechanical Housing: Heavy gauge steel with black baked enamel finish

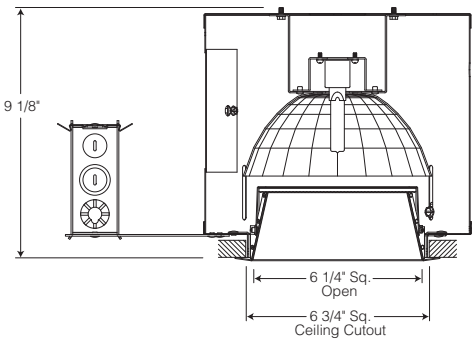
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

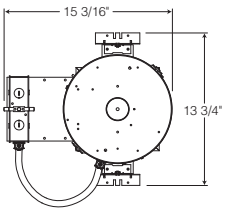
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **IDSQ56-1501-SATSF-825**

Model	Lamp Wattage	Trim Options	Options
IDSQ56	1501	SATSF	825
IDSQ56	**1501**-100-150W T-4 Inside Frosted Tungsten-Halogen; 120V **2501**-250W T-4 Inside Frosted Tungsten-Halogen; 120V	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder **825**-28" "C" Channel Mounting Bars (pair)

Dimensions





† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series Incandescent | 4" Sq. PAR30
Adjustable Accent

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Lower Trim Self-flanged, specular clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical 277 Volt class 'H' insulated dry type autotransformer, 277V/115V, 150-watt U.L. approved • Maximum of 5.5 watts loss under no load • Lamp holder: medium base heavy duty porcelain socket with spring loaded center contact and nickel plated brass screw shell

Mechanical Housing: Heavy gauge steel with black baked enamel finish • Adjustability: Yoke assembly allows 355° rotation and up to 45° tilt of lamp

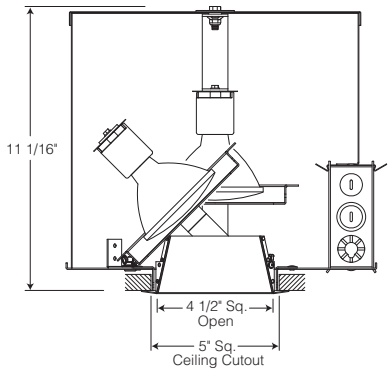
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

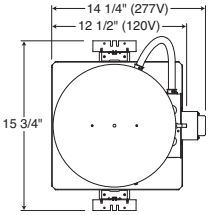
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **IASQ34-751-SATSF-825**

Model	Lamp Wattage	Trim Options	Options
IASQ34	751	SATSF	825
IASQ34	**751**-50-75W PAR30, 120V **752**-50-75W PAR30, 277V	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions





Accessories

To specify, order as additional item.
Example: **851-LVR-CF-B**

851-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

† Consult Factory for Availability
▲ For Specular Trim, remove "S" (Example: SATF)

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Lower Trim Self-flanged, specular clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical 277 Volt class 'H' insulated dry type autotransformer, 277V/115V, 150-watt U.L. approved • Maximum of 5.5 watts loss under no load • Lamp holder: medium base heavy duty porcelain socket with spring loaded center contact and nickel plated brass screw shell

Mechanical Housing: Heavy gauge steel with black baked enamel finish • Adjustability: Yoke assembly allows 355° rotation and up to 45° tilt of lamp

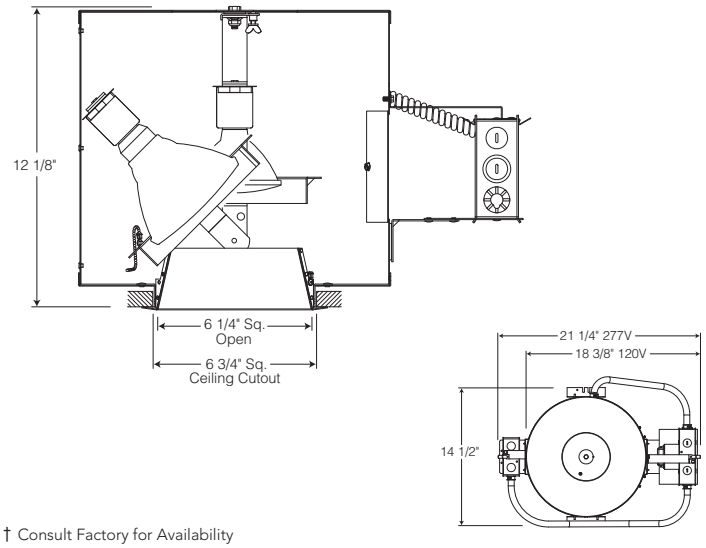
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **IASQ36-1501-SATSF-825**

Model	Lamp Wattage	Trim Options	Options
IASQ36	1501	SATSF	825
IASQ36	**1501**-50-75W PAR30, 45-150W PAR38, 120V **1502**-50-75W PAR30, 45-150W PAR38, 277V	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Accessories
To specify, order as additional item.
Example: **851-LVR-CF-B**

851-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

Designer Series Incandescent | 6" Sq. T-4 Tungsten-Halogen Adjustable Accent

Description

Internally adjustable accent light is designed for directional, focused lighting.

Features

Lower Trim Self-flanged, specular clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Reflector Faceted specular Alzak® upper reflector • Design accommodates variations in lamp manufacturing tolerances without loss of efficiency or control

Shielding Tempered prismatic glass lamp shield

Electrical Lamp Holder: Mini-can screw base socket with corrosion resistant, high temperature type contacts

Mechanical Housing: Heavy gauge steel with black baked enamel finish • Adjustability: Yoke assembly allows 355° rotation and up to 45° tilt of lamp

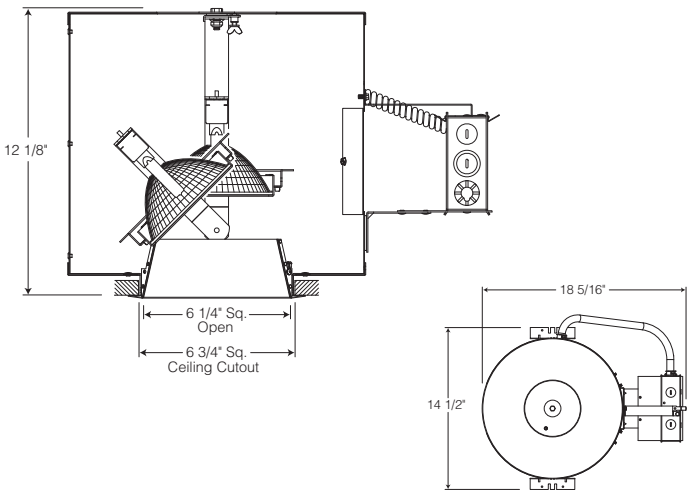
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **IASQ56-1501-SATSF-825**

Model	Lamp Wattage	Trim Options	Options
IASQ56	1501	SATSF	825
IASQ56N Narrow Distribution	**1501**-100-150W T-4 Inside Clear Tungsten-Halogen; 120V	**Alzak® Satin Finish Options** **SATSF▲**-Clear **CGTSF▲**-Champagne Gold **BATSF▲**-Black **PATSF▲**-Pewter **WTTSF▲**-Wheat **BRTSF▲**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder **825**-28" "C" Channel Mounting Bars (pair)
IASQ56M Medium Distribution			
IASQ56W Wide Distribution			

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Lower Trim Self-flanged, specular clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical 277 Volt class 'H' insulated dry type autotransformer, 277V/115V, 150-watt U.L. approved • Maximum of 5.5 watts loss under no load • Lamp holder: medium base heavy duty porcelain socket with spring loaded center contact and nickel plated brass screw shell

Mechanical Housing: Heavy gauge steel with black baked enamel finish

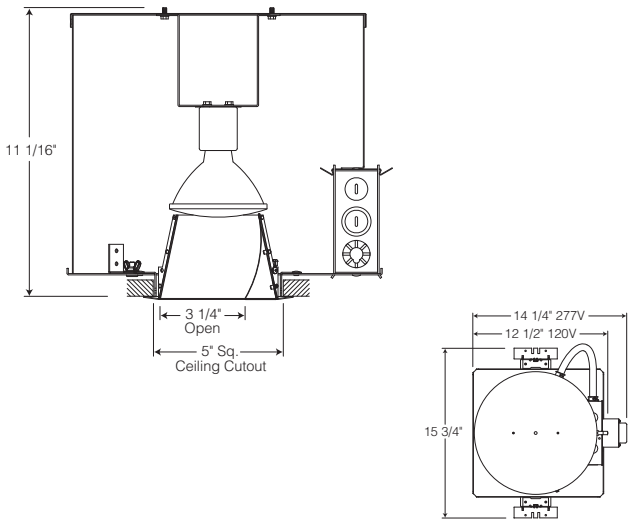
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: IWSQ34-751-SATSF-825

Model	Lamp Wattage	Trim Options	Options
IWSQ34	751	SATSF	825
IWSQ34	**751**-50-75W PAR30, 120V **752**-50-75W PAR30, 277V	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Lower Trim Self-flanged, specular clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical 277 Volt class 'H' insulated dry type autotransformer, 277V/115V, 150-watt U.L. approved • Maximum of 5.5 watts loss under no load • Lamp holder: medium base heavy duty porcelain socket with spring loaded center contact and nickel plated brass screw shell

Mechanical Housing: Heavy gauge steel with black baked enamel finish • Adjustable socket can be lowered to accommodate PAR30 lamp

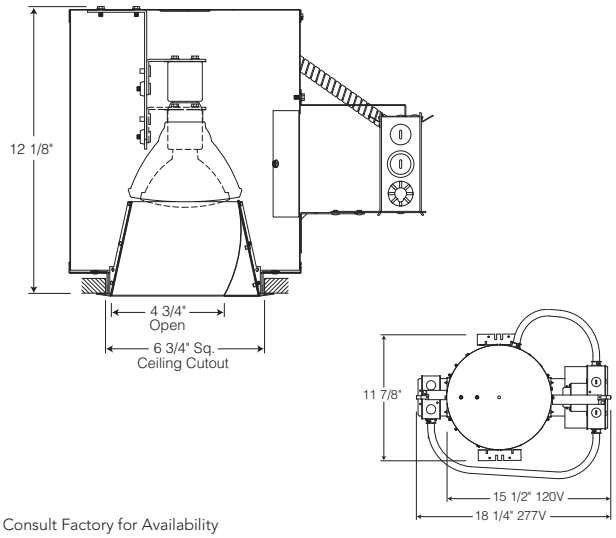
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **IWSQ36-1501-SATSF-825**

Model	Lamp Wattage	Trim Options	Options
IWSQ36	1501	SATSF	825
IWSQ36	**1501**-50-75W PAR30, 45-150W PAR38, 120V **1502**-50-75W PAR30, 45-150W PAR38, 277V	**Alzak® Satin Finish Options** **SATSF▲**-Clear **CGTSF▲**-Champagne Gold **BATSF▲**-Black **PATSF▲**-Pewter **WTTSF▲**-Wheat **BRTSF▲**-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series Incandescent | 6" Sq. T-4 Tungsten-Halogen Wall Wash

Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Lower Trim Self-flanged, specular clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Upper Reflector Faceted specular Alzak® upper reflector • Design accommodates variations in lamp manufacturing tolerances without loss of efficiency or control

Shielding Tempered prismatic glass lamp shield

Electrical Lamp Holder: Mini-can screw base socket with corrosion resistant, high temperature type contacts

Mechanical Housing: Heavy gauge steel with black baked enamel finish

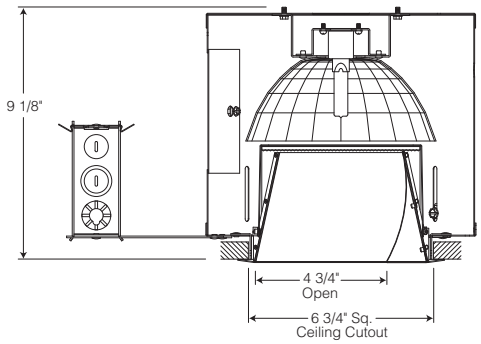
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

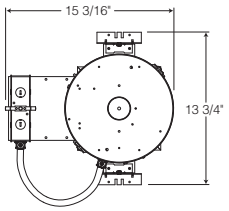
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **IWSQ56-1501-SATSF-825**

Model	Lamp Wattage	Trim Options	Options
IWSQ56	1501	SATSF	825
IWSQ56	**1501**-100-150W T-4 Inside Frosted Tungsten-Halogen; 120V	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder **825**-28" "C" Channel Mounting Bars (pair)

Dimensions





† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series Low Voltage | 4" Sq. MR16 Low Voltage Downlight

Description

Two-piece optical system maximizes lamp output while providing excellent glare control.

Features

Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Lamp Guard Clear tempered glass

Electrical Integral class 'H' insulated dry type autotransformer, 120V/12V, 75VA or 277V/12V, 75VA U.L. Listed • Lamp holder: Ceramic bi-pin quartz socket with aluminum heat shield

Mechanical Housing: Cold rolled steel with black baked enamel finish

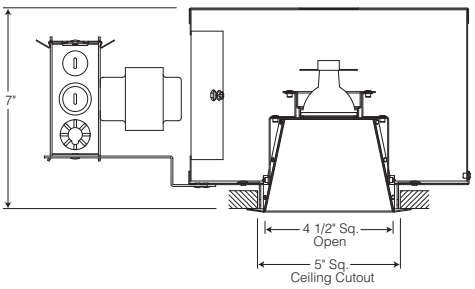
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

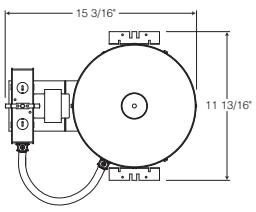
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **LDSQ14-751-SATSF-825**

Model	Lamp Wattage	Trim Options	Options
LDSQ14	751	SATSF	825
LDSQ14	**751**-12V: 50-75W MR16, 120V **752**-12V: 50-75W MR16, 277V	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions





† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical Integral class 'H' insulated dry type autotransformer, 120V/12V, 75VA or 277V/12V, 75VA U.L. Listed • Lamp holder: D.C. Bayonet with 200°C, SF-1 leads

Mechanical Housing: Heavy gauge steel with black baked enamel finish

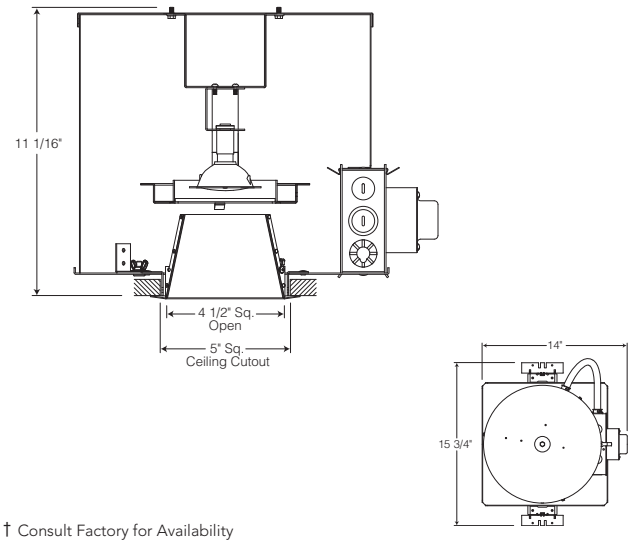
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **LDSQ34-751-SATSF-825**

Model	Lamp Wattage	Trim Options	Options
LDSQ34	751	SATSF	825
LDSQ34	**751**-12V, 20-50W AR70, 120V **752**-12V, 20-50W AR70, 277V	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability
▲ For Specular Trim, remove "S" (Example: SATF)

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Lower Trim Self-flanged, clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical Integral class 'H' insulated dry type autotransformer, 120V/12V, 75VA or 277V/12V, 75VA U.L. Listed • Lamp holder: Fork screw terminals with 200°C, SF-1 leads

Mechanical Housing: Heavy gauge steel with black baked enamel finish

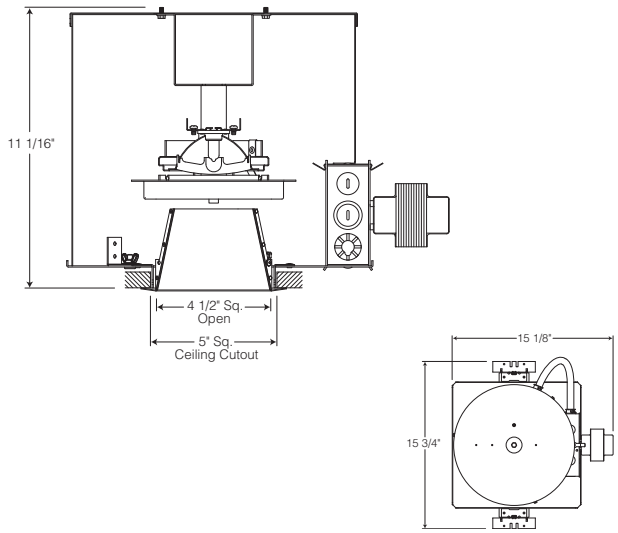
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **LDSQ24-1001-SATSF-825**

Model	Lamp Wattage	Trim Options	Options
LDSQ24	1001	SATSF	825
LDSQ24	**1001**-12V, 35-100W AR111, 120V **1002**-12V, 35-100W AR111, 277V	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series Low Voltage | 4" Sq. MR16 Low Voltage Adjustable Accent

Description
Internally adjustable accent light is designed for directional, focused lighting.

Features
Lower Trim Self-flanged, specular clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical Integral class 'H' insulated dry type autotransformer, 120V/12V, 75VA or 277V/12V, 75VA U.L. Listed • Lamp holder: Ceramic bi-pin quartz socket with aluminum heat shield

Mechanical Housing: Heavy gauge steel with black baked enamel finish • Adjustability: Yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard

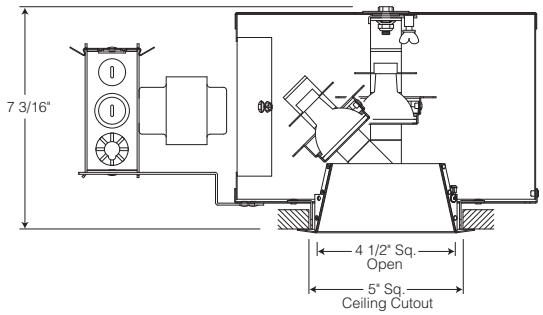
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

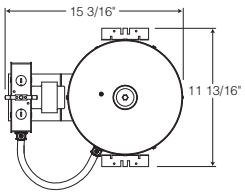
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **LASQ14-751-SATSF-825**

Model	Lamp Wattage	Trim Options	Options
LASQ14	751	SATSF	825
LASQ14	**751**-12V: 50-75W MR16, 120V **752**-12V: 50-75W MR16, 277V	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair) **-PGL**-Prismatic Glass Lens **-LSL**-Linear Spread Lens **-CF**-Color Filters (Specify Color) **R**-Red **LB**-Light Blue **MB**-Medium Blue **A**-Amber **G**-Green **-LVR**-Louver

Dimensions





† Consult Factory for Availability

▲ For Specular Trim, remove "S" (Example: SATF)

Designer Series Low Voltage | 4" Sq. AR70 Low Voltage Adjustable Accent

Description

Internally adjustable accent light is designed for directional, focused lighting.

Features

Lower Trim Self-flanged, specular clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical Integral class 'H' insulated dry type autotransformer, 120V/12V, 75VA or 277V/12V, 75VA U.L. Listed • Lamp holder: D.C. Bayonet with 200°C, SF-1 leads

Mechanical Housing: Heavy gauge steel with black baked enamel finish • Adjustability: Yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard

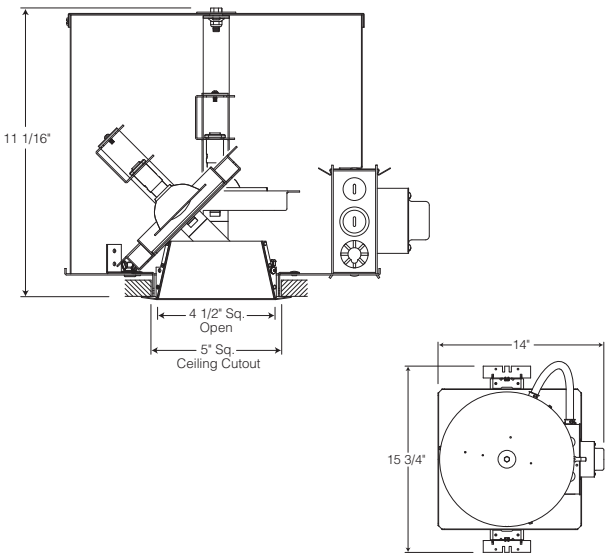
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **LASQ34-751-SATSF-825**

Model	Lamp Wattage	Trim Options	Options
LASQ34	751	SATSF	825
LASQ34	**751**-12V, 20-50W AR70, 120V **752**-12V, 20-50W AR70, 277V	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



Accessories

To specify, order as additional item.
Example: **851-LVR-CF-B**

851-Accessory Holder
(Holds up to two accessories)
- **PGL**-Prismatic Glass Lens
- **LSL**-Linear Spread Lens
- **CF**-Color Filter (specify color)
  - R – Red
  - P – Pink
  - B – Light Blue
  - MB – Medium Blue
  - A – Amber
  - B – Green
- **LVR**-Louver

▲ For Specular Trim, remove "S" (Example: SATF)

Description
Internally adjustable accent light is designed for directional, focused lighting.

Features
Lower Trim Self-flanged, specular clear Alzak® (SATSF) satin trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options

Electrical Integral class 'H' insulated dry type autotransformer, 120V/12V, 75VA or 277V/12V, 75VA U.L. Listed • Lamp holder: Fork screw terminals with 200°C, SF-1 leads

Mechanical Housing: Heavy gauge steel with black baked enamel finish • Adjustability: Yoke assembly allows 355° rotation and up to 45° tilt of lamp • Rotation and tilt locking are standard

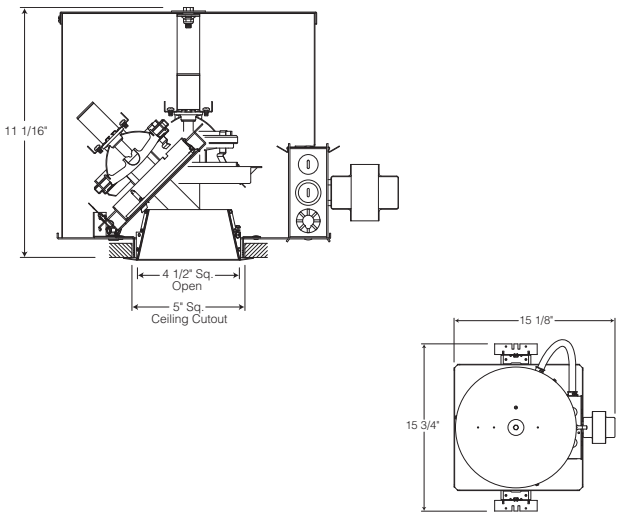
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **LASQ24-1001-SATSF-825**

Model	Lamp Wattage	Trim Options	Options
LASQ24	1001	SATSF	825
LASQ24	**1001**-12V, 35-100W AR111, 120V **1002**-12V, 35-100W AR111, 277V	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



▲ For Specular Trim, remove "S" (Example: SATF)

Description
Two-piece optical system maximizes lamp output while providing excellent glare control.

Features
Lower Trim Self-flanged, specular clear Alzak® (SATSF) satin wallwash trim with low iridescent finish is standard • Other Alzak® satin finishes are available; see trim options • Single wall kicker trim provides uniform, striation-free wash light with wide lateral distribution. The wallwash trim is interchangeable with the downlight, while maintaining fixture performance

Lamp Guard Tempered uniformity glass lens provides smooth distribution

Electrical Integral class 'H' insulated dry type autotransformer, 120V/12V, 75VA or 277V/12V, 75VA U.L. Listed • Lamp holder: Ceramic bi-pin quartz socket with aluminum heat shield

Mechanical Housing: Heavy gauge steel with black baked enamel finish

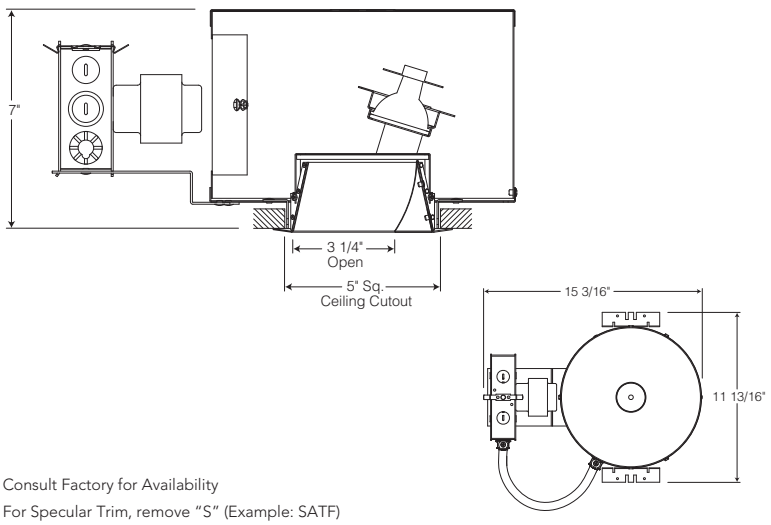
Mounting Adjustable mounting brackets accept 1 1/2" "C" channel mounting bars • Indy Tru-Lock grid ceiling bar hangers are supplied standard • For non-accessible ceilings add suffix "825" for 28" "C" channel mounting bars • 3/4" maximum ceiling thickness. Trim collar is available for thicker ceilings; consult factory

Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **LWSQ14-751-SATSF-825**

Model	Lamp Wattage	Trim Options	Options
LWSQ14	751	SATSF	825
LWSQ14	**751**-12V: 50-75W MR16, 120V **752**-12V: 50-75W MR16, 277V	**Alzak® Satin Finish Options** **SATSF**▲-Clear **CGTSF**▲-Champagne Gold **BATSF**▲-Black **PATSF**▲-Pewter **WTTSF**▲-Wheat **BRTSF**▲-Bronze **Painted Finish Options** **WHTF**-White Cone	**PF**-Painted Flange Only **F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **825**-28" "C" Channel Mounting Bars (pair)

Dimensions



† Consult Factory for Availability
▲ For Specular Trim, remove "S" (Example: SATF)

indy™

LED | 2x2, 2x4 Lay-in LED
3200/6100 Lumens, Illusion

DESIGNLIGHTS CONSORTIUM

Description
Measuring two-foot square or two by four feet, these handsome fixtures are designed for standard drop-ceiling or drywall ceiling installation in commercial settings such as offices, schools, hospitals and retail establishments. Unique optics provide exceptional illumination and set these luminaires apart from other designs.

Features
Optics Directional Optics (center panel): High transmission polycarbonate diffuser panel delivers main beam focus while providing excellent control and efficiency • Illusion lens creates unique aesthetic that appears to change when viewed at different angles. Diffuser Surround (side panels): Two (2) sloping high transmission polycarbonate diffuser panels provide contrast and generate soft, even high angle luminance

Electrical LED Light Engine: 3000K, 3500K, 4100K & 5000K color temperatures • CRI>80 • Fixtures produce up to 3200 lumens from 45 watts input, or 6100 lumens from 77 watts of energy • LED Driver: Accommodates 120V or 277V input volts AC at 50/60Hz • Power factor>0.9 • Dimmable to 10% with 0-10V DC control protocol

Mounting Lay-in application • Sits on drop ceiling T-bars or drywall ceilings using adapter accessory

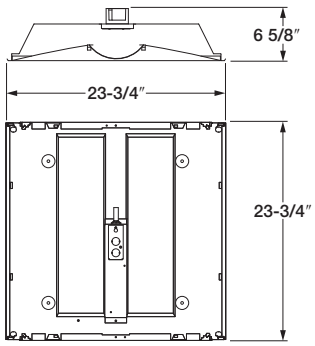
Labels and Listings Tested and Certified to UL and CSA Standards using ETL laboratories • I.B.E.W. Union made • ARRA Compliant • DesignLights™ Consortium qualified (See specification sheets for specifics)

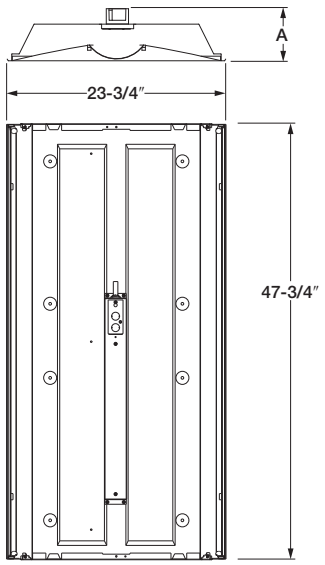
Ordering Information Example: **S2X2LI-32352-WH2**

Model	Difusser Style	Lumens	Color Temperature	Voltage	Finish	Generation	Options	Accessories
S2X2	LI	-32	35	1	-WH	2	-BR	2x2DWA
S2X2-2′x2′ † Solid State, LED **S2X4**-2′x4′ † Solid State, LED	**LI**-Illusion Lay-in	**32**-3200 Lumens **61***-6100 Lumens	**30**-3000K **35**-3500K **40**-4100K **50**-5000K	**1**-120V **2**-277V **3**-347V	**WH**-White		**BR**-Emergency Battery Pack with Remote Test Switch **NY**-20 GA. Housing	**2x2DWA** 2′x2′ Drywall Frame Adapter **2x4DWA** 2′x4′ Drywall Frame Adapter

† Refer to specification sheets for DesignLights™ Consortium qualified products
* 2′x4′ only

Dimensions





Dimensions	A
3200 Lumens	6 5/8"
6100 Lumens	5 1/2″

indy™

LED | 2x2, 2x4 Lay-in LED
3200/6100 Lumens, Flat Lensed

DESIGNLIGHTS CONSORTIUM

Description
Measuring two-foot square or two by four feet, these handsome fixtures are designed for standard drop-ceiling or drywall ceiling installation in commercial settings such as offices, schools, hospitals and retail establishments. The LED light panel is regressed into the fixture for reduced glare and a quiet-ceiling look. Unique optics provide exceptional illumination and set these luminaires apart from other designs.

Features
Optics Directional Optics (center panel): High transmission polycarbonate diffuser panel delivers main beam focus while providing excellent control and efficiency • Flat lense creates a uniform, low-glare illumination. Diffuser Surround (side panels): Two (2) sloping high transmission polycarbonate diffuser panels provide contrast and generate soft, even high angle luminance

Electrical LED Light Engine: 3000K, 3500K, 4100K & 5000K color temperatures • CRI>80 • Fixtures produce up to 3200 lumens from 45 watts input, or 6100 lumens from 77 watts of energy • LED Driver: Accommodates 120V or 277V input volts AC at 50/60Hz • Power factor>0.9 • Dimmable to 10% with 0-10V DC control protocol

Mounting Lay-in application • Sits on drop ceiling T-bars or drywall ceilings using adapter accessory

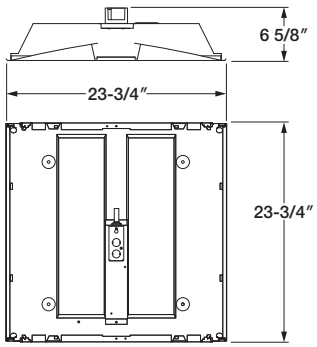
Labels and Listings Tested and Certified to UL and CSA Standards using ETL laboratories • I.B.E.W. Union made • ARRA Compliant • DesignLights™ Consortium qualified (See specification sheets for specifics)

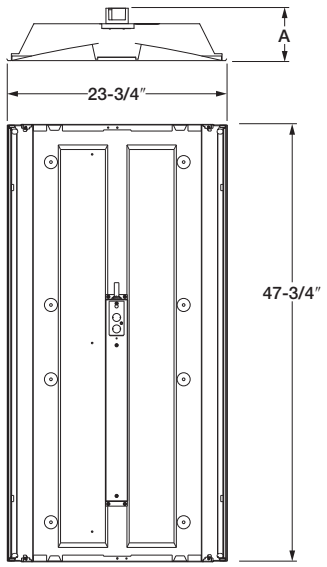
Ordering Information Example: **S2X2LF-32352-WH2**

Model	Difusser Style	Lumens	Color Temperature	Voltage	Finish	Generation	Options	Accessories
S2X2	LF	-32	35	1	-WH	2	-BR	2x2DWA
S2X2-2′x2′ † Solid State, LED **S2X4**-2′x4′ † Solid State, LED	**LF**-Flat Lay-in	**32**-3200 Lumens **61***-6100 Lumens	**30**-3000K **35**-3500K **40**-4100K **50**-5000K	**1**-120V **2**-277V **3**-347V	**WH**-White		**BR**-Emergency Battery Pack with Remote Test Switch **NY**-20 GA. Housing	**2x2DWA** 2′x2′ Drywall Frame Adapter **2x4DWA** 2′x4′ Drywall Frame Adapter

† Refer to specification sheets for DesignLights™ Consortium qualified products
* 2′x4′ only

Dimensions





Dimensions	A
3200 Lumens	6 5/8"
6100 Lumens	5 1/2″

indy™

LED | 1x4 Basket LED

2300/3200/3800/5300 Lumens, Perforated or Opal Diffuser

DESIGNLIGHTS CONSORTIUM

Description

Measuring 1x4, these handsome fixtures are designed for standard drop-ceiling, drywall ceiling or screw slot T-bars installation in commercial settings such as offices, schools, hospitals and retail establishments. Unique optics provide exceptional illumination and set these luminaires apart from other designs. Available in Opal Diffuser or White Perforated

Features

Shielding Optics (BO Basket style): High transmission polycarbonate features a textured opal surface on one side specifically designed for lighting lenses. (BP Basket style): Die-formed C.R.S. with 50% open perforation, white baked enamel finish with white polycarbonate diffuser

Reflector High reflectance white paint provides soft, uniformed indirect light distribution

Electrical LED Light Engine: 3000K, 3500K, 4100K & 5000K color temperatures • CRI>80 • Fixture produces 2300 to 5300 lumens while using only 44 to 64 watts of energy • LED Driver: Accommodates 120V or 277V input volts AC at 50/60Hz • Power factor>0.9 • Dimmable to 10% with 0-10V DC control protocol

Housing Cold rolled steel • Highly reflective white powder coat bonded to phosphate-free, multi-staged pretreated metal

Mounting Lightweight and easy to install in any T-bar system

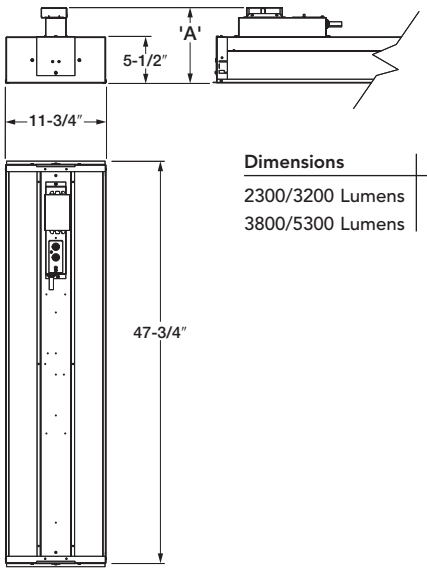
Labels and Listings Tested and Certified to UL and CSA Standards using ETL laboratories • I.B.E.W. Union made • ARRA Compliant • DesignLights™ Consortium qualified (See specification sheets for specifics)

Ordering Information Example: **S1X4BP-23351-WH2**

Model	Basket Style	Lumens	Color Temperature	Voltage	Finish	Generation	Options	Accessories
S1X4	BP	-23	35	1	-WH	2	-BR	1x4DWA
S1X4-1'x4' † Solid State, LED	**BP**-White Perforated **BO**-Opal Diffuser	**23**[1]-2300 Lumens **32**[2]-3200 Lumens **38**[1]-3800 Lumens **53**[2]-5300 Lumens	**30**-3000K **35**-3500K **40**-4100K **50**-5000K	**1**-120V **2**-277V 3-347V	**WH**-White		**BR**-Emergency Battery Pack with Remote Test Switch **AM**-Anti-Microbial Paint **SS**-Housing for 9/16" Screw Slot Grid	**1x4DWA** 1'x4' Drywall Frame Adapter

[1]BP Perforated style only
[2]BO Diffuser style only
† Refer to specification sheets for DesignLights™ Consortium qualified products

Dimensions



Dimensions	A
2300/3200 Lumens	9"
3800/5300 Lumens	7 7/8"

indy™

LED | 2x2, 2x4 Basket LED

2600/6500 Lumens, Perforated or Opal Diffuser

DESIGNLIGHTS CONSORTIUM

Description

Measuring two-foot square or two by four feet, these handsome fixtures are designed for standard drop-ceiling, drywall ceiling or screw slot T-bars installation in commercial settings such as offices, schools, hospitals and retail establishments. The LED light panel is regressed into the fixture for reduced glare and a quiet-ceiling look.
Unique optics provide exceptional illumination and set these luminaires apart from other designs. Available in Opal Diffuser or White Perforated

Features

Shielding Optics (BO Basket style): High transmission polycarbonate features a textured opal surface on one side specifically designed for lighting lenses. (BP Basket style): Die-formed C.R.S. with 50% open perforation, white baked enamel finish with white polycarbonate diffuser

Reflector High reflectance white paint provides soft, uniformed indirect light distribution

Electrical LED Light Engine: 3000K, 3500K, 4100K & 5000K color temperatures • CRI>80 • Fixture produces 2600 to 6500 lumens while using only 45 to 77 watts of energy • LED Driver: Accommodates 120V or 277V input volts AC at 50/60Hz • Power factor>0.9 • Dimmable to 10% with 0-10V DC control protocol

Housing Cold rolled steel • Highly reflective white powder coat bonded to phosphate-free, multi-staged pretreated metal

Mounting Lightweight and easy to install in any T-bar system

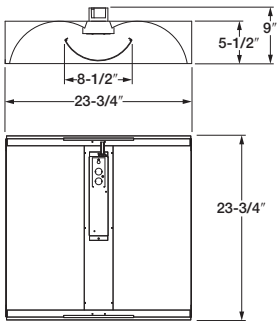
Labels and Listings Tested and Certified to UL and CSA Standards using ETL laboratories • I.B.E.W. Union made • ARRA Compliant • DesignLights™ Consortium qualified (See specification sheets for specifics)

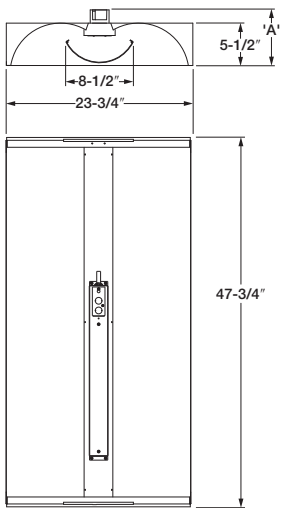
Ordering Information Example: **S2X2BP-26352-WH2**

Model	Basket Style	Lumens	Color Temperature	Voltage	Finish	Generation	Options	Accessories
S2X2	BP	-23	35	1	-WH	2	-BR	2x2DWA
S2X2-2′x2′ † Solid State, LED **S2X4**-2′x4′ Solid State, LED	**BP**-White Perforated **BO**-Opal Diffuser	**26**[1]-2600 Lumens **39**[2]-3900 Lumens **45**[1]-4500 Lumens **65**[2]-6500 Lumens	**30**-3000K **35**-3500K **40**-4100K **50**-5000K	**1**-120V **2**-277V **3**-347V	**WH**-White		**BR**-Emergency Battery Pack with Remote Test Switch **AM**-Anti-Microbial Paint **SS**-Housing for 9/16" Screw Slot Grid	**2x2DWA** 2′x2′ Drywall Frame Adapter **2x4DWA** 2′x4′ Drywall Frame Adapter

[1]BP Perforated style only
[2]BO Diffuser style only
† Refer to specification sheets for DesignLights™ Consortium qualified products

Dimensions





Dimensions	A
2600/3900 Lumens	9"
4500/6500 Lumens	7 7/8"

indy™

LED | 2x2 Parabolic LED
3900 Lumens, Lay-in

DESIGNLIGHTS CONSORTIUM

Description
Measuring two-foot square, these handsome fixtures are designed for standard drop-ceiling installation in commercial settings such as offices, schools, hospitals and retail establishments. The one-foot square LED light panel is regressed into the fixture for reduced glare and a quiet-ceiling look. Unique trims provide exceptional illumination and set these luminaires apart from other designs.

Features
Reflector Features stamped steel construction with high reflectance textured white, black, silver or graphite painted finishes • Parabolic reflector design maximizes brightness control and fixture efficiency

Electrical LED Light Engine: 3000K, 3500K, 4100K & 5000K color temperatures • CRI>80 • Produces 3900 lumens while using only 43 watts of energy • LED Driver: Accommodates 120V or 277V input volts AC at 50/60Hz • Power factor>0.9 • Dimmable to 10% with 0-10V DC control protocol

Mounting Lay-in application • Sits on drop ceiling T-bars

Labels and Listings Tested and Certified to UL and CSA Standards using ETL laboratories • I.B.E.W. Union made • DesignLights™ Consortium qualified (See specification sheets for specifics)

Ordering Information Example: **S2X2PP-39352-WH2**

Model	Lumens	Color Temperature	Voltage	Refelctor Finish	Generation	Options	Accessories
S2X2PP	-39	35	277	-WH	2	-BR	2x2DWA
S2X2PP † Parabolic Reflector	**39**-3900 Lumens	**30**-3000K **35**-3500K **40**-4100K **50**-5000K	**1**-120V **2**-277V **3**-347V	**WH**-White **BL**-Black **SL**-Silver **GR**-Graphite		**BR**-Emergency Battery Pack with Remote Test Switch	**2x2DWA** 2'x2' Drywall Frame Adapter

† Refer to specification sheets for DesignLights™ Consortium qualified products

Finishes

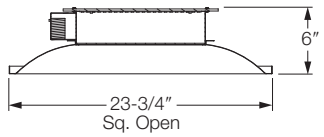
Black

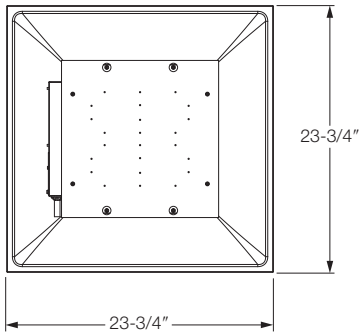
White

Silver

Graphite

Dimensions





indy™

LED | 2x2 Parabolic LED
3900 Lumens, Pendant Mount

DESIGNLIGHTS CONSORTIUM

Description
Measuring two-foot square, these handsome fixtures are designed for pendant mounting in commercial settings such as offices, schools, hospitals and retail establishments. The one-foot square LED light panel is regressed into the fixture for reduced glare and a quiet-ceiling look. Unique trims provide exceptional illumination and set these luminaires apart from other designs.

Features
Reflector Features stamped steel construction with high reflectance textured white, black, silver or graphite painted finishes • Parabolic reflector design maximizes brightness control and fixture efficiency

Electrical LED Light Engine: 3000K, 3500K, 4100K & 5000K color temperatures • CRI>80 • Produces 3900 lumens while using only 44 watts of energy • LED Driver: Accommodates 120V to 277V input volts AC at 50/60Hz • Power factor>0.9 • Dimmable to 10% with 0-10V DC control protocol

Mounting 3/4" pipe (by others) for pendant mount

Labels and Listings Tested and Certified to UL and CSA Standards using ETL laboratories • I.B.E.W. Union made • DesignLights™ Consortium qualified (See specification sheets for specifics)

Ordering Information Example: **S2X2PP-39352-PWH2**

Model	Lumens	Color Temperature	Mounting	Reflector Finish	Generation	Options
S2X2PP	-39	35	-P	WH	2	-3
S2X2PP † Parabolic Reflector	**39**-3900 Lumens	**30**-3000K **35**-3500K **40**-4100K **50**-5000K	**P**-Pendant	**WH**-White **BL**-Black **SL**-Silver **GR**-Graphite		**3**-347

† Refer to specification sheets for DesignLights™ Consortium qualified products

Finishes

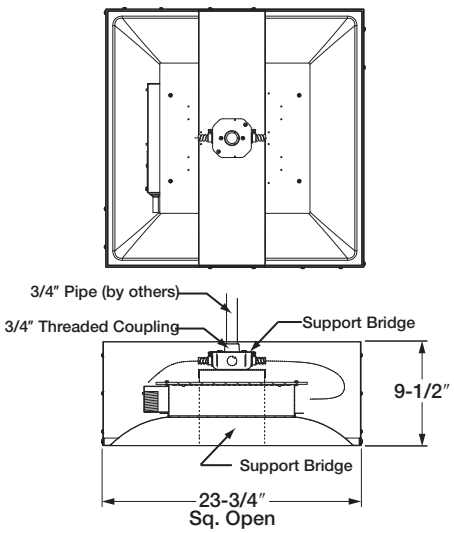
Black

White

Silver

Graphite

Dimensions



indy™

LED | 2x2 Ziggurat LED
3900 Lumens, Lay-in

DESIGNLIGHTS CONSORTIUM

Description
Measuring two-foot square, these handsome fixtures are designed for standard drop-ceiling installation in commercial settings such as offices, schools, hospitals and retail establishments. The one-foot square LED light panel is regressed into the fixture for reduced glare and a quiet-ceiling look. Unique trims provide exceptional illumination and set these luminaires apart from other designs.

Features
Reflector Features extruded aluminum construction with a high reflectance textured white, black silver or graphite painted finishes • Ziggurat design provides unique aestic and uniform balance of light levels to both vertical and horizontal surfaces

Electrical LED Light Engine: 3000K, 3500K, 4100K & 5000K color temperatures • CRI>80 • Produces 3900 lumens while using only 43 watts of energy • LED Driver: Universal driver accommodates 120V to 277V input volts AC at 50/60Hz • Power factor>0.9 • Dimmable to 10% with 0-10V DC control protocol

Mounting Lay-in application • Sits on drop ceiling T-bars

Labels and Listings Tested and Certified to UL and CSA Standards using ETL laboratories • I.B.E.W. Union made • DesignLights™ Consortium qualified (See specification sheets for specifics)

Ordering Information Example: **S2X2PZ-39352-WH2**

Model	Lumens	Color Temperature	Voltage	Refelctor Finish	Generation	Options	Accessories
S2X2PZ	-39	35	277	-WH	2	-BR	2x2DWA
S2X2PZ † Ziggurat Reflector	**39**-3900 Lumens	**30**-3000K **35**-3500K **40**-4100K **50**-5000K	**1**-120V **2**-277V **3**-347V	**WH**-White **BL**-Black **SL**-Silver **GR**-Graphite		**BR**-Emergency Battery Pack with Remote Test Switch	**2x2DWA** 2'x2' Drywall Frame Adapter

† Refer to specification sheets for DesignLights™ Consortium qualified products

Finishes

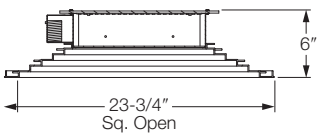
Black

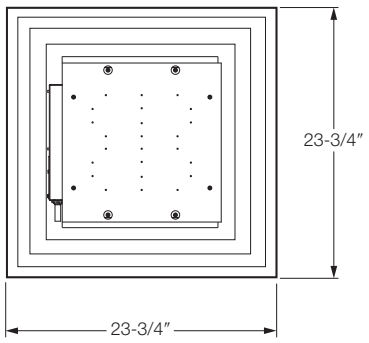
White

Silver

Graphite

Dimensions





indy™

LED | **L4** 4" LED Hyperbolic New Construction Downlight
1300-2800 Lumens, 21-46 Watts

Description
4" LED Downlight is available in (5) lumen packages ranging from 1100 to 2700 delivered lumens, with input wattages ranging from 21W to 46W. Comparable to 26W, 32W, 42W CFL, 2x26W CFL and 39W CMH with energy savings up to 40%.

Features
Cone Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 MacAdam ellipses • CRI>80 • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Ordering Information

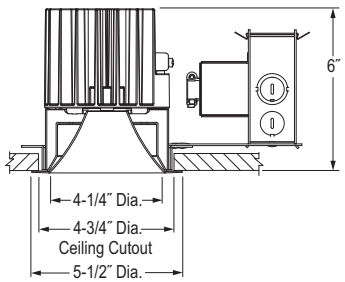
Example: **L4-23353-LDI**

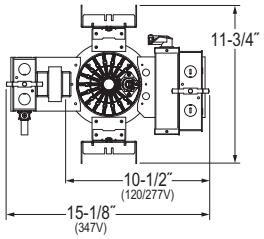
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
L4	- 23	35	3	- LDI
L4	**13**-1300 Lumens **15**-1500 Lumens **17**-1700 Lumens **23**-2300 Lumens **28**-2800 Lumens	**27**-2700K **30**-3000K **35**-3500K **40**-4100K	**1**-120V **2**-277V **3**-347V	**F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **BR**-Emergency Battery Pack with Remote Test Switch **LDI**-Lumen Depreciation Indicator ◆**PD**-Programmable Dimming Driver (Lutron EcoSystem®)

Example: **L400HW-CQ-WH**

Reflector	Color Options	Finish	Options
L400HW	- C	Q	- WH
L400H Open Reflector, Medium Distribution **L400HW** Open Reflector, Wide Distribution	▲**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent Alzak®** ▲**L**-Specular ▲**S**-Satin ▲**Q***-Semi-Specular (*Clear only) **blank**-White	**WH**-White Flange

Dimensions





† Consult Factory for Availability
◆Not Available for 2800 Lumens
▲ENERGY STAR® Qualified

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.

indy™

LED | **L4** 4" LED Parabolic Downlight & Wall Wash
1300-2800 Lumens, 21-46 Watts

Description
4" LED Downlight is available in (5) lumen packages ranging from 900 to 2200 delivered lumens, with input wattages ranging from 21W to 46W. Comparable to 26W, 32W, 42W CFL and 2x26W CFL with energy savings up to 35%.

Features
Cone Computer-optimized parabolic reflector with frosted conical lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 MacAdam ellipses • CRI>80 • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

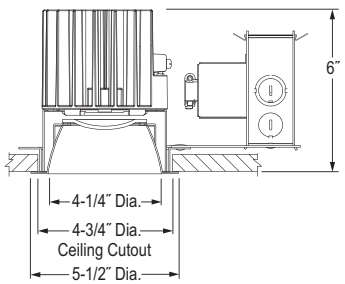
Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select lumens and trims

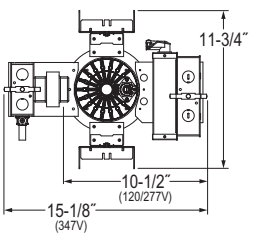
Ordering Information
Example: **L4-23353-LDI** Example: **L400P-CQ-WH**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
L4	- 23	35	3	- LDI
L4	**13**-1300 Lumens ▲**15**-1500 Lumens ▲**17**-1700 Lumens ▲**23**-2300 Lumens ▲**28**-2800 Lumens	**27**-2700K ▲**30**-3000K ▲**35**-3500K ▲**40**-4100K	**1**-120V **2**-277V **3**-347V	**F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **BR**-Emergency Battery Pack with Remote Test Switch **LDI**-Lumen Depreciation Indicator ◆**PD**-Programmable Dimming Driver (Lutron EcoSystem®)

Reflector	Color Options	Finish	Options
L400P	C	Q	WH
▲**L400P** Open Reflector **L400B** Black Baffle **L400WS** Wall Wash	▲**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent** **Alzak®** ▲**L**-Specular ▲**S**-Satin ▲**Q***-Semi-Specular (*Clear only) **blank**-For Baffle & White	**WH**-White Flange **WET**-Wet Location Listing (Excludes WW)

Dimensions





† Consult Factory for Availability
◆Not Available for 2800 Lumens
▲ENERGY STAR® Qualified

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.

indy™

LED | **L6** 6" LED Hyperbolic New Construction Downlight
1300-2800 Lumens, 21-46 Watts

Description
6" LED Downlight is available in (5) lumen packages ranging from 1000 to 2700 delivered lumens, with input wattages ranging from 21W to 46W. Comparable to 26W, 32W, 42W CFL, 2x26W CFL and 39W CMH with energy savings up to 40%.

Features
Cone Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 MacAdam ellipses • CRI>80 • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Ordering Information

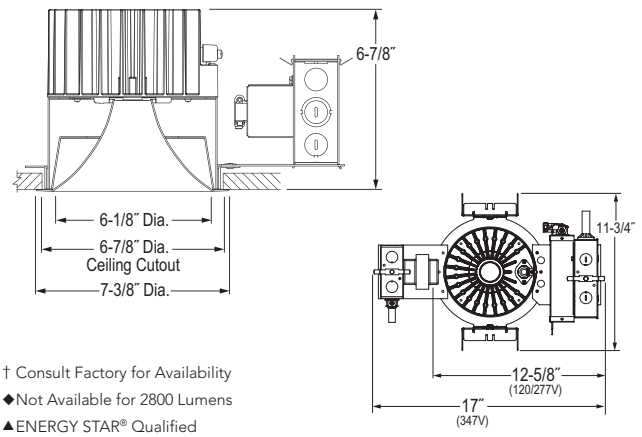
Example: **L6-23353-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
L6	- 23	35	3	- LDI
L6	**13**-1300 Lumens **15**-1500 Lumens **17**-1700 Lumens **23**-2300 Lumens **28**-2800 Lumens	**27**-2700K **30**-3000K **35**-3500K **40**-4100K	**1**-120V **2**-277V **3**-347V	**F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **BR**-Emergency Battery Pack with Remote Test Switch **LDI**-Lumen Depreciation Indicator ◆**PD**-Programmable Dimming Driver (Lutron EcoSystem®)

Example: **L600HW-CQ-WH**

Reflector	Color Options	Finish	Options
L600HW	- C	Q	- WH
L600H Open Reflector, Medium Distribution **L600HW** Open Reflector, Wide Distribution	▲**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent Alzak®** ▲**L**-Specular ▲**S**-Satin ▲**Q***-Semi-Specular (*Clear only) **blank**-White	**WH**-White Flange

Dimensions



† Consult Factory for Availability
◆Not Available for 2800 Lumens
▲ENERGY STAR® Qualified

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

indy™

LED | **L6** 6" LED Parabolic Downlight & Wall Wash
1300-2800 Lumens, 21-46 Watts

Description
6" LED Downlight is available in (5) lumen packages ranging from 900 to 2200 delivered lumens, with input wattages ranging from 21W to 46W. Comparable to 26W, 32W, 42W CFL and 2x26W CFL with energy savings up to 35%.

Features
Cone Computer-optimized parabolic reflector with frosted conical lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 MacAdam ellipses • CRI>80 • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select lumens and trims

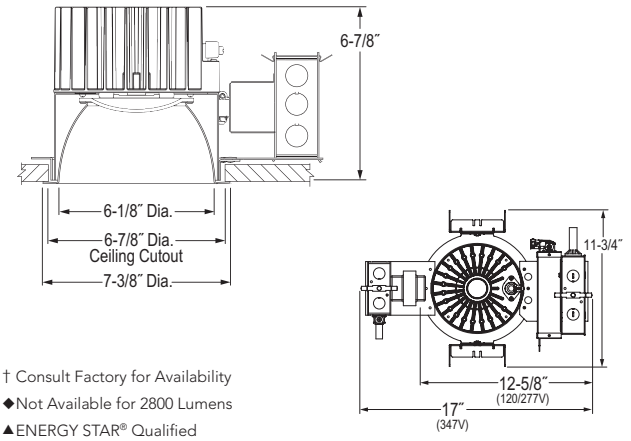
Ordering Information
Example: **L6-23353-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
L6	- 23	35	3	- LDI
L6	**13**-1300 Lumens ▲**15**-1500 Lumens ▲**17**-1700 Lumens ▲**23**-2300 Lumens ▲**28**-2800 Lumens	**27**-2700K ▲**30**-3000K ▲**35**-3500K ▲**40**-4100K	**1**-120V **2**-277V **3**-347V	**F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **BR**-Emergency Battery Pack with Remote Test Switch **LDI**-Lumen Depreciation Indicator ◆**PD**-Programmable Dimming Driver (Lutron EcoSystem®)

Example: **L600P-CQ-WH**

Reflector	Color Options	Finish	Options
L600P	- C	Q	- WH
▲**L600P** Open Reflector **L600B** Black Baffle **L600WS** Wall Wash	▲**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent** **Alzak®** ▲**L**-Specular ▲**S**-Satin ▲**Q***-Semi-Specular (*Clear only) **blank**-For Baffle & White	**WH**-White Flange **WET**-Wet Location Listing (Excludes WW)

Dimensions



† Consult Factory for Availability
◆Not Available for 2800 Lumens
▲ENERGY STAR® Qualified

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

indy™

LED | **L8** 8" LED Hyperbolic New Construction Downlight
1300-2800 Lumens, 21-46 Watts

Description
8" LED Downlight is available in (5) lumen packages ranging from 1000 to 2700 delivered lumens, with input wattages ranging from 21W to 46W. Comparable to 26W, 32W, 42W CFL, 2x26W CFL and 39W CMH with energy savings up to 40%.

Features
Cone Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 MacAdam ellipses • CRI>80 • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

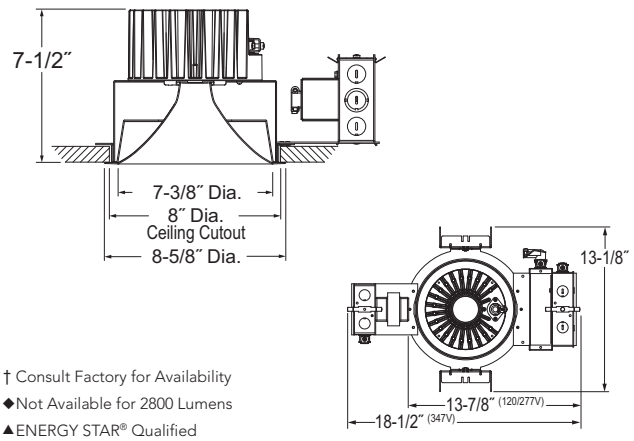
Ordering Information
Example: **L8-23353-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
L8	- 23	35	3	- LDI
L8	**13**-1300 Lumens **15**-1500 Lumens **17**-1700 Lumens **23**-2300 Lumens **28**-2800 Lumens	**27**-2700K **30**-3000K **35**-3500K **40**-4100K	**1**-120V **2**-277V **3**-347V	**F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **BR**-Emergency Battery Pack with Remote Test Switch **LDI**-Lumen Depreciation Indicator ◆**PD**-Programmable Dimming Driver (Lutron EcoSystem®)

Example: **L800HW-CQ-WH**

Reflector	Color Options	Finish	Options
L800HW	- C	Q	- WH
L800H Open Reflector, Medium Distribution **L800HW** Open Reflector, Wide Distribution	▲**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent Alzak®** ▲**L**-Specular ▲**S**-Satin ▲**Q***-Semi-Specular (*Clear only) **blank**-For Baffle & White	**WH**-White Flange

Dimensions



† Consult Factory for Availability
◆Not Available for 2800 Lumens
▲ENERGY STAR® Qualified

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

indy™

LED | **L8** 8" LED Parabolic Downlight & Wall Wash
1300-2800 Lumens, 21-46 Watts

Description
8" LED Downlight is available in (5) lumen packages ranging from 900 to 2200 delivered lumens, with input wattages ranging from 21W to 46W. Comparable to 26W, 32W, 42W CFL and 2x26W CFL with energy savings up to 35%.

Features
Cone Computer-optimized parabolic reflector with frosted conical lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 MacAdam ellipses • CRI>80 • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Low profile, universal housing design installs in suspended grid, plaster or drywall • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from above or below ceiling

Mounting Mounting brackets have 3" vertical adjustment and accept most commercial bar hangers including our proprietary Tru-Lock bar hangers • Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select lumens and trims

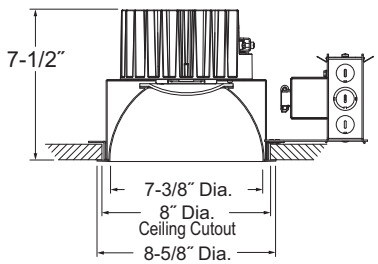
Ordering Information
Example: **L8-23353-LDI**

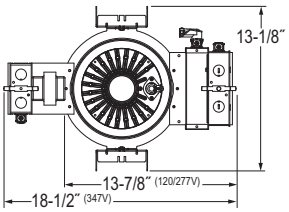
Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
L8	- 23	35	3	- LDI
L8	**13**-1300 Lumens ▲**15**-1500 Lumens ▲**17**-1700 Lumens ▲**23**-2300 Lumens ▲**28**-2800 Lumens	**27**-2700K ▲**30**-3000K ▲**35**-3500K ▲**40**-4100K	**1**-120V **2**-277V **3**-347V	**F**-Fuse and Fuse Holder †**CP**-Chicago Plenum Approval **BR**-Emergency Battery Pack with Remote Test Switch **LDI**-Lumen Depreciation Indicator ◆**PD**-Programmable Dimming Driver (Lutron EcoSystem®)

Example: **L800P-CQ-WH**

Reflector	Color Options	Finish	Options
L800P	- C	Q	- WH
▲**L800P** Open Reflector **L800B** Black Baffle **L800WS** Wall Wash	▲**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent** **Alzak®** ▲**L**-Specular ▲**S**-Satin ▲**Q***-Semi-Specular (*Clear only) **blank**-For Baffle & White	**WH**-White Flange **WET**-Wet Location Listing (Excludes WW)

Dimensions





† Consult Factory for Availability
◆Not Available for 2800 Lumens
▲ENERGY STAR® Qualified

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

indy™

LED | **LRM4** 4" LED Hyperbolic Remodel Downlight
1300-2800 Lumens, 21-46 Watts

Description
4" LED Remodel installs from below ceiling • Available in (5) lumen packages ranging from 1100 to 2700 delivered lumens, with input wattages ranging from 21W to 46W. Comparable to 26W, 32W, 42W CFL, 2x26W CFL and 39W CMH with energy savings up to 40%.

Features
Cone Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 MacAdam ellipses • CRI>80 • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

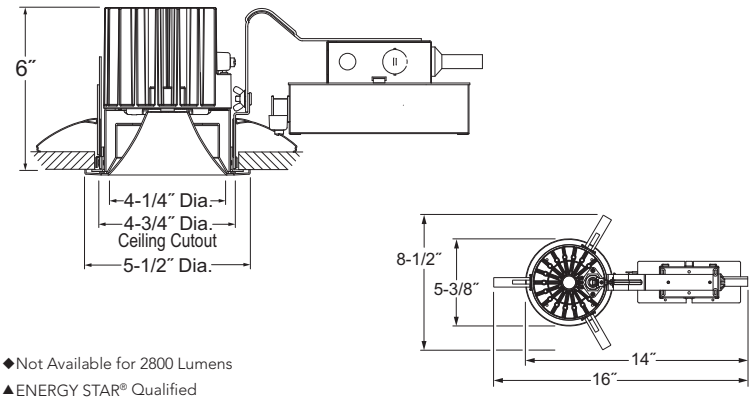
Ordering Information
Example: **LRM4-17301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
LRM4	- 17	30	1	- LDI
LRM4	**13**-1300 Lumens **15**-1500 Lumens **17**-1700 Lumens **23**-2300 Lumens **28**-2800 Lumens	**27**-2700K **30**-3000K **35**-3500K **40**-4100K	**1**-120V **2**-277V	**F**-Fuse and Fuse Holder **BR**-Emergency Battery Pack with Remote Test Switch **LDI**-Lumen Depreciation Indicator ◆**PD**-Programmable Dimming Driver (Lutron EcoSystem®)

Example: **L400HW-CQ-WH**

Reflector	Color Options	Finish	Options
L400HW	- C	Q	- WH
L400H Open Reflector, Medium Distribution **L400HW** Open Reflector, Wide Distribution	▲**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent Alzak®** ▲**L**-Specular ▲**S**-Satin ▲**Q***-Semi-Specular (*Clear only) **blank**-White	**WH**-White Flange

Dimensions



◆Not Available for 2800 Lumens
▲ENERGY STAR® Qualified

indy™

LED | **LRM4** 4" LED Parabolic Remodel Downlight & Wall Wash
1300-2800 Lumens, 21-46 Watts

Description
4" LED Remodel installs from below ceiling • Available in (5) lumen packages ranging from 900 to 2200 delivered lumens, with input wattages ranging from 21W to 46W. Comparable to 26W, 32W, 42W CFL and 2x26W CFL with energy savings up to 35%.

Features
Cone Computer-optimized parabolic reflector with frosted conical lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 MacAdam ellipses • CRI>80 • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select lumens and trims

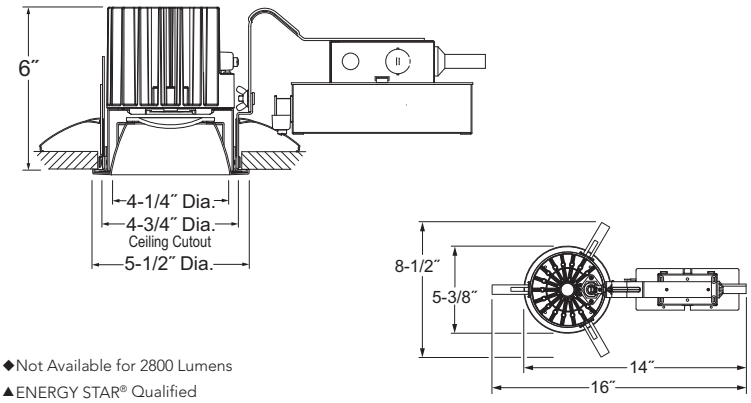
Ordering Information
Example: **LRM4-17301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
LRM4	- 17	30	1	- LDI
LRM4	**13**-1300 Lumens ▲**15**-1500 Lumens ▲**17**-1700 Lumens ▲**23**-2300 Lumens ▲**28**-2800 Lumens	**27**-2700K ▲**30**-3000K ▲**35**-3500K ▲**40**-4100K	**1**-120V **2**-277V	**F**-Fuse and Fuse Holder **BR**-Emergency Battery Pack with Remote Test Switch **LDI**-Lumen Depreciation Indicator ◆**PD**-Programmable Dimming Driver (Lutron EcoSystem®)

Example: **L400P-CQ-WH**

Reflector	Color Options	Finish	Options
L400P	- C	Q	- WH
▲**L400P** Open Reflector **L400B** Black Baffle **L400WS** Wall Wash	▲**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent** **Alzak®** ▲**L**-Specular ▲**S**-Satin ▲**Q***-Semi-Specular (*Clear only) **blank**-For Baffle & White	**WH**-White Flange **WET**-Wet Location Listing (Excludes WW)

Dimensions



◆Not Available for 2800 Lumens
▲ENERGY STAR® Qualified

indy™

LED | **LRM6** 6" LED Hyperbolic Remodel Downlight
1300-2800 Lumens, 21-46 Watts

Description

6" LED Remodel installs from below ceiling • Available in (5) lumen packages ranging from 1000 to 2700 delivered lumens, with input wattages ranging from 21W to 46W. Comparable to 26W, 32W, 42W CFL, 2x26W CFL and 39W CMH with energy savings up to 40%.

Features

Cone Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 MacAdam ellipses • CRI>80 • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Ordering Information

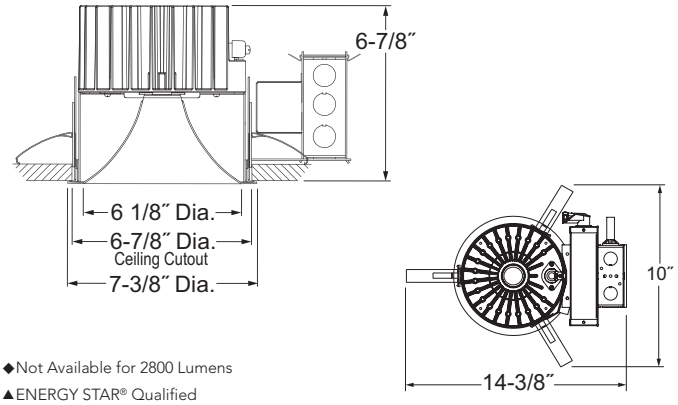
Example: **LRM6-17301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
LRM6	- 17	30	1	- LDI
LRM6	**13**-1300 Lumens **15**-1500 Lumens **17**-1700 Lumens **23**-2300 Lumens **28**-2800 Lumens	**27**-2700K **30**-3000K **35**-3500K **40**-4100K	**1**-120V **2**-277V	**F**-Fuse and Fuse Holder **BR**-Emergency Battery Pack with Remote Test Switch **LDI**-Lumen Depreciation Indicator ◆**PD**-Programmable Dimming Driver (Lutron EcoSystem®)

Example: **L600HW-CQ-WH**

Reflector	Color Options	Finish	Options
L600HW	- C	Q	- WH
L600H Open Reflector, Medium Distribution **L600HW** Open Reflector, Wide Distribution	▲**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent Alzak®** ▲**L**-Specular ▲**S**-Satin ▲**Q***-Semi-Specular (*Clear only) **blank**-White	**WH**-White Flange

Dimensions



◆Not Available for 2800 Lumens

▲ENERGY STAR® Qualified

indy™

LED | **LRM6** 6" LED Parabolic Remodel Downlight & Wall Wash
1300-2800 Lumens, 21-46 Watts

Description
6" LED Remodel installs from below ceiling • Available in (5) lumen packages ranging from 900 to 2200 delivered lumens, with input wattages ranging from 21W to 46W. Comparable to 26W, 32W, 42W CFL and 2x26W CFL with energy savings up to 35%.

Features
Cone Computer-optimized parabolic reflector with frosted conical lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 MacAdam ellipses • CRI>80 • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select lumens and trims

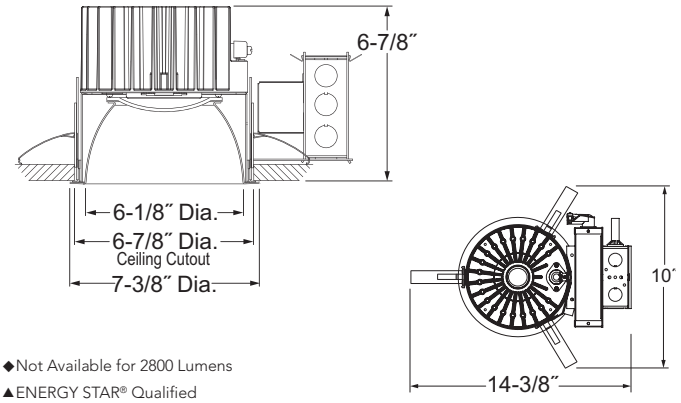
Ordering Information
Example: **LRM6-17301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
LRM6	- 17	30	1	- LDI
LRM6	**13**-1300 Lumens ▲**15**-1500 Lumens ▲**17**-1700 Lumens ▲**23**-2300 Lumens ▲**28**-2800 Lumens	**27**-2700K ▲**30**-3000K ▲**35**-3500K ▲**40**-4100K	**1**-120V **2**-277V	**F**-Fuse and Fuse Holder **BR**-Emergency Battery Pack with Remote Test Switch **LDI**-Lumen Depreciation Indicator ◆**PD**-Programmable Dimming Driver (Lutron EcoSystem®)

Example: **L600P-CQ-WH**

Reflector	Color Options	Finish	Options
L600P	- C	Q	- WH
▲**L600P** Open Reflector **L600B** Black Baffle **L600WS** Wall Wash	▲**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent Alzak®** ▲**L**-Specular ▲**S**-Satin ▲**Q***-Semi-Specular (*Clear only) **blank**-For Baffle & White	**WH**-White Flange **WET**-Wet Location Listing (Excludes WW)

Dimensions



◆Not Available for 2800 Lumens
▲ENERGY STAR® Qualified

indy™

LED | **LRM8** 8" LED Hyperbolic Remodel Downlight
1300-2800 Lumens, 21-46 Watts

Description

8" LED Remodel installs from below ceiling • Available in (5) lumen packages ranging from 1000 to 2700 delivered lumens, with input wattages ranging from 21W to 46W. Comparable to 26W, 32W, 42W CFL, 2x26W CFL and 39W CMH with energy savings up to 40%.

Features

Cone Unique hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution • Medium and wide distributions available

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 MacAdam ellipses • CRI>80 • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select trims

Ordering Information

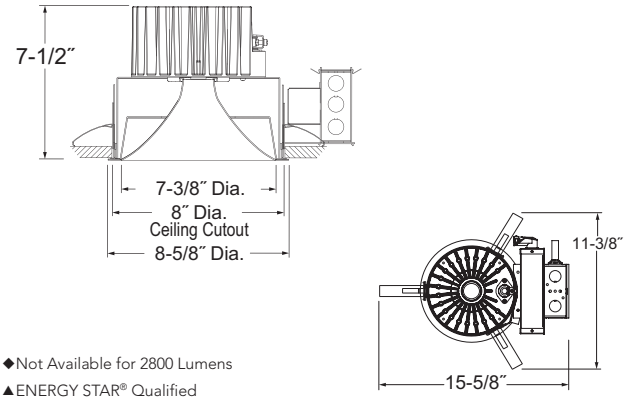
Example: **LRM8-17301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
LRM8	- 17	30	1	- LDI
LRM8	**13**-1300 Lumens **15**-1500 Lumens **17**-1700 Lumens **23**-2300 Lumens **28**-2800 Lumens	**27**-2700K **30**-3000K **35**-3500K **40**-4100K	**1**-120V **2**-277V	**F**-Fuse and Fuse Holder **BR**-Emergency Battery Pack with Remote Test Switch **LDI**-Lumen Depreciation Indicator ◆**PD**-Programmable Dimming Driver (Lutron EcoSystem®)

Example: **L800HW-CQ-WH**

Reflector	Color Options	Finish	Options
L800HW	- C	Q	- WH
L800H Open Reflector, Medium Distribution **L800HW** Open Reflector, Wide Distribution	▲**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent Alzak®** ▲**L**-Specular ▲**S**-Satin ▲**Q***-Semi-Specular (*Clear only) **blank**-White	**WH**-White Flange

Dimensions



◆Not Available for 2800 Lumens

▲ENERGY STAR® Qualified

indy™

LED | **LRM8** 8" LED Parabolic Remodel Downlight & Wall Wash
1300-2800 Lumens, 21-46 Watts

Description
8" LED Remodel installs from below ceiling • Available in (5) lumen packages ranging from 900 to 2200 delivered lumens, with input wattages ranging from 21W to 46W. Comparable to 26W, 32W, 42W CFL and 2x26W CFL with energy savings up to 35%.

Features
Cone Computer-optimized parabolic reflector with frosted conical lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 MacAdam ellipses • CRI>80 • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol,

Housing Installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate 1/2" to 1-1/8" ceiling thickness • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified with select lumens and trims

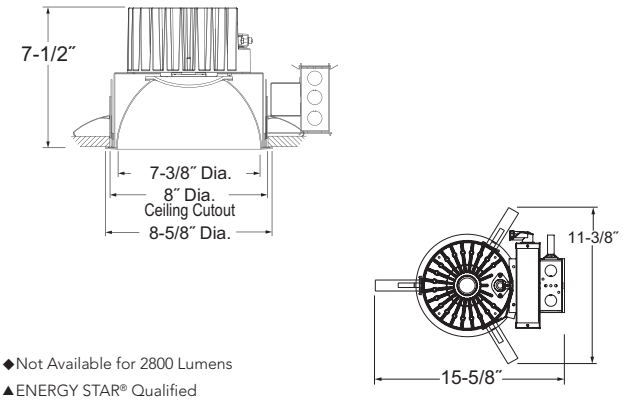
Ordering Information
Example: **LRM8-17301-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Options
LRM8	- 17	30	1	- LDI
LRM8	**13**-1300 Lumens ▲**15**-1500 Lumens ▲**17**-1700 Lumens ▲**23**-2300 Lumens ▲**28**-2800 Lumens	**27**-2700K ▲**30**-3000K ▲**35**-3500K ▲**40**-4100K	**1**-120V **2**-277V	**F**-Fuse and Fuse Holder **BR**-Emergency Battery Pack with Remote Test Switch **LDI**-Lumen Depreciation Indicator ◆**PD**-Programmable Dimming Driver (Lutron EcoSystem®)

Example: **L800P-CQ-WH**

Reflector	Color Options	Finish	Options
L800P	- C	Q	- WH
▲**L800P** Open Reflector **L800B** Black Baffle **L800WS** Wall Wash	▲**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent Alzak®** ▲**L**-Specular ▲**S**-Satin ▲**Q***-Semi-Specular (*Clear only) **blank**-For Baffle & White	**WH**-White Flange **WET**-Wet Location Listing (Excludes WW)

Dimensions



◆Not Available for 2800 Lumens
▲ENERGY STAR® Qualified

indy™

LED | **LRT6** 6" LED Retro Fit Downlight-Converts CFL, HID, Incandescant 1300-2800 Lumens, 21-46 Watts

Hyperbolic

Parabolic

Description

6" LED Downlight is available in (5) lumen packages ranging from 900 to 2700 delivered lumens, with input wattages ranging from 21W to 46W. Comparable to 26W, 32W, 42W, 2x26W CFL and 39W, 70W ED17 CMH with energy savings up to 40%. Accommodates apertures 6" to 6 5/8" diameter.

Features

Hyperbolic Reflector Unique patent pending hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness

Parabolic Reflector/Lens Computer-optimized parabolic reflector with frosted convexed lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convexed glass lens

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 MacAdam ellipses • CRI>80 • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from above or below ceiling

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified for 3000K CCT and above

Ordering Information

Example: **LRT6-23353-HID-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Original Light Source	Options
LRT6	**13**-1300 Lumens **15**-1500 Lumens **17**-1700 Lumens **23**-2300 Lumens **28**-2800 Lumens	**†27**-2700K **30**-3000K **35**-3500K **40**-4100K ***U**	**1**-120V **2**-277V **3**-347V ***U**	***INC** Incandescent **CFL** Compact Fluorescent **HID** Metal Halide	**F**-Fuse and Fuse Holder **BR**-Emergency Battery Pack with Remote Test Switch (CFL Version only) **LDI**-Lumen Depreciation Indicator **‡PD**-Programmable Dimming Driver (Lutron EcoSystem®)

†Not ENERGY STAR® Qualified

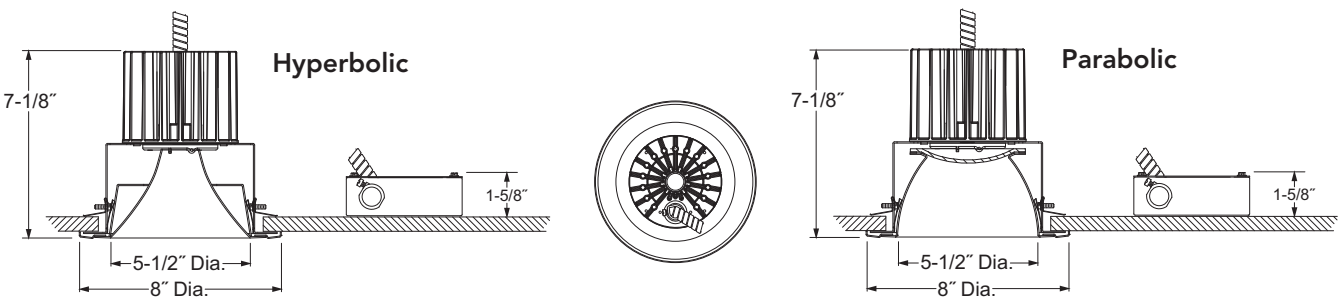
‡Not available for 2800 Lumens

* INC only is universal voltage (must be 120V at socket)

Example: **LRT600B-W-WET**

Reflector	Color Options	Finish	Options
LRT600H **Hyperbolic** Open Reflector, Medium Distribution	**C**-Clear **W**-White	**Low Iridescent** **Alzak®** **L**-Specular **S**-Satin **Q***-Semi-Specular **blank**-For White	**WET**-Wet Location Listing (Parabolic only)
LRT600HW **Hyperbolic** Open Reflector, Wide Distribution	**C**-Clear **W**-White		
LRT600P **Parabolic** Open Reflector	**C**-Clear **W**-White		
LRT600B Baffle	**W**-White **B**-Black		

Dimensions



indy™

LED | **LRT8** 8" LED Retro Fit Downlight-Converts CFL, HID, Incandescent 1300-2800 Lumens, 21-46 Watts

Hyperbolic

Parabolic

Description

6" LED Downlight is available in (5) lumen packages ranging from 900 to 2700 delivered lumens, with input wattages ranging from 21W to 46W. Comparable to 26W, 32W, 42W, 2x26W CFL and 39W, 70W ED17 CMH with energy savings up to 40%. Accommodates apertures 7 5/8" to 8 1/8" diameter.

Features

Hyperbolic Reflector Unique patent pending hyperbolic shape optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness

Parabolic Reflector/Lens Computer-optimized parabolic reflector with frosted convexed lens regressed into cone provides uniform distribution with no striations • Concealed LED array provides superior aesthetic appeal both on and off

Baffle White or black painted deep multi-groove aluminum baffle insert with integral white painted flange and frosted convexed glass lens

LED Light Engine: Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • Consistent fixture to fixture color temperature within 3 MacAdam ellipses • CRI>80 • Light engine mounts directly to heat sink and is easily replaceable • LED Driver: Power factor>0.9 • Dimmable via 0-10V protocol

Housing Installs from below ceiling • Secured in place by three (3) tension clips • Cast aluminum heat sink integrated directly with housing provides superior thermal management to ensure long life of LED • Driver is accessible from above or below ceiling

Labels and Listings UL listed for damp locations • I.B.E.W. Union made • Wet location option available • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A • ENERGY STAR® Qualified for 3000K CCT and above

Ordering Information

Example: **LRT8-17271-HID-LDI**

Rough-In	Light Engine Lumens	Color Temperature	Voltage	Original Light Source	Options
LRT8	- 17	27	1	- HID	- LDI
LRT8	**13**-1300 Lumens **15**-1500 Lumens **17**-1700 Lumens **23**-2300 Lumens **28**-2800 Lumens	**†27**-2700K **30**-3000K **35**-3500K **40**-4100K	**1**-120V **2**-277V **3**-347V ***U**	***INC** Incandescent **CFL** Compact Fluorescent **HID** Metal Halide	**F**-Fuse and Fuse Holder **BR**-Emergency Battery Pack with Remote Test Switch (CFL Version only) **LDI**-Lumen Depreciation Indicator **‡PD**-Programmable Dimming Driver (Lutron EcoSystem®)

†Not ENERGY STAR® Qualified

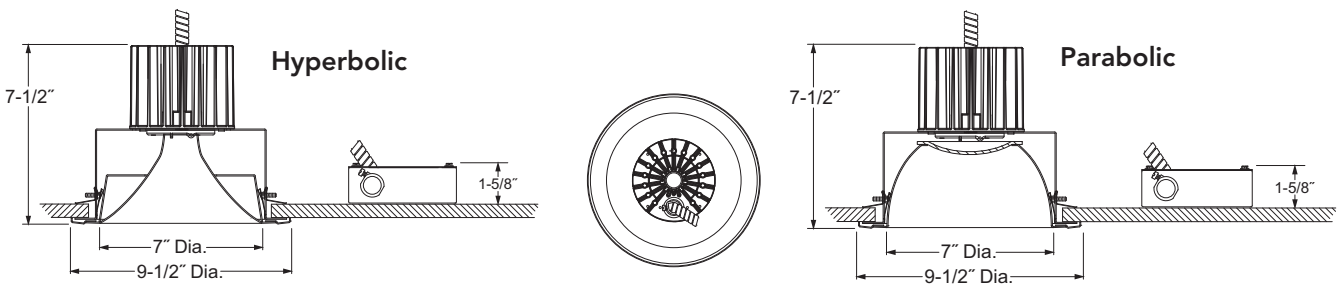
‡Not available for 2800 Lumens

* INC only is universal voltage (must be 120V at socket)

Example: **LRT800B-W-WET**

Reflector	Color Options	Finish	Options
LRT800H	- C	Q	- WET
LRT800H Hyperbolic Open Reflector, Medium Distribution	**C**-Clear **W**-White	**Low Iridescent Alzak®** **L**-Specular **S**-Satin **Q***-Semi-Specular **blank**-For White	**WET**-Wet Location Listing (Parabolic only)
LRT800HW Hyperbolic Open Reflector, Wide Distribution	**C**-Clear **W**-White		
LRT800P Parabolic Open Reflector	**C**-Clear **W**-White		
LRT800B Baffle	**W**-White **B**-Black		

Dimensions



Compact Fluorescent | C4
4" Triple Tube Vertical Open Downlight, Wall Wash

Description
Vertical lamp design provides uniform light distribution with excellent brightness control. 50° visual cutoff to lamp and lamp image.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **C4V-118T-BR**

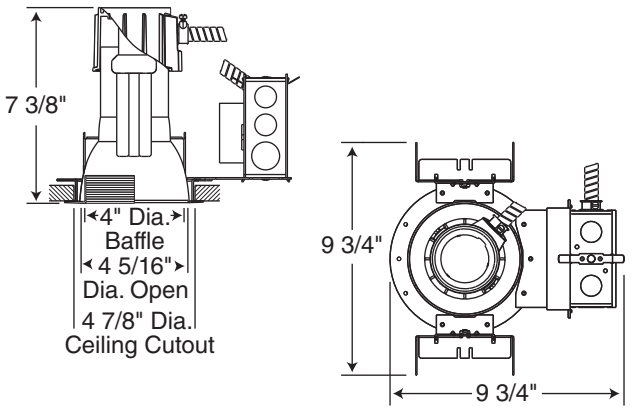
Catalog No.	Description	Options
C4V-113T	1x13W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch
C4V-118T	1x18W Triple, 4-Pin	**HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **D10**-Dimming Ballast Advance Mark 10™ (not available for 13W)[2]
C4V-126T	1x26W Triple, 4-Pin	**D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE (not available for 13W)[2] ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[1] **NV**-Non-vented Socket Cap

[1]Consult factory for availability.
[2]Add a -1 for 120V, a -2 for 277V. Example: C4V-118T-D10-1

Reflector
Ordering Example: **C400-CL-WH**

	Series		Color	Finish	Options
	C400	Open Reflector	**C**-Clear **G**-Gold **WT**-Wheat	**Low Iridescent Alzak® Finishes:** **L**-Specular **S**- Satin	**WH**-White Flange **MAX##**-Labeled for maximum wattage
	C400WS	Single Wall Wash	**PT**-Pewter **BZ**-Bronze **B**-Black	Blank for Baffle & White	(where ## = wattage)
	C400B	Baffle	**W**-White		

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA4-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.

Compact Fluorescent | C6
6" Quad Tube Vertical Open Downlight, Wall Wash

Description
Vertical lamp design provides uniform light distribution with excellent brightness control. 50° visual cutoff to lamp and lamp image.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **C6V-113Q-BR**

Catalog No.	Description	Options
C6V-113Q	1x13W Quad, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch
C6V-118Q	1x18W Quad, 4-Pin	**BN**-Emergency Battery Back-up w/Integral Test Switch (open reflector only)
C6VW-113Q	1x13W Quad, 4-Pin for Corner and Double Wall Wash Reflectors	**HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **HN**-High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only) **D10**-Dimming Ballast Advance Mark 10™ (not available for 13W)[2]
C6VW-118Q	1x18W Quad, 4-Pin for Corner and Double Wall Wash Reflectors	**D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE (not available for 13W)[2] ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[1] **NV**-Non-vented Socket Cap

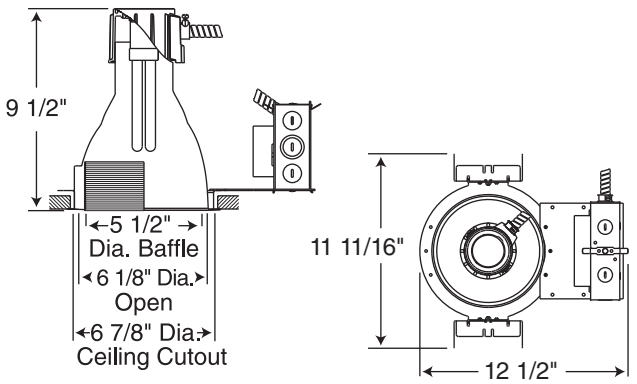
[1]Consult factory for availability.
[2]Add a -1 for 120V, a -2 for 277V. Example: C6V-118Q-D10-1

Reflector
Ordering Example: **C600-CL-WH**

	Series		Color	Finish	Options
	C600	Open Reflector	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Baffle & White	**WH**-White flange **MAX##**-Labeled for maximum wattage (where ## = wattage) **BN**-Hole for emergency test switch (open reflector only)
	C600WS **C600WD**[2] **C600WC**[2]	Single Wall Wash Double Wall Wash Corner Wall Wash			
	C600B	Baffle			
	C600X	Cross-Blade Louver			

[2]For use with C6VW rough-in only.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

Compact Fluorescent | **C6** 6" Triple Tube Vertical 26, 32 Watt Open Downlight, Wall Wash, Cross Blade Louver

Description

Vertical lamp design provides uniform light distribution with excellent brightness control. 50° visual cutoff to lamp and lamp image.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C6V-126/42T-BR**

Catalog No.	Description	Options
C6V-126/42T	1x26W or 32W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch
C6VW-126/42T	1x26W or 32W Triple, 4-Pin for Double and Corner Wall Wash Reflectors	**BN**-Emergency Battery Back-up w/Integral Test Switch (open reflector only) **HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **HN**-High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only) **D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2, 3] ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[1] **NV**-Non-vented Socket Cap

[1]Consult factory for availability.
[2]Add a -1 for 120V, a -2 for 277V.
[3]Lutron dimming ballast is wattage specific.
Example: 32W/120V = C6V-132T-DL-1
26W/277V = C6V-126T-DL-2

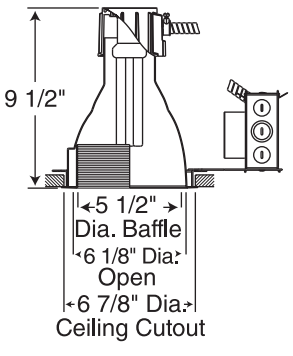
Reflector

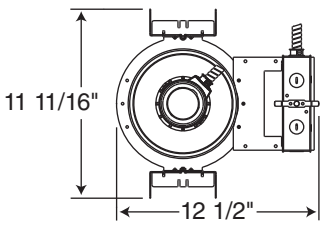
Ordering Example: **C600-CL-MAX26**

	Series		Color	Finish	Options
	C600	Open Reflector	**C**-Clear **G**-Gold **WT**-Wheat	**Low Iridescent** **Alzak® Finishes:** **L**-Specular	**WH**-White flange **MAX##**-Labeled for maximum wattage (where ## = wattage)
	C600WS **C600WD**[2] **C600WC**[2]	Single Wall Wash Double Wall Wash Corner Wall Wash	**PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**S**-Satin Blank for Baffle & White	**BN**-Hole for emergency test switch (open reflector only)
	C600B	Baffle			
	C600X	Cross-Blade Louver			

[2]For use with C6VW rough-in only.

Dimensions





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

Compact Fluorescent | **C6** 6" Triple Tube Vertical 26, 32 Watt Lenslite

Description

Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features

- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodate Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C6V-126/42T-BR**

Catalog No.	Description	Options
C6V-126/42T	1x26W or 32W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch **HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2, 3] ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[1] NV-Non-vented Socket Cap

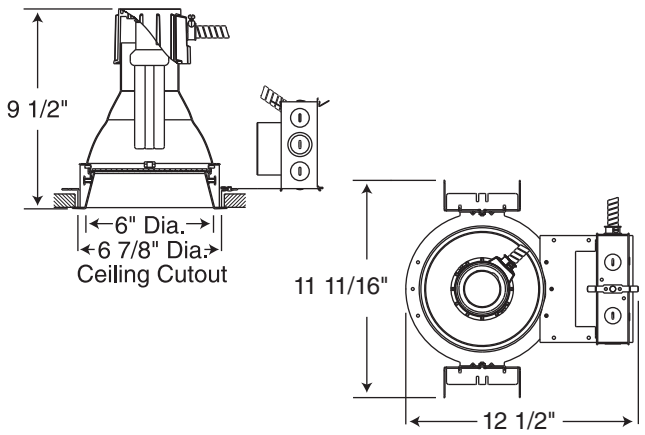
[1]Consult factory for availability.
[2]Add a -1 for 120V, a -2 for 277V.
[3]Lutron dimming ballast is wattage specific.
Example: 32W/120V = C6V-132T-DL-1
26W/277V = C6V-126T-DL-2

Lensed Trim

Ordering Example: **C600B-B-FG-MAX26**

Series		Color	Finish	Lens Type	Options
C600LC	Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Black & White	**CG**-Clear Glass **PG**-Prismatic Glass **FG**-Fresnel Glass **CP**-Clear Plastic	**WH**-White flange **MAX##**-Labeled for maximum wattage (where ## = wattage)
C600B	Lower Baffle	**BZ**-Bronze **B**-Black (Baffle Only) **W**-White		**PP**-Prismatic Plastic	**WET**-Wet Location Listing

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

Compact Fluorescent | **C6** 6" Triple Tube Vertical 42W Open Downlight, Wall Wash, Cross Blade Louver

Description

Vertical lamp design provides uniform light distribution with excellent brightness control. 50° visual cutoff to lamp and lamp image.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C6V-126/42T-BR**

Catalog No.	Description	Options
C6V-126/42T	1x42W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch
C6VW-126/42T	1x42W Triple, 4-Pin, for Double and Corner Wall Wash Reflectors	**BN**-Emergency Battery Back-up w/Integral Test Switch (open reflector only) **HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **HN**-High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only) **D10**-Dimming Ballast Advance Mark 10™[2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE[2,3] ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[1] **NV**-Non-vented Socket Cap

[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
42W/120V = C6V-142T-DL-1
42W/277W = C6V-142T-DL-2

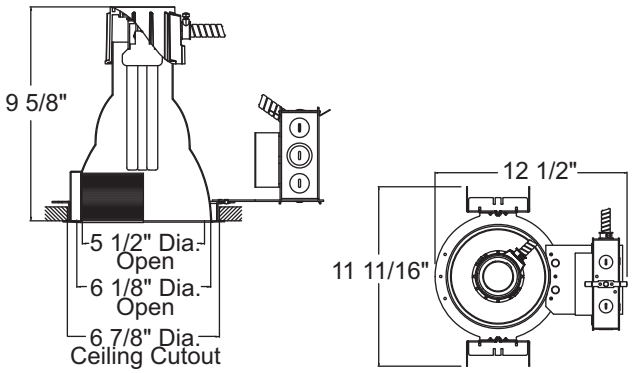
Reflector

Ordering Example: **C600-42-CL-WH**

Series		Color	Finish	Options
C600-42	Open Reflector	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent** **Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Baffle & White	**WH**-White flange **BN**-Hole for emergency test switch (open reflector only)
C600WS-42	Single Wall Wash			
C600WD-42[4]	Double Wall Wash			
C600WC-42[4]	Corner Wall Wash			
C600B-42	Baffle			
C600X-42	Cross-Blade Louver			

[4]Use with C6VW only.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

Compact Fluorescent | C6
6" Triple Tube Vertical 42W Lenslite

Description
Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodate Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **C6V-126/42T-BR**

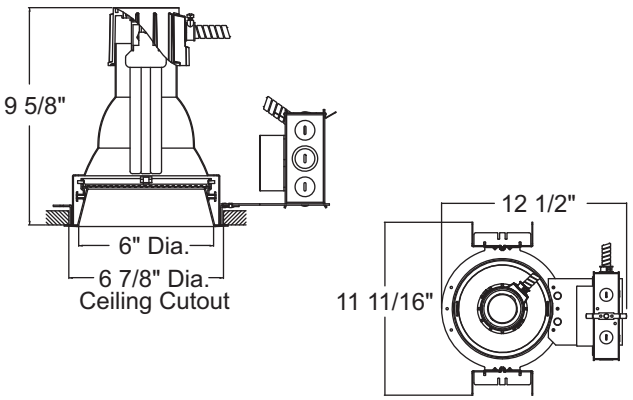
Catalog No.	Description	Options
C6V-126/42T	1x42W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch **HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **D10**-Dimming Ballast Advance Mark 10™[2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE[2,3] ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[1] **NV**-Non-vented Socket Cap

[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
42W/120V = C6V-142T-DL-1
42W/277W = C6V-142T-DL-2

Lensed Trim
Ordering Example: **C600LC-42-B-FG-WET**

Series	Color	Finish	Lens Type	Options
C600LC-42 Lower Cone	**C**-Clear	**Alzak® Finishes:**	**CG**-Clear Glass	**WH**-White flange
	G-Gold	**L**-Specular	**PG**-Prismatic Glass	**WET**-Wet Location Listing
	WT-Wheat	**S**-Satin	**FG**-Fresnel Glass	
	PT-Pewter	Blank for Black & White		
C600B-42 Lower Baffle	**BZ**-Bronze			
	B-Black (Baffle Only)			
	W-White			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

Compact Fluorescent | C8
8" Quad Tube Vertical Open Downlight, Wall Wash

Description
Vertical lamp design provides uniform light distribution with excellent brightness control. 50° visual cutoff to lamp and lamp image.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C8V-118Q-BR**

Catalog No.	Description	Options
C8V-118Q	1x18W Quad, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch
C8V-126Q	1x26W Quad, 4-Pin	**BN**-Emergency Battery Back-up w/Integral Test Switch (open reflector only)
C8VW-118Q	1x18W Quad, 4-Pin for Corner and Double Wall Wash Reflectors	**HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **HN**-High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only) **D10**-Dimming Ballast Advance Mark 10™ [2]
C8VW-126Q	1x26W Quad, 4-Pin for Corner and Double Wall Wash Reflectors	**D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2] ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[1] **NV**-Non-vented Socket Cap

[1]Consult factory for availability.
[2]Add a -1 for 120V, a -2 for 277V. Example: C8V-118Q-D10-1

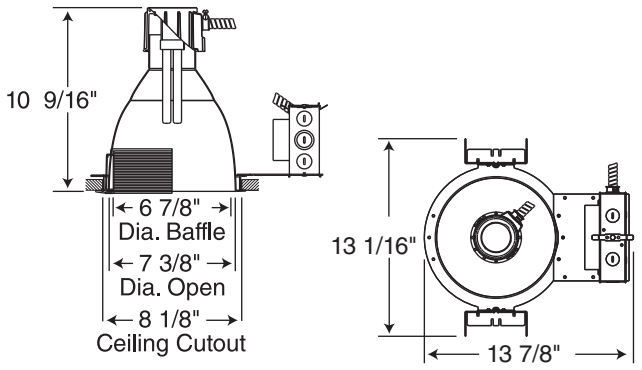
Reflector

Ordering Example: **C800-CL-WH**

	Series		Color	Finish	Options
	C800	Open Reflector	**C**-Clear **G**-Gold **WT**-Wheat	**Low Iridescent Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange **MAX##**-Labeled for maximum wattage (where ## = wattage)
	C800WS **C800WD**[2] **C800WC**[2]	Single Wall Wash Double Wall Wash Corner Wall Wash	**PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	Blank for Baffle & White	**BN**-Hole for emergency test switch (open reflector only)
	C800B	Baffle			
	C800X	Cross-Blade Louver			

[2]For use with C8VW rough-in only.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

Compact Fluorescent | **C8** 8" Triple Tube Vertical 26, 32 Watt Open Downlight, Wall Wash, Cross Blade Louver

Description

Vertical lamp design provides uniform light distribution with excellent brightness control. 50° visual cutoff to lamp and lamp image.

Features

- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C8V-126/42T-BR**

Catalog No.	Description	Options
C8V-126/42T	1x26W or 32W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch
C8VW-126/42T	1x26 or 32W Triple, 4-Pin, for Double and Corner Wall Wash Reflectors	**BN**-Emergency Battery Back-up w/Integral Test Switch (open reflector only) **HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **HN**-High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only) **D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2,3] ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[1] **NV**-Non-vented Socket Cap

[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
Example: 32W/120V = C8V-132T-DL-1
26W/277W = C8V-126T-DL-2

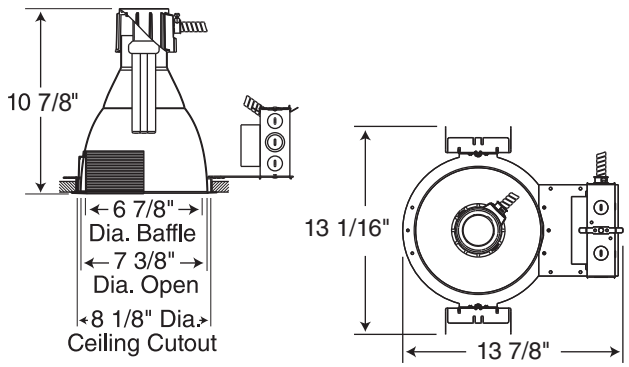
Reflector

Ordering Example: **C800-CL-WH**

	Series		Color	Finish	Options
	C800	Open Reflector	**C**-Clear **G**-Gold **WT**-Wheat	**Low Iridescent** **Alzak® Finishes:** **L**-Specular	**WH**-White flange **MAX##**-Labeled for maximum wattage (where ## = wattage)
	C800WS **C800WD**[2] **C800WC**[2]	Single Wall Wash Double Wall Wash Corner Wall Wash	**PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**S**-Satin Blank for Baffle & White	**BN**-Hole for emergency test switch (open reflector only)
	C800B	Baffle			
	C800X	Cross-Blade Louver			

[2]For use with C8VW rough-in only.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

Compact Fluorescent | C8
8" Triple Tube Vertical 26, 32 Watt Lenslite

Description
Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In
Ordering Example: **C8V-126/42T-BR**

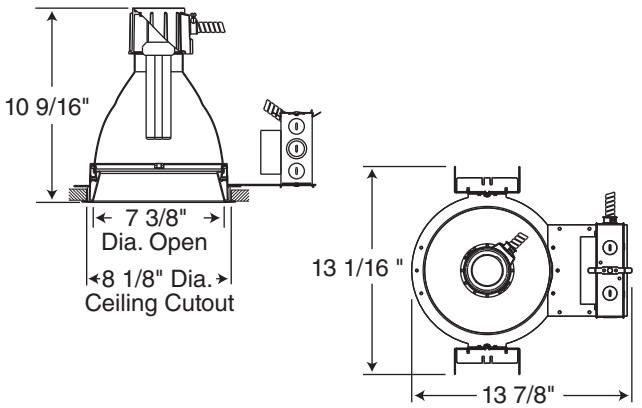
Catalog No.	Description	Options
C8V-126/42T	1x26W or 32W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch **HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2, 3] ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[1] **NV**-Non-vented Socket Cap

[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
Example: 32W/120V = C8V-132T-DL-1
26W/277W = C8V-126T-DL-2

Lensed Trim
Ordering Example: **C800B-B-FG-WET**

	Series		Color	Finish	Lens Type	Options
	C800LC	Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Black & White	**CG**-Clear Glass **PG**-Prismatic Glass **FG**-Fresnel Glass **CP**-Clear Plastic **PP**-Prismatic Plastic	**WH**-White flange **MAX##**-Labeled for maximum wattage (where ## = wattage) **WET**-Wet Location Listing
	C800B	Lower Baffle	**BZ**-Bronze **B**-Black (Baffle Only) **W**-White			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

Compact Fluorescent | C8
8" Triple Tube Vertical 42W Open Downlight, Wall Wash

Description
Vertical lamp design provides uniform light distribution with excellent brightness control. 45° visual cutoff to lamp and lamp image.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **C8VW-126/42T-BR**

Catalog No.	Description	Options
C8V-126/42T	1x42W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch **BN**-Emergency Battery Back-up w/Integral Test Switch (open reflector only) **HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **HN**-High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only) **D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2, 3] ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[1] **NV**-Non-vented Socket Cap
C8VW-126/42T	1x42W Triple, 4-Pin, for Double and Corner Wall Wash Reflectors	

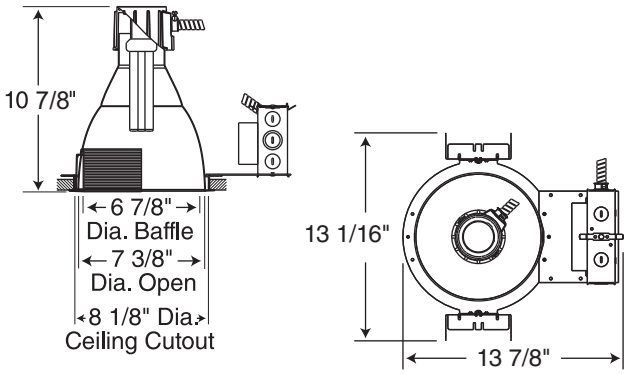
[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
Example: 42W/120V = C8V-142T-DL-1
42W/277W = C8V-142T-DL-2

Reflector
Ordering Example: **C800WD-42-CL-WH**

Series		Color	Finish	Options
C800-42	Open Reflector, Narrow	**C**-Clear	**Low Iridescent**	**WH**-White flange
C800W-42	Open Reflector, Wide	**G**-Gold	**Alzak® Finishes:**	**BN**-Hole for emergency test switch (open reflector only)
		WT-Wheat	**L**-Specular	
C800WS-42	Single Wall Wash	**PT**-Pewter	**S**-Satin	
C800WD-42[2]	Double Wall Wash	**BZ**-Bronze	Blank for Baffle & White	
C800WC-42[2]	Corner Wall Wash	**B**-Black		
		W-White		
C800B-42	Baffle			

[2]For use with C8VW rough-in only.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

Compact Fluorescent | C8
8" Triple Tube Vertical 42W Lenslite

Description
Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **C8V-126/42T-BR**

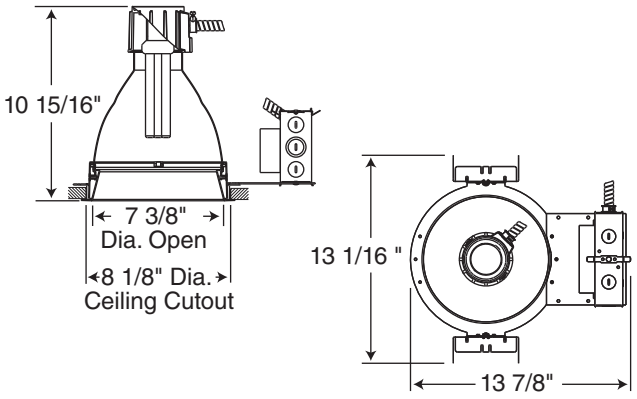
Catalog No.	Description	Options
C8V-126/42T	1x42W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch **HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2, 3] ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[1] **NV**-Non-vented Socket Cap

[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
Example: 42W/120V = C8V-142T-DL-1
42W/277W = C8V-142T-DL-2

Lensed Trim
Ordering Example: **C800B-42-B-FG-WET**

	Series		Color	Finish	Lens Type	Options
	C800LC-42	Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Black & White	**CG**-Clear Glass **PG**-Prismatic Glass **FG**-Fresnel Glass	**WH**-White flange **WET**-Wet Location Listing
	C800B-42	Lower Baffle	**BZ**-Bronze **B**-Black (Baffle Only) **W**-White			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

Compact Fluorescent | C9
9" Triple Tube Vertical Open Downlight, Wall Wash

Description
Vertical lamp design provides uniform light distribution with excellent brightness control. 45° visual cutoff to lamp and lamp image.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **C9V-126/42T-BR**

Catalog No.	Description	Options
C9V-126/42T	1x42W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch
C9VW-126/42T	1x42W Triple, 4-Pin, for Double and Corner Wall Wash Reflectors	**BN**-Emergency Battery Back-up w/Integral Test Switch (open reflector only) **HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **HN**-High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only) **D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2, 3] ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[1] **NV**-Non-vented Socket Cap

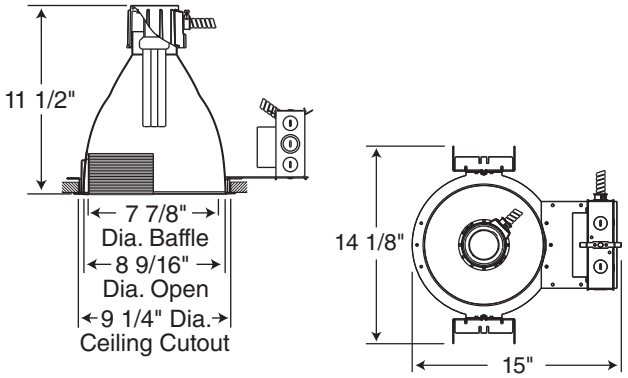
[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
Example: 42W/120V = C9V-142T-DL-1
42W/277W = C9V-142T-DL-2

Reflector
Ordering Example: **C900-CL-WH**

Series		Color	Finish	Options
C900	Open Reflector	**C**-Clear **G**-Gold **WT**-Wheat	**Low Iridescent** **Alzak® Finishes:** **L**-Specular	**WH**-White flange **MAX##-**Labeled for maximum wattage (where ## = wattage)
C900WS	Single Wall Wash	**PT**-Pewter	**S**-Satin	
C900WD[4]	Double Wall Wash	**BZ**-Bronze	Blank for Baffle & White	**BN**-Hole for emergency test switch (open reflector only)
C900WC[4]	Corner Wall Wash	**B**-Black		
		W-White		
C900B	Baffle			

[4]For use with C9VW rough-in only.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA9-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA9-20.

Compact Fluorescent | C9
9" Triple Tube Vertical Lenslite

Description
Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Vented die cast socket housing maximizes lamp life and performance
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In
Ordering Example: **C9V-126/42T-BR**

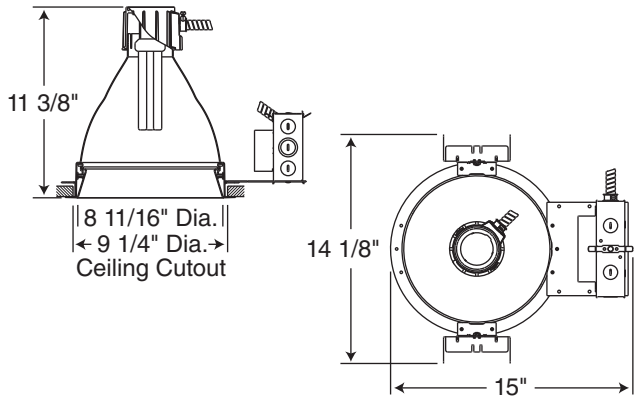
Catalog No.	Description	Options
C9V-126/42T	1x42W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch **HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2, 3] ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[1] **NV**-Non-vented Socket Cap

[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
Example: 42W/120V = C9V-142T-DL-1
42W/277W = C9V-142T-DL-2

Lensed Trim
Ordering Example: **C900B-B-PG-WH**

Series		Color	Finish	Lens Type	Options
C900LC	Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Black & White	**CG**-Clear Glass **PG**-Prismatic Glass **FG**-Fresnel Glass **CP**-Clear Plastic **PP**-Prismatic Plastic	**WH**-White flange **MAX##**-Labeled for maximum wattage (where ## = wattage) **WET**-Wet Location Listing
C900B	Lower Baffle	**BZ**-Bronze **B**-Black (Baffle Only) **W**-White			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA9-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA9-20.

Compact Fluorescent | C6
6" Quad Tube Horizontal Open Downlight, Wall Wash, Cross Blade Louver

Description
Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with very good brightness control. 55° visual cutoff to lamp and lamp image.

Features
- Low iridescent finishes eliminate"rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **C6H-113Q-BR**

Catalog No.	Description
C6H-113Q	1x13W Quad, 4-Pin
C6H-213Q	2x13W Quad, 4-Pin
C6H-118Q	1x18W Quad, 4-Pin
C6H-218Q	2x18W Quad, 4-Pin
C6H-126Q	1x26W Quad, 4-Pin
C6H-226Q	2x26W Quad, 4-Pin

[1]Consult factory for availability.

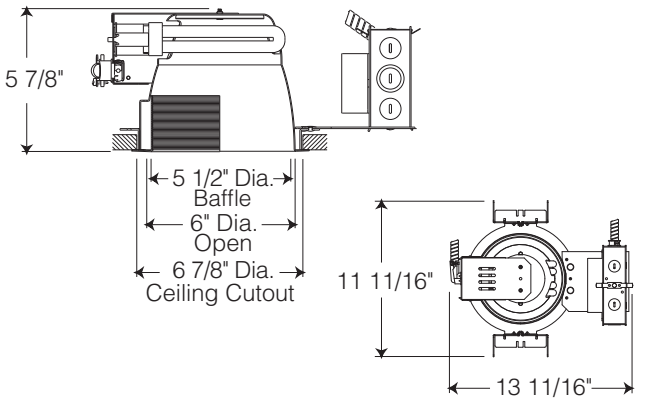
[2]Add a -1 for 120V, a -2 for 277V. Example: C6H-118Q-D10-1

Options
347-347 Volt
BR-Emergency Battery Back-up w/Remote Switch
BN-Emergency Battery Back-up w/Integral Test Switch (open reflector only)
HR-High-Lumen Emergency Battery Back-up w/Remote Switch
HN-High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only)
D10-Dimming Ballast Advance Mark 10™ (not available for 13W)[2]
D7-Dimming Ballast Advance Mark 7™
DL-Dimming Ballast Lutron Compact SE (not available for 13W)[2]
***F**-Fuse and Fuse Holder (where *** = voltage)
2S-Dual Level Switching
CP-Chicago Plenum[1]

Reflector
Ordering Example: **C650-CL-WH**

Series		Color	Finish	Options
C650	Open Reflector, 1 Lamp	**C**-Clear	**Low Iridescent**	**BN**-Hole for emergency
C652	Open Reflector, 2 Lamp	**G**-Gold	**Alzak® Finishes:**	test switch (open
		WT-Wheat	**L**-Specular	reflector only)
C650WS	Single Wall Wash, 1 Lamp	**PT**-Pewter	**S**-Satin	**WH**-White flange
C652WS	Single Wall Wash, 2 Lamp	**BZ**-Bronze	Blank for Baffle & White	**MAX##**-Labeled for
		B-Black		maximum wattage (where
C650B-Q	Baffle, 1 Lamp	**W**-White		## = wattage)
C652B-Q	Baffle, 2 Lamp			
C650X-Q	Cross-Blade Louver, 1 Lamp			
C652X-Q	Cross-Blade Louver, 2 Lamp			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

Compact Fluorescent | C6
6" Quad Tube Horizontal Lenslite

Description
Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In

Ordering Example: **C6H-118Q-BR**

Catalog No.	Description	Options
C6H-113Q	1x13W Quad, 4-Pin	**347**-347 Volt
C6H-213Q	2x13W Quad, 4-Pin	**BR**-Emergency Battery Back-up w/Remote Switch
C6H-118Q	1x18W Quad, 4-Pin	**HR**-High-Lumen Emergency Battery Back-up w/Remote Switch
C6H-218Q	2x18W Quad, 4-Pin	**D10**-Dimming Ballast Advance Mark 10™ (not available for 13W)[2]
C6H-126Q	1x26W Quad, 4-Pin	**D7**-Dimming Ballast Advance Mark 7™
C6H-226Q	2x26W Quad, 4-Pin	**DL**-Dimming Ballast Lutron Compact SE (not available for 13W)[2]
		***F**-Fuse and Fuse Holder (where *** = voltage)
		2S-Dual Level Switching
		CP-Chicago Plenum[1]

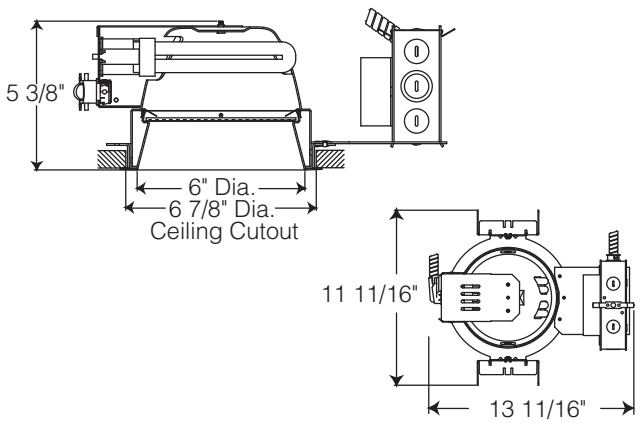
[1]Consult factory for availability.
[2]Add a -1 for 120V, a -2 for 277V. Example: C6H-118Q-D10-1

Lensed Trim

Ordering Example: **C650B-Q-B-FG-WH**

Series		Color	Finish	Lens Type	Options
C650LC-Q	Lower Cone, 1 Lamp	**C**-Clear	**Alzak® Finishes:**	**CG**-Clear Glass	**WH**-White flange
		G-Gold	**L**-Specular	**PG**-Prismatic Glass	**MAX##**-Labeled for maximum wattage (where ## = wattage)
C652LC-Q	Lower Cone, 2 Lamp	**WT**-Wheat	**S**-Satin	**FG**-Fresnel Glass	
		PT-Pewter	Blank for Black & White	**CP**-Clear Plastic	
C650B-Q	Lower Baffle, 1 Lamp	**BZ**-Bronze		**PP**-Prismatic Plastic	**WET**-Wet Location Listing
		B-Black (Baffle Only)			
C652B-Q	Lower Baffle, 2 Lamp	**W**-White			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

Compact Fluorescent | C6
6" Triple Tube Horizontal Open Downlight, Wall Wash, Cross Blade Louver

Description
Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with very good brightness control. 55° visual cutoff to lamp and lamp image.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **C6H-126/42T-BR**

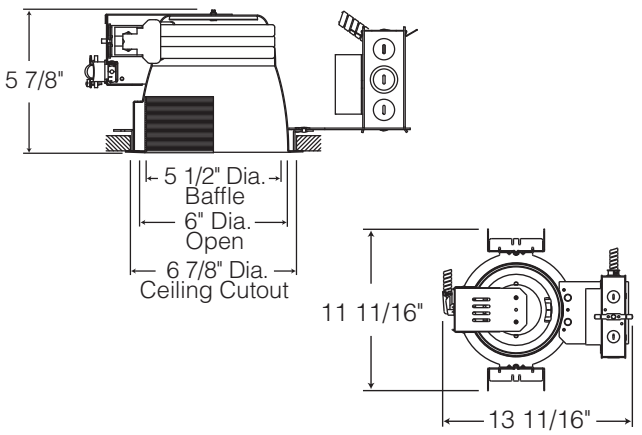
Catalog No.	Description	Options
C6H-126/42T	1x26W or 32W or 42W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up with Remote Switch **BN**-Emergency Battery Back-up with Integral Test Switch (open reflector only) **HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **HN**-High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only) **D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2, 3] *****F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[1]

[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
Example: 42W/120V = C6H-142T-DL-1
42W/277W = C6H-142T-DL-2

Reflector
Ordering Example: **C650WS-CL-WH**

	Series		Color	Finish	Options
	C650	Open Reflector	**C**-Clear **G**-Gold **WT**-Wheat	**Low Iridescent** **Alzak® Finishes:** **L**-Specular	**BN**-Hole for emergency test switch (open reflector only)
	C650WS	Single Wall Wash	**PT**-Pewter **BZ**-Bronze **B**-Black	**S**-Satin Blank for Baffle & White	**WH**-White flange **MAX##**-Labeled for maximum wattage (where ## = wattage)
	C650B-T	Baffle	**W**-White		
	C650X-T	Cross-Blade Louver			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

Compact Fluorescent | C6
6" Triple Tube Horizontal Lenslite

Description
Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In

Ordering Example: **C6H-126/42T-BR**

Catalog No.	Description	Options
C6H-126/42T	1x26W or 32W or 42W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up with Remote Switch **HR**-High-Lumen Emergency Battery Back-up with Remote Switch **D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2,3] *****F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[1]

[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
Example: 42W/120V = C6H-142T-DL-1
42W/277W = C6H-142T-DL-2

Lensed Trim

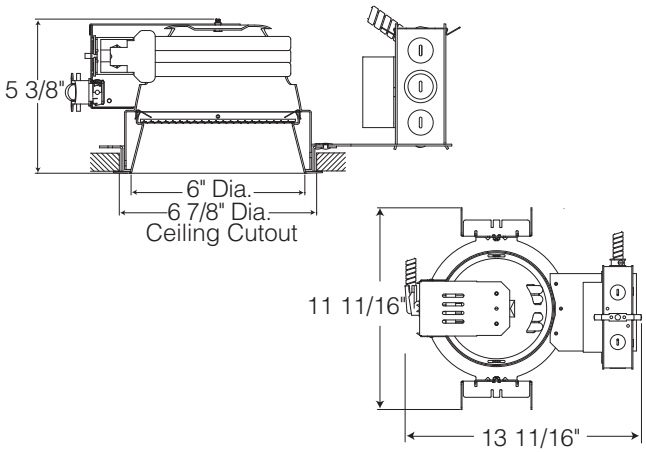
Ordering Example: **C650B-T-B-PG-WET**

C650LC-T Lower Cone

C650B-T Lower Baffle

Color	Finish	Lens Type	Options
C-Clear	**Alzak® Finishes:**	**CG**-Clear Glass	**WH**-White flange
G-Gold	**L**-Specular	**PG**-Prismatic Glass	**MAX##**-Labeled for maximum wattage (where ## = wattage)
WT-Wheat	**S**-Satin	**FG**-Fresnel Glass	
PT-Pewter	Blank for Black & White	**CP**-Clear Plastic	
BZ-Bronze		**PP**-Prismatic Plastic	**WET**-Wet Location Listing
B-Black (Baffle Only)			
W-White			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

Compact Fluorescent | C6
6" Triple Tube Spread Lens Wall Wash

Description
Provides uniform illumination of vertical surface without scallops.

Features
- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **C6AW-126/42T**

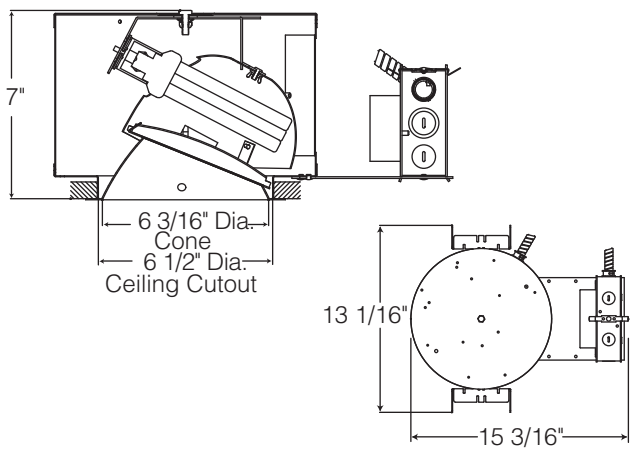
Catalog No.	Description	Options
C6AW-126/42T	1x26W or 32W or 42W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up with Remote Switch **HR**-High-Lumen Emergency Battery Back-up with Remote Switch **D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2,3] *****F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum [1]

[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
Example: 42W/120V = C6AW-142T-DL-1
42W/277W = C6AW-142T-DL-2

Reflector
Ordering Example: **C6WL-CL-WH**

Series		Color	Finish	Options
C6WL	Spread Lens Wall Wash	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **W**-White	**Low Iridescent** **Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Baffle & White	**WH**-White flange **MAX##**-Labeled for maximum wattage (where ## = wattage)

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

Compact Fluorescent | C8
8" Quad Tube Horizontal Open Downlight, Wall Wash

Description
Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with very good brightness control. 55° visual cutoff to lamp and lamp image.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **C8H-118Q-BR**

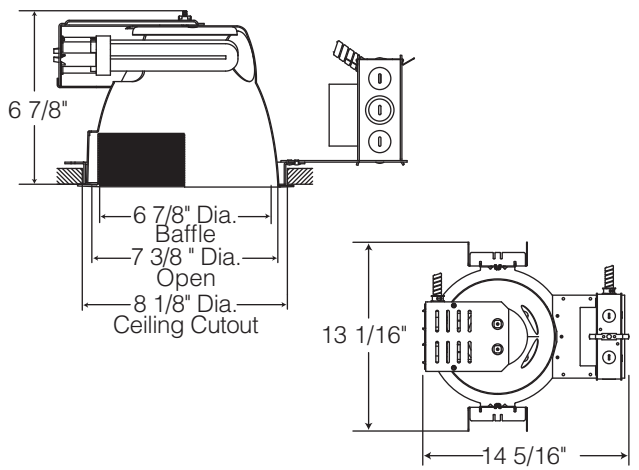
Catalog No.	Description	Options
C8H-118Q	1x18W Quad, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up with Remote Switch
C8H-218Q	2x18W Quad, 4-Pin	**BN**-Emergency Battery Back-up with Integral Test Switch (open reflector only)
C8H-126Q	1x26W Quad, 4-Pin	**HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **HN**-High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only)
C8H-226Q	2x26W Quad, 4-Pin	**D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2] *****F**-Fuse and Fuse Holder (where *** = voltage) **2S**-Dual Level Switching **CP**-Chicago Plenum[1]

[1]Consult factory for availability.
[2]Add a -1 for 120V, a -2 for 277V. Example: C8H-118Q-D10-1

Reflector
Ordering Example: **C850-CL-WH**

Series		Color	Finish	Options
C850	Open Reflector, 1 Lamp	**C**-Clear	**Low Iridescent**	**BN**-Hole for emergency
C852	Open Reflector, 2 Lamp	**G**-Gold **WT**-Wheat	**Alzak® Finishes:** **L**-Specular	test switch (open reflector only)
C850WS	Single Wall Wash, 1 Lamp	**PT**-Pewter	**S**-Satin	**WH**-White flange
C852WS	Single Wall Wash, 2 Lamp	**BZ**-Bronze **B**-Black	Blank for Baffle & White	**MAX##**-Labeled for maximum wattage (where ## = wattage)
C850B-Q	Baffle, 1 Lamp	**W**-White		
C852B-Q	Baffle, 2 Lamp			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

Compact Fluorescent | C8
8" Quad Tube Horizontal Lenslite

Description
Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In
Ordering Example: **C8H-218Q-2S**

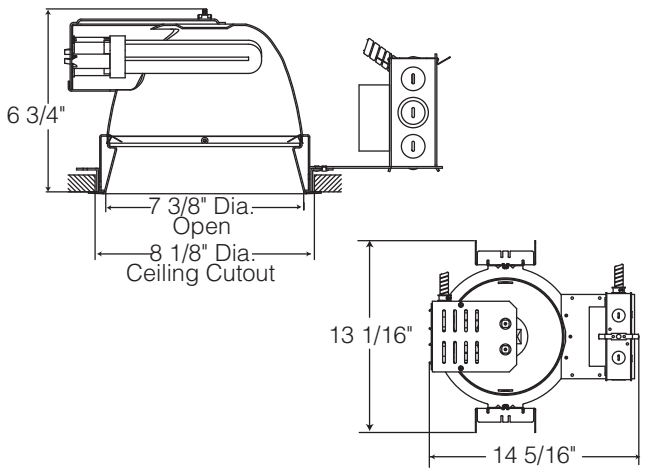
Catalog No.	Description	Options
C8H-118Q	1x18W Quad, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch
C8H-218Q	2x18W Quad, 4-Pin	**HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **D10**-Dimming Ballast Advance Mark 10™ [2]
C8H-126Q	1x26W Quad, 4-Pin	**D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2]
C8H-226Q	2x26W Quad, 4-Pin	***F**-Fuse and Fuse Holder (where *** = voltage) **2S**-Dual Level Switching **CP**-Chicago Plenum[1]

[1]Consult factory for availability.
[2]Add a -1 for 120V, a -2 for 277V. Example: C8H-118Q-D10-1

Lensed Trim
Ordering Example: **C900B-B-PG-WH**

Series		Color	Finish	Lens Type	Options
C850LC-Q	Lower Cone, 1 Lamp	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black (Baffle Only) **W**-White	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Black & White	**CG**-Clear Glass **PG**-Prismatic Glass **FG**-Fresnel Glass **CP**-Clear Plastic **PP**-Prismatic Plastic	**WH**-White flange **MAX##**-Labeled for maximum wattage (where ## = wattage) **WET**-Wet Location Listing
C852LC-Q	Lower Cone, 2 Lamp				
C850B-Q	Lower Baffle, 1 Lamp				
C852B-Q	Lower Baffle, 2 Lamp				

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

Compact Fluorescent | C8
8" Quad Tube Horizontal Dropped Disk Design

Description
Drop disk design adds a luminous design element to a space while providing shielding for the light source.

Features
- Dropped disk design provides a subtle glow to the ceiling plane
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C8HD-118Q-BR**

Catalog No.	Description	Options
C8HD-118Q	1x18W Quad, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up with Remote Switch
C8HD-218Q	2x18W Quad, 4-Pin	**HR**-High-Lumen Emergency Battery Back-up with Remote Switch **D10**-Dimming Ballast Advance Mark 10™ [2]
C8HD-126Q	1x26W Quad, 4-Pin	**D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2]
C8HD-226Q	2x26W Quad, 4-Pin	***F**-Fuse and Fuse Holder (where *** = voltage) **2S**-Dual Level Switching **CP**-Chicago Plenum[1]

[1]Consult factory for availability.

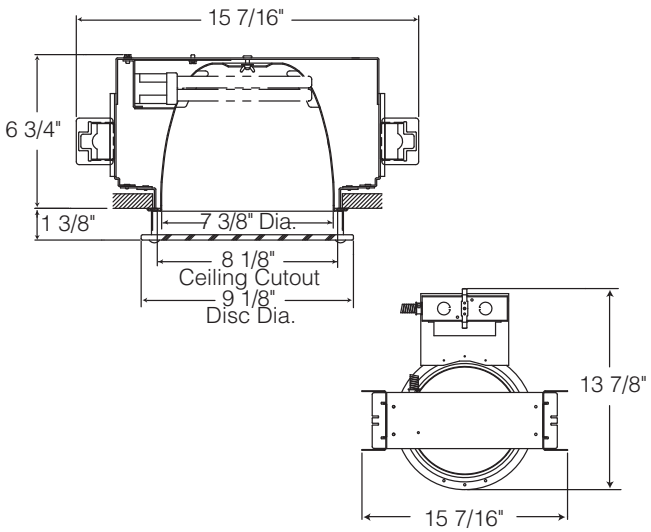
[2]Add a -1 for 120V, a -2 for 277V. Example: C8HD-118Q-D10-1

Reflector

Ordering Example: **C850-Q-CL-FD-MAX18**

Series		Options
C850-Q-CL-FD	Dropped Disk, 1 Lamp Self flanged clear Alzak® reflector	**MAX##**-Labeled for maximum wattage (where ## = wattage)
C852-Q-CL-FD	Dropped Disk, 2 Lamp Self flanged clear Alzak® reflector	
C850-Q-CL-FD2	Dropped Double Disk, 1 Lamp Self flanged clear Alzak® reflector	**WH**-White flange
C852-Q-CL-FD2	Dropped Double Disk, 2 Lamp Self flanged clear Alzak® reflector	

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

Compact Fluorescent | C8
8" Quad Tube Horizontal Shallow Cross-Blade Louver

Description
Low profile is ideal for restricted plenum depth applications.

Features
- Ultra-low profile provides maximum clearance in tight installations
- Cross-blade louver minimizes glare
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **C8HX-218Q-BR**

Catalog No.	Description	Options
C8HX-218Q	2x18W Quad, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up with Remote Switch
C8HX-226Q	2x26W Quad, 4-Pin	**HR**-High-Lumen Emergency Battery Back-up with Remote Switch **D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2] *****F**-Fuse and Fuse Holder (where *** = voltage) **2S**-Dual Level Switching **CP**-Chicago Plenum[1]

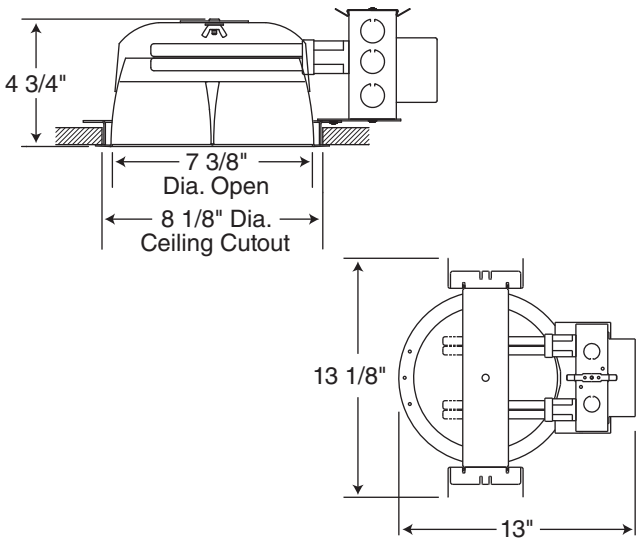
[1]Consult factory for availability.
[2]Add a -1 for 120V, a -2 for 277V. Example: C8HX-218Q-D10-1

Reflector
Ordering Example: **C852X-CS**

Series		Color	Finish[3]	Options
C852X	Cross-Blade Louver for Downlighting	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze	**Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange **MAX##**-Labeled for maximum wattage (where ## = wattage)

[3]Cross-Blade Louver comes standard with Satin finish. Consult factory for Specular Louver.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

Compact Fluorescent | C8
8" Quad Tube Spread Lens Wall Wash

Description
Provides uniform illumination of vertical surface without scallops.

Features
- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **C8AW-218Q-BR**

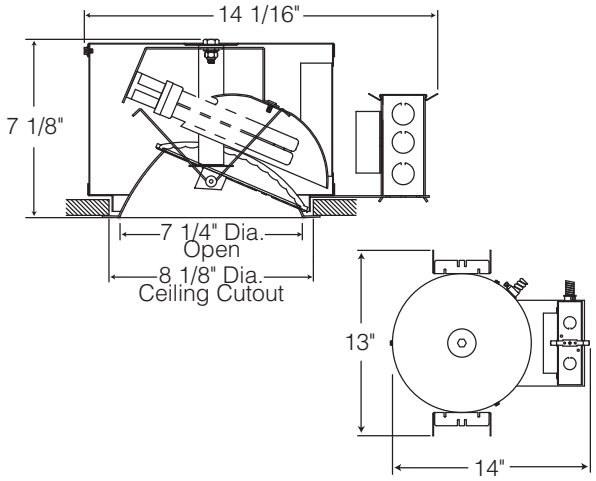
Catalog No.	Description	Options
C8AW-218Q	2x18W Quad, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up with Remote Switch
C8AW-226Q	2x26W Quad, 4-Pin	**HR**-High-Lumen Emergency Battery Back-up with Remote Switch **D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2] *****F**-Fuse and Fuse Holder (where *** = voltage) **2S**-Dual Level Switching **CP**-Chicago Plenum[1]

[1]Consult factory for availability.
[2]Add a -1 for 120V, a -2 for 277V. Example: C8AW-218Q-D10-1

Lensed Trim
Ordering Example: **C8WL-CL-WH**

Series		Color	Finish	Options
C8WL	Spread Lens Wall Wash	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **W**-White	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White	**WH**-White flange **MAX##**-Labeled for maximum wattage (where ## = wattage)

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

Compact Fluorescent | C8
8" Triple Tube Horizontal Open Downlight, Wall Wash

Description
Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with very good brightness control. 55° visual cutoff to lamp and lamp image.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **C8H-126/42T-2S**

Catalog No.	Description
C8H-126/42T	1x26W or 32W or 42W Triple, 4-Pin
C8H-226/42T	2x26W or 32W or 42W Triple, 4-Pin

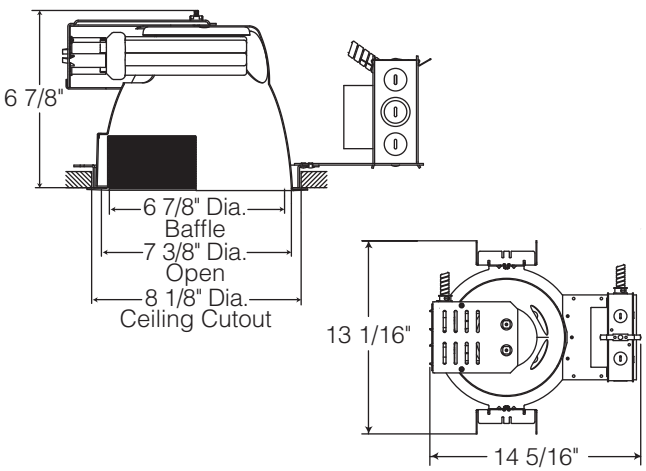
[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
Example: 42W/120V = C8H-142T-DL-
142W/277W = C8H-142T-DL-2

Options
347-347 Volt
BR-Emergency Battery Back-up with Remote Switch
BN-Emergency Battery Back-up with Integral Test Switch (open reflector only)
HR-High-Lumen Emergency Battery Back-up with Remote Switch
HN-High-Lumen Emergency Battery Back-up with Integral Test Switch (open reflector only)
D10-Dimming Ballast Advance Mark 10™ [2]
D7-Dimming Ballast Advance Mark 7™
DL-Dimming Ballast Lutron Compact SE [2, 3]
*****F**-Fuse and Fuse Holder (where *** = voltage)
2S-Dual Level Switching
CP-Chicago Plenum[1]

Reflector
Ordering Example: **C850-CL-MAX26**

Series		Color	Finish	Options
C850	Open Reflector, 1 Lamp	**C**-Clear	**Low Iridescent**	**BN**-Hole for Emergency
C852	Open Reflector, 2 Lamp	**G**-Gold	**Alzak® Finishes:**	Test switch (open reflector only)
		WT-Wheat	**L**-Specular	**WH**-White flange
C850WS	Single Wall Wash, 1 Lamp	**PT**-Pewter	**S**-Satin	**MAX##**-Labeled for
C852WS	Single Wall Wash, 2 Lamp	**BZ**-Bronze	Blank for Baffle & White	maximum wattage (where
		B-Black		## = wattage)
C850B-T	Baffle, 1 Lamp	**W**-White		
C852B-T	Baffle, 2 Lamp			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

Compact Fluorescent | C8
8" Triple Tube Horizontal Lenslite

Description
Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In
Ordering Example: **C8H-226/42T-2S**

Catalog No.	Description
C8H-126/42T	1x26W or 32W or 42W Triple, 4-Pin
C8H-226/42T	2x26W or 32W or 42W Triple, 4-Pin

[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
Example: 42W/120V = C8H-142T-DL-1|
42W/277W = C8H-142T-DL-2

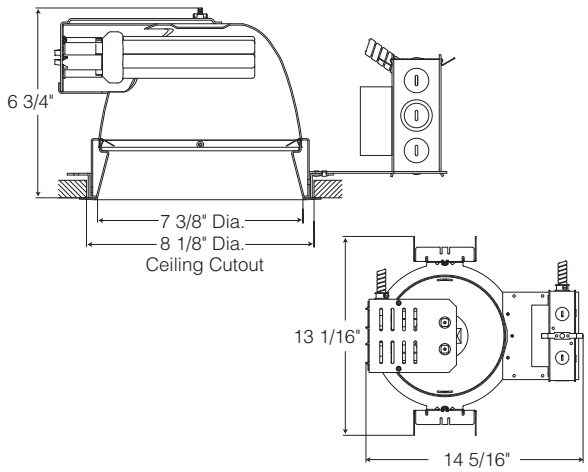
Options
347-347 Volt
BR-Emergency Battery Back-up with Remote Switch
HR-High-Lumen Emergency Battery Back-up with Remote Switch
D10-Dimming Ballast Advance Mark 10™ [2]
D7-Dimming Ballast Advance Mark 7™
DL-Dimming Ballast Lutron Compact SE [2, 3]
*****F**-Fuse and Fuse Holder (where *** = voltage)
2S-Dual Level Switching
CP-Chicago Plenum[1]

Lensed Trim
Ordering Example: **C852B-T-B-FG**

Series		Color	Finish	Lens Type	Options
C850LC-T	Lower Cone, 1 Lamp	**C**-Clear	**Alzak® Finishes:**	**CG**-Clear Glass	**WH**-White flange
C852LC-T	Lower Cone, 2 Lamp	**G**-Gold	**L**-Specular	**PG**-Prismatic Glass	**MAX##-**Labeled for maximum wattage (where ## = wattage)
		WT-Wheat	**S**-Satin	**FG**-Fresnel Glass	
C850B-T	Lower Baffle, 1 Lamp	**PT**-Pewter	Blank for Black & White	**CP**-Clear Plastic[4]	
C852B-T	Lower Baffle, 2 Lamp	**BZ**-Bronze		**PP**-Prismatic Plastic[4]	**WET**-Wet Location Listing
		B-Black (Baffle Only)			
		W-White			

[4]For use with 1 lamp fixtures only.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter

*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

Compact Fluorescent | C8
8" Triple Tube Horizontal Shallow Cross-Blade Louver

Description
Low profile is ideal for restricted plenum depth applications.

Features
- Ultra-low profile provides maximum clearance in tight installations
- Cross-blade louver minimizes glare
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In
Ordering Example: **C8HX-226/42T-BR**

Catalog No.	Description	Options
C8HX-226/42T	2x26W or 32W or 42W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch **HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2, 3] *****F**-Fuse and Fuse Holder (where *** = voltage) **2S**-Dual Level Switching **CP**-Chicago Plenum[1]

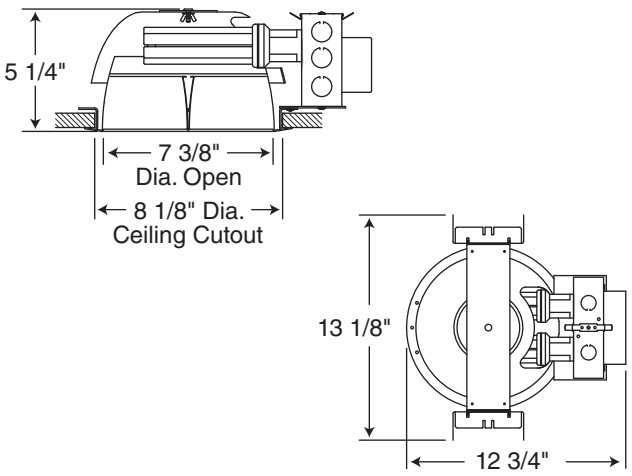
[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
Example: 42W/120V = C8HX-242T-DL-
142W/277W = C8HX-242T-DL-2

Reflector
Ordering Example: **C852X-CS**

Series		Color	Finish[4]	Options
C852X	Cross-Blade Louver for Downlighting	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze	**Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange **MAX##**-Labeled for maximum wattage (where ## = wattage)

[4]Cross-Blade Louver comes standard with Satin finish. Consult factory for Specular Louver.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

Compact Fluorescent | C8
8" Triple Tube Spread Lens Wall Wash

Description
Provides uniform illumination of vertical surface without scallops.

Features
- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **C8AW-126/42T-BR**

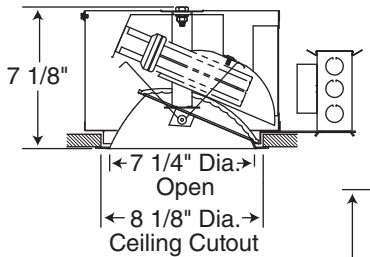
Catalog No.	Description	Options
C8AW-126/42T	1x26W or 32W or 42W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch **HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2, 3] ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[1]

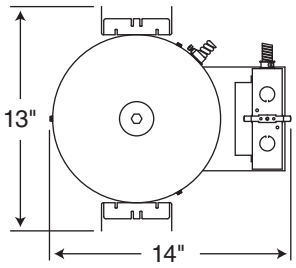
[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
Example: 42W/120V = C8AW-142T-DL-1
42W/277W = C8AW-142T-DL-2

Lensed Trim
Ordering Example: **C8WL-CL-WH**

Series		Color	Finish	Options
C8WL	Spread Lens Wall Wash	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **W**-White	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White	**WH**-White flange **MAX##**-Labeled for maximum wattage (where ## = wattage)

Dimensions

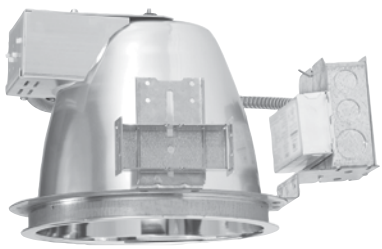




Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

Compact Fluorescent | C9
9" Quad Tube Horizontal Open Downlight, Wall Wash



Description
Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with very good brightness control. 55° visual cutoff to lamp and lamp image.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **C9H-118Q-BR**

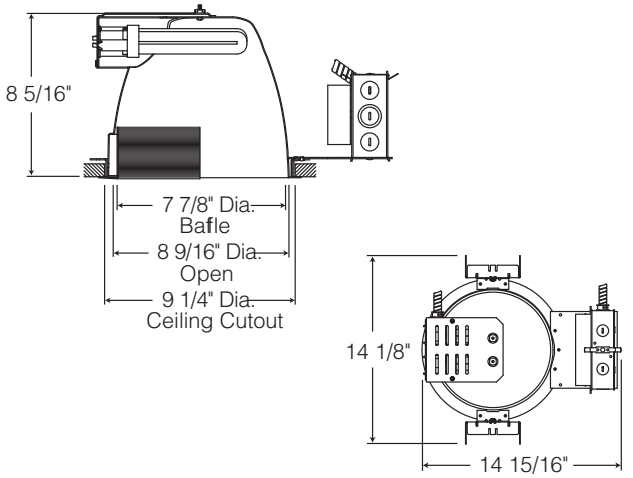
Catalog No.	Description	Options
C9H-118Q	1x18W Quad, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch
C9H-218Q	2x18W Quad, 4-Pin	**BN**-Emergency Battery Back-up w/Integral Test Switch **HR**-High-Lumen Emergency Battery Back-up w/Remote Switch
C9H-126Q	1x26W Quad, 4-Pin	**HN**-High-Lumen Emergency Battery Back-up with Integral Test Switch (open reflector only)
C9H-226Q	2x26W Quad, 4-Pin	**D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2, 3] ***F**-Fuse and Fuse Holder (where *** = voltage) **2S**-Dual Level Switching **CP**-Chicago Plenum[1]

[1]Consult factory for availability.
[2]Add a -1 for 120V, a -2 for 277V.
[3]Lutron Dimming Ballast is wattage specific. Example: C9H-118Q-D10-1

Reflector
Ordering Example: **C952-CL-WH**

	Series		Color	Finish	Options
	C952	Open Reflector, 1 or 2 Lamp	**C**-Clear **G**-Gold **WT**-Wheat	**Low Iridescent** **Alzak® Finishes:** **L**-Specular **S**-Satin	**BN**-Hole for Emergency Test switch **WH**-White flange
	C952WS	Single Wall Wash, 1 or 2 Lamp	**PT**-Pewter **BZ**-Bronze **B**-Black	Blank for Baffle & White	**MAX##**-Labeled for maximum wattage (where ## = wattage)
	C952B	Baffle, 1 or 2 Lamp	**W**-White		

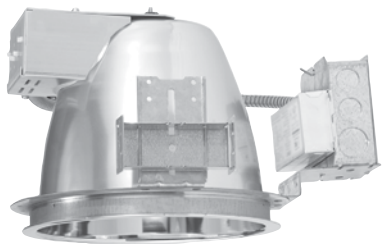
Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA9-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA9-20.

Compact Fluorescent | C9
9" Triple Tube Horizontal Open Downlight, Wall Wash



Description
Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with very good brightness control. 55° visual cutoff to lamp and lamp image.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **C9H-126/42T-BR**

Catalog No.	Description
C9H-126/42T	1x26W or 32W or 42W Triple, 4-Pin
C9H-226/42T	2x26W or 32W or 42W Triple, 4-Pin

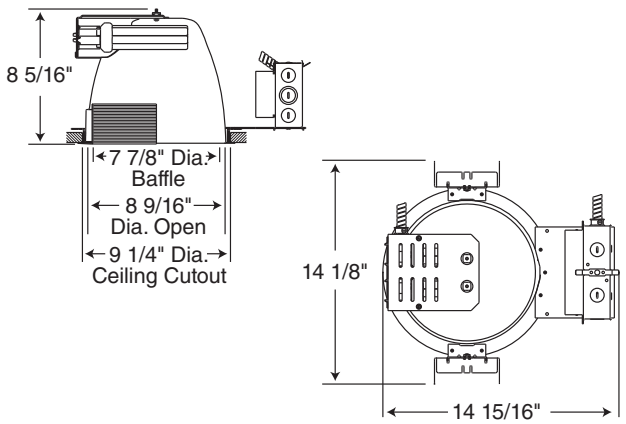
[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
Example: 42W/120V = C9H-142T-DL-1
42W/277W = C9H-142T-DL-2

Options
347-347 Volt
BR-Emergency Battery Back-up w/Remote Switch
BN-Emergency Battery Back-up w/Integral Test Switch (open reflector only)
HR-High-Lumen Emergency Battery Back-up w/Remote Switch
HN-High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only)
D10-Dimming Ballast Advance Mark 10™ [2]
D7-Dimming Ballast Advance Mark 7™
DL-Dimming Ballast Lutron Compact SE [2, 3]
***F**-Fuse and Fuse Holder (where *** = voltage)
2S-Dual Level Switching
CP-Chicago Plenum[1]

Reflector
Ordering Example: **C952-CL-WH**

Series		Color	Finish	Options
C952	Open Reflector, 1 or 2 Lamp	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Baffle & White	**BN**-Hole for Emergency Test switch (open reflector only) **WH**-White flange **MAX##**-Labeled for maximum wattage (where ## = wattage)
C952WS	Single Wall Wash, 1 or 2 Lamp			
C952B	Baffle, 1 or 2 Lamp			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA9-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA9-20.

Compact Fluorescent | C9
9" Triple Tube Horizontal Lenslite

Description
Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In
Ordering Example: **C9H-226/42T-2S**

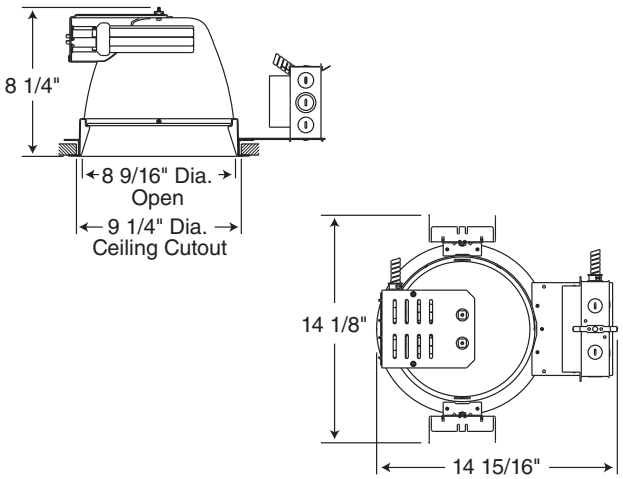
Catalog No.	Description	Options
C9H-226/42T	2x26W or 32W or 42W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch **HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2, 3] ***F**-Fuse and Fuse Holder (where *** = voltage) **2S**-Dual Level Switching **CP**-Chicago Plenum[1]

[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
Example: 42W/120V = C9H-242T-DL-1
42W/277W = C9H-242T-DL-2

Lensed Trim
Ordering Example: **C952B-T-B-PG-WH**

Series		Color	Finish	Lens Type	Options
C952LC-T	Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Black & White	**CG**-Clear Glass **PG**-Prismatic Glass **FG**-Fresnel Glass **CP**-Clear Plastic **PP**-Prismatic Plastic	**WH**-White flange **MAX##**-Labeled for maximum wattage (where ## = wattage) **WET**-Wet Location Listing
C952B-T	Lower Baffle	**BZ**-Bronze **B**-Black (Baffle Only) **W**-White			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA9-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA9-20.

Compact Fluorescent | C9
9" Triple Tube Horizontal Dropped Disk Design

Description
Drop disk design adds a luminous design element to a space while providing shielding for the light source.

Features
- Dropped disk design provides a subtle glow to the ceiling plane
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp location

Rough-In
Ordering Example: **C9HD-126/42T-BR**

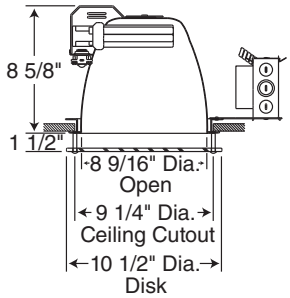
Catalog No.	Description	Options
C9HD-126/42T	1x26W or 32W or 42W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch **HR**-High-Lumen Emergency Battery Back-up w/Remote Switch
C9HD-226/42T	2x26W or 32W or 42W Triple, 4-Pin	**D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2, 3] ***F**-Fuse and Fuse Holder (where *** = voltage) **2S**-Dual Level Switching **CP**-Chicago Plenum[1]

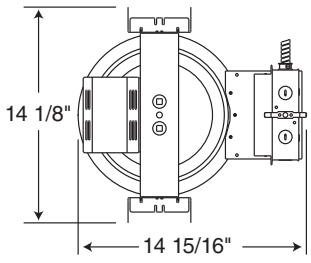
[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
Example: 42W/120V = C9HD-142T-DL-1
42W/277W = C9HD-142T-DL-2

Reflector
Ordering Example: **C952-T-CL-FD-WH**

Catalog No.		Options
C952-T-CL-FD	Dropped Disk, Self flanged clear Alzak® reflector 1 or 2 Lamp	**WH**-White flange **MAX##**-Labeled for maximum wattage (where ## = wattage)
C952-T-WTL-FD	Dropped Disk, Self flanged wheat Alzak® reflector 1 or 2 Lamp	

Dimensions





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA9-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA9-20.

Compact Fluorescent | C9
9" Triple Tube Horizontal Shallow Cross-Blade Louver

Description
Low profile is ideal for restricted plenum depth applications.

Features
- Ultra-low profile provides maximum clearance in tight installations
- Cross-blade louver minimizes glare
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp location

Rough-In
Ordering Example: **C9HX-226/42T-BR**

Catalog No.	Description	Options
C9HX-226/42T	2x26W or 32W or 42W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch **HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2,3] ***F**-Fuse and Fuse Holder (where *** = voltage) **2S**-Dual Level Switching **CP**-Chicago Plenum[1]

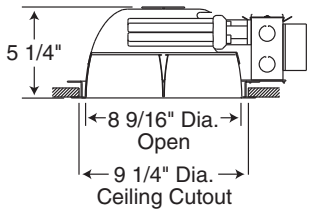
[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
Example: 42W/120V = C9HX-242T-DL-1
42W/277W = C9HX-242T-DL-2

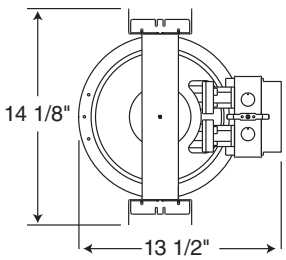
Reflector
Ordering Example: **C952X-CS**

Series		Color	Finish	Options
C952X	Cross-Blade Louver for Downlighting	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **WH**-White	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White	**WH**-White flange **MAX##**-Labeled for maximum wattage (where ## = wattage)

[2]Cross-Blade Louver comes standard with Satin finish. Consult factory for Specular Louver.

Dimensions





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA9-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA9-20.

Compact Fluorescent | C9
9" Triple Tube Angle Cone Wall Wash

Description
Ideal for areas where higher intensity wall wash illumination is required.

Features
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp location

Rough-In

Ordering Example: **C9AW-226/42T-2S**

Catalog No.	Description	Options
C9AW-226/42T	2x26W or 32W or 42W Triple, 4-Pin	**347**-347 Volt **BR**-Emergency Battery Back-up w/Remote Switch **HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **D10**-Dimming Ballast Advance Mark 10™ [2] **D7**-Dimming Ballast Advance Mark 7™ **DL**-Dimming Ballast Lutron Compact SE [2, 3] ***F**-Fuse and Fuse Holder (where *** = voltage) **2S**-Dual Level Switching **CP**-Chicago Plenum[1]

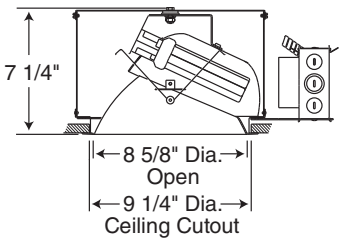
[1]Consult factory for availability.
[2]Add a-1 for 120V, a-2 for 277V.
[3]Lutron Dimming Ballast is wattage specific.
Example: 42W/120V = C9AW-242T-DL-1
42W/277W = C9AW-242T-DL-2

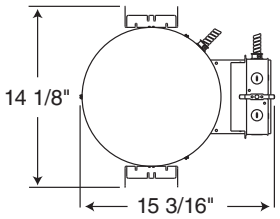
Reflector

Ordering Example: **C9A-CL-WH**

Series		Color	Finish	Options
C9A	Angle Cone Wall Wash	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **W**-White	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White	**WH**-White flange **MAX##**-Labeled for maximum wattage (where ## = wattage)

Dimensions





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

Compact Fluorescent | C12
12" Triple Tube Horizontal Open Downlight

Description
High lumen output source is ideal for areas with high ceilings. 65° visual cutoff to lamp and lamp image.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- 120/277 universal voltage HPF electronic ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **C12H-257T-120F**

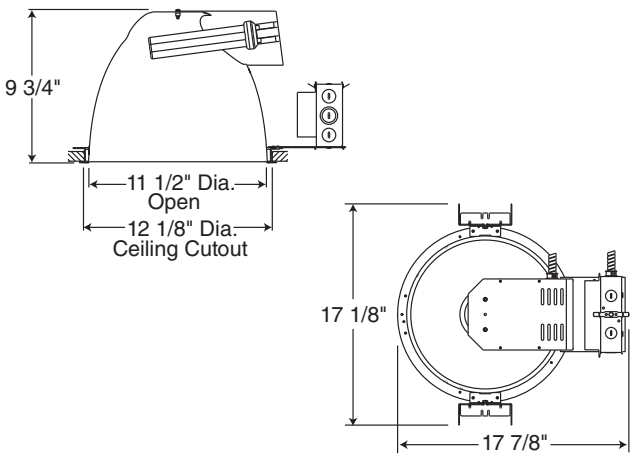
Catalog No.	Description	Options
C12H-257T	2x57W Triple, 4-Pin	***F**-Fuse and Fuse Holder (where *** = voltage) **D10**-Dimming Ballast Advance Mark 10™ (for 57W & 70W only)
C12H-170T	1x70W Triple, 4-Pin	**BR**-Emergency Battery Back-up w/Remote Switch **BN**-Emergency Battery Back-up w/Integral Test Switch
C12H-185T	1x85W Triple, 4-Pin	**HR**-High-Lumen Emergency Battery Back-up w/Remote Switch **HN**-High-Lumen Emergency Battery Back-up w/Integral Test Switch (open reflector only) **DS**-Dual Switching (for 2 x 57W only)

Reflector

Ordering Example: **C1252-T-CL-WH**

Series		Color	Finish	Options
C1252-T	Open Reflector	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **W**-White	**Low Iridescent** **Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White	**WH**-White flange **BN**-Hole for Emergency Test Switch

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

Fluorescent | C12
12" Square Parabolic for Long Twin Tube 4 Cell

Description
Louvers consist of parabolic shaped cellular baffles providing excellent bare lamp cutoff.

Features
Housing Constructed of 22-gauge cold rolled steel, die formed for strength and rigidity • Pre-punched with knockouts and supplied with access plate for supply connection • Reflecting surfaces of housing are baked white enamel with minimum reflectance of 89% • Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars • 3/4" max. ceiling thickness, consult factory for thicker ceilings

Parabolic Louver Fabricated from anodized aluminum with semi-specular clear low-iridescent finish • Flat flange incorporated to conceal ceiling cutout

Electrical Ballasts are high frequency, high power factor electronic • Sockets are 2G11 base and made from high strength thermoplastic

Listings UL/C-UL Listed for damp locations

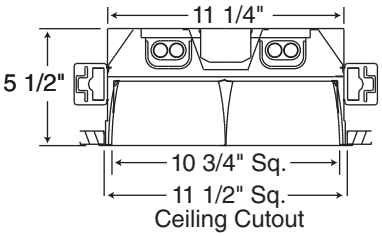
Ordering Information

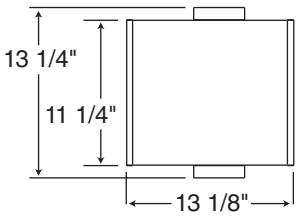
Catalog No.	Lamps	Input Voltage
C12SQ-218-4-120	2x18W: F18BX/RS or DULUX® L 18W or PL-L 18W	120V
C12SQ-218-4-277	2x18W: F18BX/RS or DULUX® L 18W or PL-L 18W	277V
C12SQ-227-4-120	2x24/27W: F27BX or DULUX® L 27W or PL-L 24W	120V
C12SQ-227-4-277	2x24/27W: F27BX or DULUX® L 27W or PL-L 24W	277V

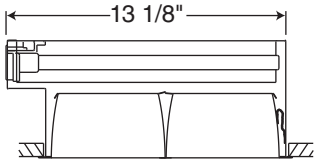
Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

Dimensions







Fluorescent | C12
12" Square Parabolic for Long Twin Tube 9 Cell

Description
Louvers consist of parabolic shaped cellular baffles providing excellent bare lamp cutoff.

Features
Housing Constructed of 22-gauge cold rolled steel, die formed for strength and rigidity • Pre-punched with knockouts and supplied with access plate for supply connection • Reflecting surfaces of housing are baked white enamel with minimum reflectance of 89% • Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars • 3/4" max. ceiling thickness, consult factory for thicker ceilings

Parabolic Louver Fabricated from anodized aluminum with semi-specular clear low-iridescent finish • Flat flange incorporated to conceal ceiling cutout

Electrical Ballasts are high frequency, high power factor electronic • Sockets are 2G11 base and made from high strength thermoplastic

Listings UL/C-UL Listed for damp locations

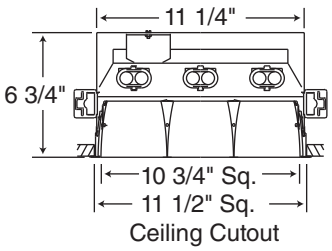
Ordering Information

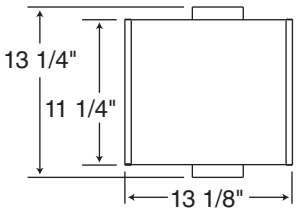
Catalog No.	Lamps	Input Voltage
C12SQ-318-9-120	3x18W: F18BX/RS or DULUX® L 18W or PL-L 18W	120V
C12SQ-318-9-277	3x18W: F18BX/RS or DULUX® L 18W or PL-L 18W	277V
C12SQ-327-9-120	3x24/27W: F27BX or DULUX® L 27W or PL-L 24W	120V
C12SQ-327-9-277	3x24/27W: F27BX or DULUX® L 27W or PL-L 24W	277V

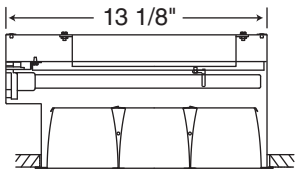
Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

Dimensions







Induction | **N9**
9" QL Lamp Open Downlight, Cross-Blade Louver

Description
Ideal for areas where relamping is difficult or expensive. 65° visual cutoff to lamp and lamp image.

Features
- 100,000 hour lamp life provided by induction source
- Lamp included with fixture, 3000K color temperature standard
- Lamp is powered by high frequency generator
- Lower cones and cross-blade louvers have self-flange trim of same finish. Painted white flange is optional
- Specular clear Alzak® upper reflector
- Baffles have painted white flange
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp location

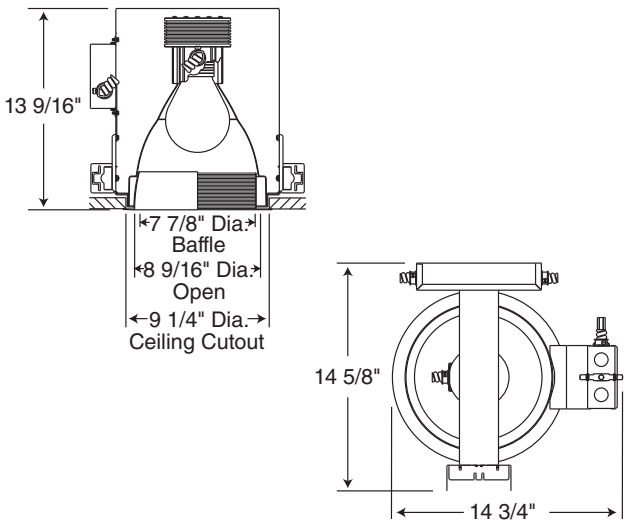
Rough-In
Ordering Example: **N9V-185QL-120-F**

Catalog No.	Description	Options
N9V-185QL-120	1X85W QL Lamp (3000K lamp included), 120V Input	**F**-Fuse and Fuse Holder **4K**-4000K Lamp
N9V-185QL-277	1X85W QL Lamp (3000K lamp included), 277V Input	**5K**-5000K Lamp

Reflector
Ordering Example: **NQL900LC-CL-WH**

	Series		Color	Finish	Options
	NQL900LC	Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat	**Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange **WET**-Wet Location Listing
	NQL900B	Lower Baffle	**PT**-Pewter **BZ**-Bronze **B**-Black	Blank for Baffle & White	
	NQL900X	Cross-Blade Louver	**W**-White		

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA9-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA9-20.

Induction | **N9**
9" QL Lamp Lenslite

Description
Ideal for areas where relamping is difficult or expensive.

Features
- 100,000 hour lamp life provided by induction source
- Lamp included with fixture, 3000K color temperature standard
- Lamp is powered by high frequency generator
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

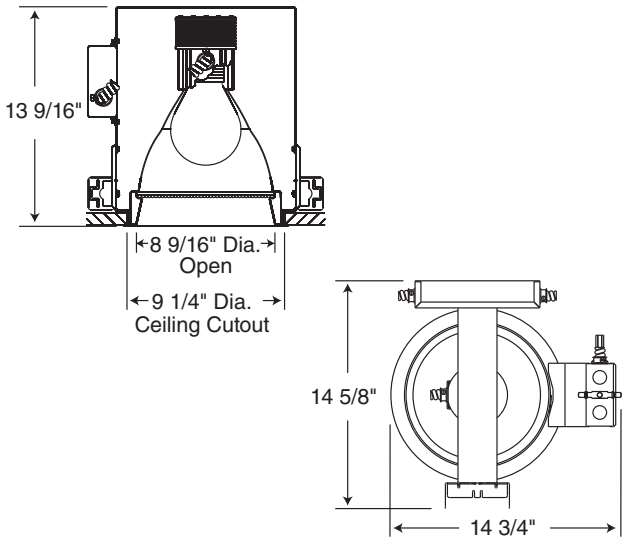
Rough-In
Ordering Example: **N9V-185QL-120-F**

Catalog No.	Description	Options
N9V-185QL-120	1x85W QL Lamp (3000K lamp included), 120V Input	**F**-Fuse and Fuse Holder **4K**-4000K Lamp
N9V-185QL-277	1x85W QL Lamp (3000K lamp included), 277V Input	**5K**-5000K Lamp

Lensed Trim
Ordering Example: **NQL900B-B-PG-WET**

Series	Color	Finish	Lens Type	Options
NQL900LC Lower Cone **NQL900B** Lower Baffle	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black (Baffle Only) **W**-White	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Black & White	**PG**-Prismatic Glass **FG**-Fresnel Glass	**WH**-White flange **WET**-Wet Location Listing

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA9-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA9-20.

Induction | **N12**
12" QL Lamp Open Downlight, Cross-Blade Louver

Description
Ideal for areas where relamping is difficult or expensive.
65° visual cutoff to lamp and lamp image.

Features
- 100,000 hour lamp life provided by induction source
- Lamp included with fixture, 3000K color temperature standard
- Lamp is powered by high frequency generator
- Lower cones and cross-blade louvers have self-flange trim of same finish. Painted white flange is optional
- Specular clear Alzak® upper reflector
- Baffles have painted white flange
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

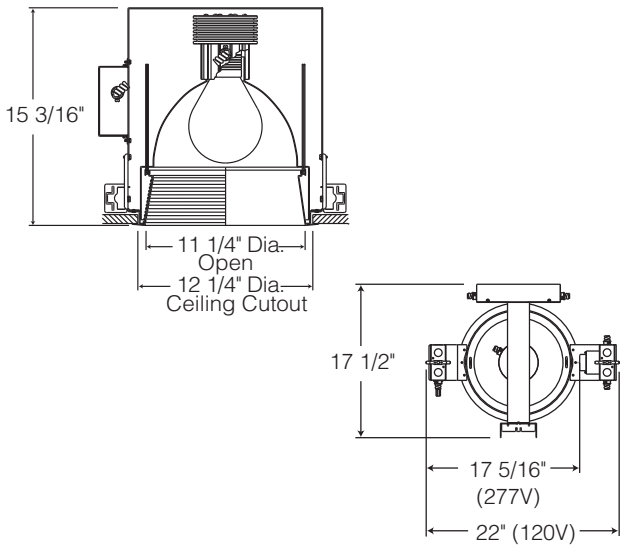
Rough-In
Ordering Example: **N12V-1165QL-120-F**

Catalog No.	Description	Options
N12V-1165QL-120	1x165W QL Lamp (3000K lamp included), 120V Input	**F**-Fuse and Fuse Holder **4K**-4000K Lamp
N12V-1165QL-277	1x165W QL Lamp (3000K lamp included), 277V Input	**5K**-5000K Lamp

Reflector
Ordering Example: **NQL1200LC-CL-WH**

	Series		Color	Finish	Options
	NQL1200LC	Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat	**Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange
	NQL1200B	Lower Baffle	**PT**-Pewter **BZ**-Bronze **B**-Black	Blank for Baffle & White	
	NQL1200X	Cross-Blade Louver	**W**-White		

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

Induction | **N12**
12" QL Lamp Lenslite

Description
Ideal for areas where relamping is difficult or expensive.

Features
- 100,000 hour lamp life provided by induction source
- Lamp included with fixture, 3000K color temperature standard
- Lamp is powered by high frequency generator
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

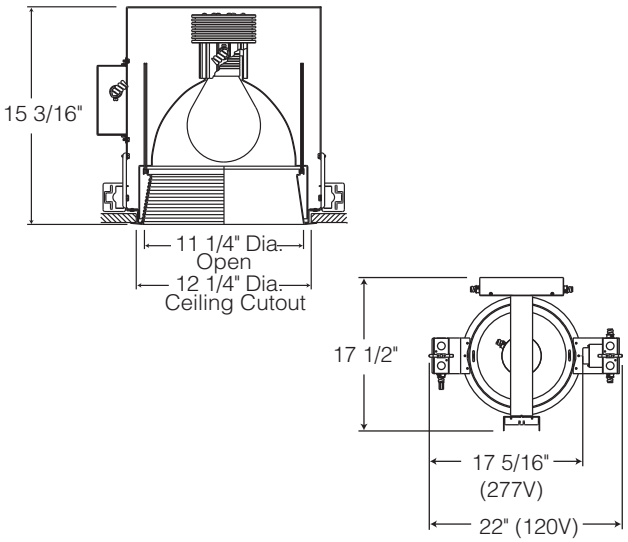
Rough-In
Ordering Example: **N12V-1165QL-120-F**

Catalog No.	Description	Options
N12V-1165QL-120	1x165W QL Lamp (3000K lamp included), 120V Input	**F**-Fuse and Fuse Holder **4K**-4000K Lamp
N12V-1165QL-277	1x165W QL Lamp (3000K lamp included), 277V Input	**5K**-5000K Lamp

Lensed Trim
Ordering Example: **NQL1200B-B-PG-WET**

Series		Color	Finish	Lens Type	Options
NQL1200LC	Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat	**Alzak® Finishes:** **L**-Specular **S**-Satin	**PG**-Prismatic Glass **FG**-Fresnel Glass	**WH**-White flange **WET**-Wet Location Listing
NQL1200B	Lower Baffle	**PT**-Pewter **BZ**-Bronze **B**-Black (Baffle Only) **W**-White	Blank for Black & White		

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

Induction | **N12**
12" ICETRON® Lamp Open Downlight, Cross-Blade Louver

Description
Ideal for areas where relamping is difficult or expensive. 65° visual cutoff to lamp and lamp image.

Features
- 100,000 hour lamp life provided by induction source
- Lamp included with fixture, 3500K color temperature standard
- Lamp is powered by high frequency generator
- Upper reflector is high reflectance white
- Lower cones and cross-blade louvers have self-flange trim of same finish. Painted white flange is optional
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **N12V-110R-120-F**

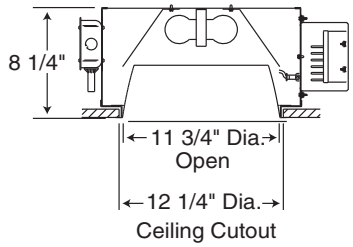
Catalog No.	Description	Options
N12V-1100R-120	1x100W ICETRON® Lamp (3500K Lamp included), 120V Input	**F**-Fuse and Fuse Holder **4K**-4100K
N12V-1100R-277	1x100W ICETRON® Lamp (3500K Lamp included), 277V Input	**5K**-5000K

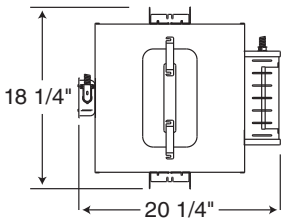
Reflector

Ordering Example: **NR1200LC-CL-WH**

Series	Color	Finish	Options
NR1200LC Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat	**Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange **WET**-Wet Location Listing
NR1200X Cross-Blade Louver	**PT**-Pewter **BZ**-Bronze **W**-White	Blank for White	

Dimensions





Accessories

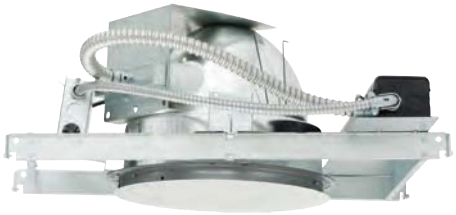
Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

There are many applications where lamp maintenance is difficult, costly or security is a concern. Due to their long life, Metal Halide lamps can help to reduce these concerns, but longer maintenance cycles are still desirable. In addition, one of the disadvantages of Metal Halide lamps is that they do not immediately restrike upon temporary power loss. They can take up to five minutes to cool before restriking.

The Indy Dura-Life System cuts your lamp maintenance in half!
The unique, Indy Dura-Life system offers extra-long relamping cycles. The patented design economically doubles the operating lamp life of an HID downlight without sacrificing light output or efficiency.

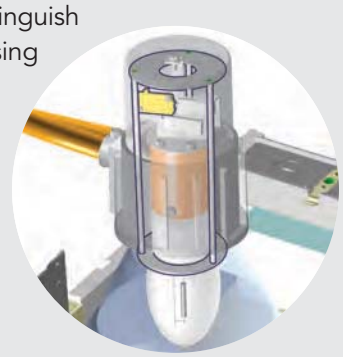
These ingenious luminaires utilize two metal halide lamps and selectively ignite the lamp with the fewest operating hours, thus burning one lamp at a time until both lamps reach end-of-life. The result is a luminaire that operates two times longer than a standard single lamp luminaire, therefore cutting lamp replacement and maintenance in half. In addition, restrike time is typically instantaneous for the non-energized lamp.

Indy HID Dura-Life System features:
- Patented twin-lamp system operates one lamp at a time, doubling relamping cycles.
- Uses energy efficient, long-life T6, ED17 or BT/ED28 ceramic metal halide lamps.
- Near instantaneous restrike for non-energized lamp.
- Recessed models include 25" Tru-Lock proprietary bar hanger system for grid ceiling installation.
- Cylinder models can be installed as surface, wall mount or pendants with the optional pendant mounting kit.
- UL/C-UL Listed.
- A host of options and accessories enhances both functionality and versatility.



HID Lamp Sensing Switch

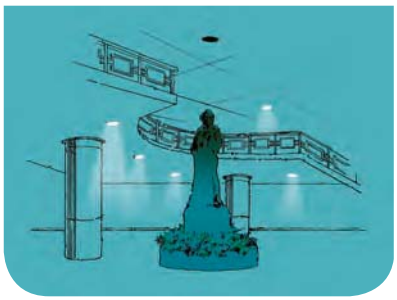
Lamp maintenance can be costly and time consuming. Because electronic ballasts have sensing circuits to detect the end of lamp life, a ballast connected to an inoperative lamp will likely be in a "shut down" mode. When the lamp is replaced, the power to the ballast must be cycled off and back on for the ballast to re-start the lamp. However, when the power is cycled off and back on via a circuit breaker or switch, other fixtures on the same circuit will extinguish and not come back on until the lamps cool. Lamp maintenance can be simplified by using Indy's patent pending Lamp Sensing Switch option. When the lamp is removed, the switch automatically cuts the power between the ballast and the primary. When a new lamp is installed, power is automatically restored to the ballast.



Ordering is easy, simply add the "-SW" suffix to the rough-in catalog number as shown in the ordering matrix

Illustrated below is a typical lamp replacement scenario. The Indy Lamp Sensing Switch eliminates these problems.

Specifier's intended design



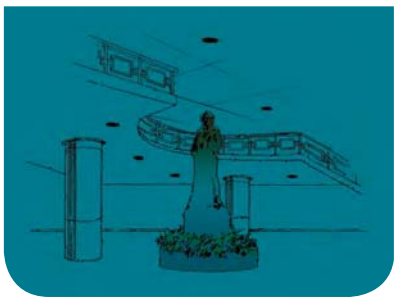
Specifier's inevitable fate

Attempt to minimize down time

New lamp doesn't work

Results in lost time and money

Turn off power to circuit



All lamps on circuit will extinguish…
…room goes dark

Light is finally restored

HID | M4
4" T4 Vertical Ceramic Metal Halide Open Downlight

Description
Vertical CMH downlight features a 4" open aperture and spot, narrow flood, and flood beam distributions.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Small, inconspicuous aperture
- Lamp Holder: T4/T4.5 – G8.5 bi-pin socket base with recessed female contacts • 1A, 750V, rated for 5KV pulse • T4 Mini – Twist and lock GU6.5 base; 2A, 250V rated for 5KV pulse • BT5 – Twist and lock PGJ5 base; 2A, 250V rated for 2.5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M4-T4M-20E**

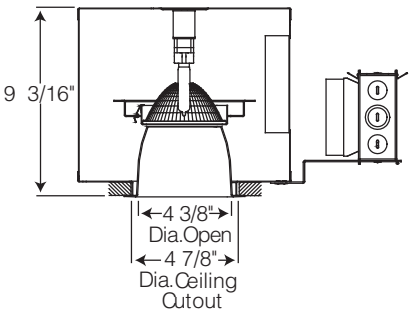
Catalog No.	Description	Options
M4-T4-20E	20W T4/T4.5 MH lamp, (G8.5 base) 120/277V Electronic Ballast	**347**-347 Volt[1]
M4-T4-39E	39W T4/T4.5 MH lamp, (G8.5 base) 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder
M4-T4-70E	70W T4/T4.5 MH lamp, (G8.5 base) 120/277V Electronic Ballast	(where *** = voltage)
M4-TM-20E	20W T4 Mini MH lamp, (GU6.5 base) 120/277V Electronic Ballast	**CP**-Chicago Plenum[1]
M4-TM-39E	39W T4 Mini MH lamp (GU6.5 base) 120/277V Electronic Ballast	**SW**-Lamp Sensing Switch for Electronic Ballast
M4-BT-20E1	20W BT5 MH lamp, (PGJ5 base) 120V Electronic Ballast	

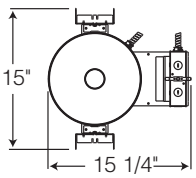
[1]Consult factory for availability.

Reflector
Ordering Example: **MT400S-CL**

Series		Color	Finish	Options
MT400S	Open Reflector Spot Beam	**C**-Clear **G**-Gold **WT**-Wheat	**Low Iridescent Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange
MT400N	Open Reflector, Narrow Flood Beam	**PT**-Pewter **BZ**-Bronze **B**-Black	Blank for White	
MT400F	Open Reflector, Flood Beam	**W**-White		

Dimensions





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.

HID | **M4**
4" T6/T4.5 Vertical Ceramic Metal Halide Open Downlight

Description
Vertical CMH downlight features a 4" open aperture and spot, narrow flood, and flood beam distributions.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Small, inconspicuous aperture
- Lamp Holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M4-T6-70E**

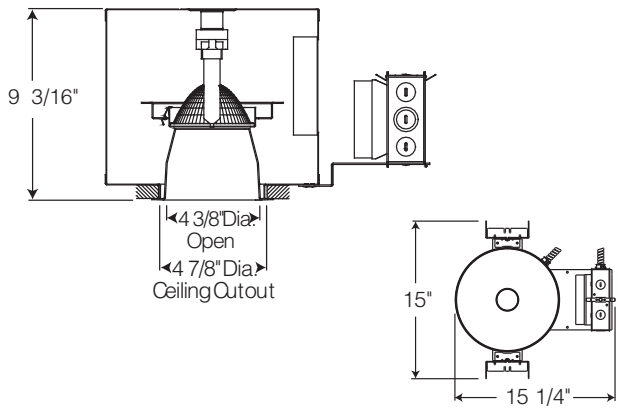
Catalog No.	Description	Options
M4-T6-20E	20W T4.5 MH lamp (G12 base), 120/277V Electronic Ballast	**347**-347 Volt[1]
M4-T6-39E	39W T6 MH lamp (G12 base), 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder (where *** = voltage)
M4-T6-70E	70W T6 MH lamp (G12 base), 120/277V Electronic Ballast	**CP**-Chicago Plenum[1]
		SW-Lamp Sensing Switch for Electronic Ballast

[1]Consult factory for availability.

Reflector
Ordering Example: **MT400N-CL**

Series		Color	Finish	Options
MT400S	Open Reflector Spot Beam	**C**-Clear **G**-Gold **WT**-Wheat	**Low Iridescent Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange
MT400N	Open Reflector, Narrow Flood Beam	**PT**-Pewter **BZ**-Bronze **B**-Black	Blank for White	
MT400F	Open Reflector, Flood Beam	**W**-White		

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.

HID | **M4**
4" MR16 Vertical Ceramic Metal Halide Open Downlight

Description
Vertical CMH downlight features a 4" open aperture and precision reflector with 50° visual cutoff to both lamp and lamp image.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Small, inconspicuous aperture
- Lamp Holder: GX10 twist and lock lamp holder provides precise positioning of lamp for excellent optical control in luminaires; 2A, 250V rated for5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M4-MR16-20E**

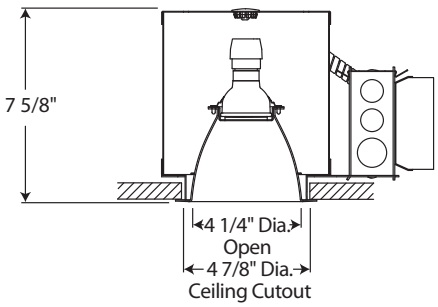
Catalog No.	Description	Options
M4-MR16-20E	20W MR16 MH lamp, 120/277V Electronic Ballast	**347**-347 Volt[1]
M4-MR16-39E	39W MR16 MH lamp, 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder (where *** = voltage)
		CP-Chicago Plenum[1]

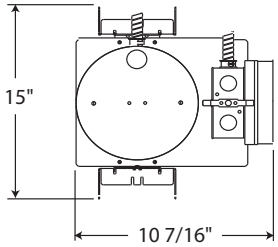
[1]Consult factory for availability.

Reflector
Ordering Example: **MP400-MR16-CL**

Series	Color	Finish	Options
MP400-MR16 Open Reflector	**C**-Clear	**Low Iridescent Alzak® Finishes:**	**WH**-White flange
	G-Gold	**L**-Specular	
	WT-Wheat	**S**-Satin	
	PT-Pewter	Blank for White	
	BZ-Bronze		
	B-Black		
	W-White		

Dimensions





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.
HCL16	Hexcell Louver
1061-R	Red Color Filter
1061-LB	Light Blue Color Filter
1061-MB	Medium Blue Color Filter
1061-A	Amber Color Filter
1061-G	Green Color Filter
1061-PGL	Prismatic Glass Lens
1061-LSL	Linear Spread Lens

HID | **M4**
4" PAR20 Vertical Ceramic Metal Halide Open Downlight

Description
CMH PAR downlights offer narrower beam distributions and very low brightness apertures.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Small, inconspicuous aperture
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell in die cast socket housing
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M4-P20-39E-347**

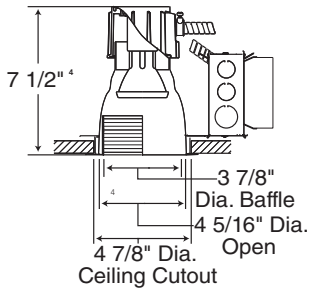
Catalog No.	Description	Options
M4-P20-39E	39W PAR20 MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt [2]
M4-P20-39M[1]	39W PAR20 MH Lamp, 120/277V Magnetic Ballast	***F**-Fuse and Fuse Holder (where *** = voltage)
		CP-Chicago Plenum[2]
		FCAN-FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)
		SW-Lamp Sensing Switch for Electronic Ballast

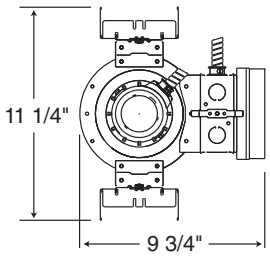
[1]Core and Coil Style; FCAN optional.
[2]Consult factory for availability.

Reflector
Ordering Example: **MP400-P20-WH**

	Series		Color	Finish	Options
	MP400-P20	Open Reflector	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter	**Low Iridescent Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Baffle & White	**WH**-White flange
	P400B-P20	Baffle	**BZ**-Bronze **B**-Black **W**-White		

Dimensions[3]





[3]Dimensions represent 39W electronic ballast. For magnetic, refer to www.junolightinggroup.com.
[4]Lamp Sensing Switch adds 2-3/8" to overall height.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.

HID | M6
6" T4 Vertical Ceramic Metal Halide Open Downlight

Description
Vertical CMH downlight features a 6" open aperture and spot, narrow flood, and flood beam distributions.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Lamp Holder: T4/T4.5 – G8.5 bi-pin socket base with recessed female contacts • 1A, 750V, rated for 5KV pulse • T4 Mini – Twist and lock GU6.5 base; 2A, 250V rated for 5KV pulse • BT5 – Twist and lock PGJ5 base; 2A, 250V rated for 2.5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M6-T4M-20E**

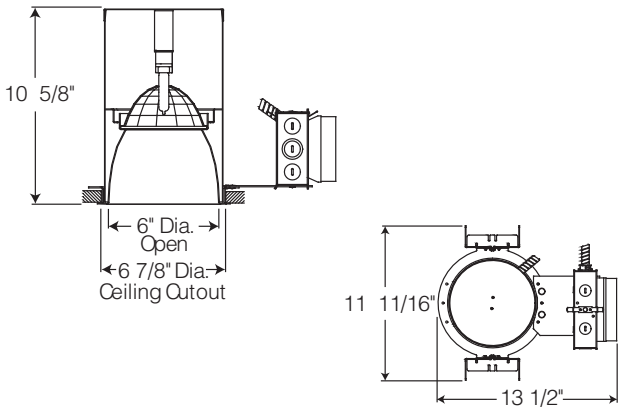
Catalog No.	Description	Options
M6-T4-20E	20W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	**347**-347 Volt[1]
M6-T4-39E	39W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder
M6-T4-70E	70W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	(where *** = voltage)
M6-TM-20E	20W T4 Mini MH lamp (GU6.5 base), 120/277V Electronic Ballast	**CP**-Chicago Plenum[1]
M6-TM-39E	39W T4 Mini MH lamp (GU6.5 base), 120/277V Electronic Ballast	**SW**-Lamp Sensing Switch for Electronic Ballast
M6-BT-20E1	20W BT5 MH lamp (PGJ5 base), 120V Electronic Ballast	

[1]Consult factory for availability.

Reflector
Ordering Example: **MT600N-CL**

Series		Color	Finish	Options
MT600S	Open Reflector, Spot Beam	**C**-Clear **G**-Gold **WT**-Wheat	**Low Iridescent Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange
MT600N	Open Reflector, Narrow Flood Beam	**PT**-Pewter **BZ**-Bronze **B**-Black	Blank for White	
MT600F	Open Reflector, Flood Beam	**W**-White		
MT600W	Open Reflector, Wide Flood			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

HID | M6
6" T6/T4.5 Vertical Ceramic Metal Halide Open Downlight

Description
Vertical CMH downlight features a 6" open aperture and spot, narrow flood, and flood beam distributions.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Lamp Holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M6-T6-39E**

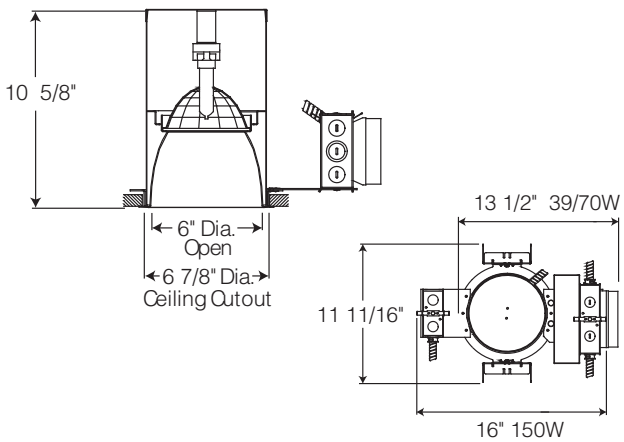
Catalog No.	Description	Options
M6-T6-20E	20W T4.5 MH lamp (G12 base), 120/277V Electronic Ballast	**347**-347 Volt[1]
M6-T6-39E	39W T6 MH lamp (G12 base), 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder
M6-T6-70E	70W T6 MH lamp (G12 base), 120/277V Electronic Ballast	(where *** = voltage)
M6-T6-150E1 Ⓔ	150W T6 MH lamp (G12 base), 120V Electronic Ballast	**CP**-Chicago Plenum[1]
M6-T6-150E2 Ⓔ	150W T6 MH lamp (G12 base), 277V Electronic Ballast	**SW**-Lamp Sensing Switch for Electronic Ballast

[1]Consult factory for availability.
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Reflector
Ordering Example: **MT600F-CL**

Series		Color	Finish	Options
MT600S	Open Reflector, Spot Beam	**C**-Clear **G**-Gold **WT**-Wheat	**Low Iridescent Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange
MT600N	Open Reflector, Narrow Flood Beam	**PT**-Pewter **BZ**-Bronze **B**-Black	Blank for White	
MT600F	Open Reflector, Flood Beam	**W**-White		
MT600W	Open Reflector, Wide Flood			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

HID | M6
6" PAR30L/38 Vertical Ceramic Metal Halide Open Downlight

Description
CMH PAR downlights offer narrower beam distributions and very low brightness apertures.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell in die cast socket housing
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M6-P30-39E-120F**

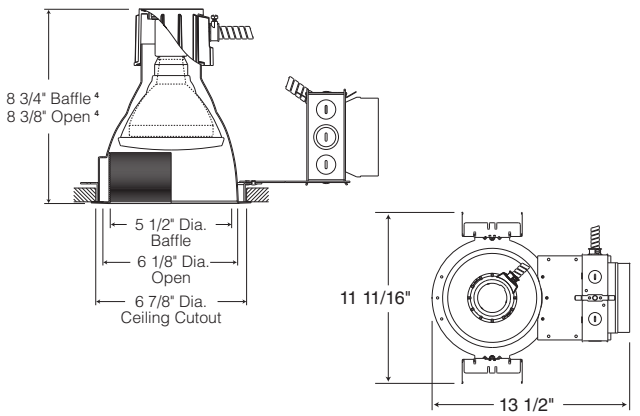
Catalog No.	Description	Options
M6-P30-39E	39W PAR30L MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt[2]
M6-EDS-70E	70W PAR30L or PAR38 MH Lamp, 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder (where *** = voltage)
M6-EDS-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	**CP**-Chicago Plenum[2]
M6-P30-39M[1]	39W PAR30L MH Lamp, 120/277V Magnetic Ballast	**FCAN**-FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)
M6-EDS-70M[1]	70W PAR30L or PAR38 MH Lamp, 120/277V Magnetic Ballast	**SW**-Lamp Sensing Switch for Electronic Ballast
M6-EDS-100M[1]	100W PAR38 MH Lamp, 120/277 Magnetic Ballast	

[1]Core and Coil Style; FCAN optional.
[2]Consult factory for availability.

Reflector
Ordering Example: **MP600-P38-CL**

	Series	Color	Finish	Options
	MP600-P38 Open Reflector for PAR30L, PAR38	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent** **Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange
	P600B-P38 Baffle for PAR30L, PAR38		Blank Baffle & White	

Dimensions[3]



[3]Dimensions represent electronic ballast. For magnetic, refer to www.junolightinggroup.com.
[4]Lamp Sensing Switch adds 2-3/8" to overall height.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

HID | M6
6" ED17 Vertical Ceramic Metal Halide Open Downlight, Wall Wash

Description
Vertical CMH lamp design provides uniform light distribution with excellent brightness control.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty 4kV extended husk porcelain socket with nickel-plated brass screw shell in die cast socket housing
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M6-ED-50E120-Q**

Catalog No.	Description
M6-ED-50E[1]	50W ED17 Coated Protected MH Lamp, 120/277V Electronic Ballast
M6-ED-70E[1]	70W ED17 Coated Protected MH Lamp, 120/277V Electronic Ballast
M6-ED-100E[1]	100W ED17 Coated Protected MH Lamp, 120/277V Electronic Ballast
M6-ED-50M[1,2]	50W ED17 Coated Protected MH Lamp, 120/277V Magnetic Ballast
M6-ED-70M[1,2]	70W ED17 Coated Protected MH Lamp, 120/277V Magnetic Ballast
M6-ED-100M[1,2]	100W ED17 Coated Protected MH Lamp, 120/277V Magnetic Ballast

Options
347-347 Volt[3]
*****F**-Fuse and Fuse Holder (where *** = voltage)
CP-Chicago Plenum[3]
Q-Quartz restrike with hot start auxiliary control (must specify Q option for reflector also)
QS-Quartz socket only with leads (must specify Q for reflector also)
FCAN-FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)
SW-Lamp Sensing Switch for Electronic Ballast

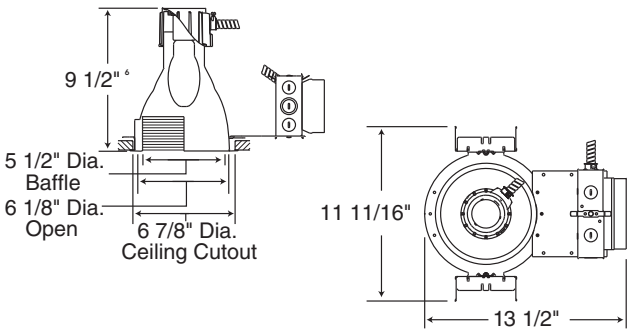
[1]For double and corner wall washers, change M6 to M6W in Catalog Number.
[2]Core and Coil Style; FCAN optional.
[3]Consult factory for availability.

Reflector
Ordering Example: **M600B-B-Q**

Series		Color	Finish	Options
M600	Open Reflector	**C**-Clear	**Low Iridescent Alzak® Finishes:**	**WH**-White flange
		G-Gold	**L**-Specular	**Q**-Hole for quartz restrike
		WT-Wheat	**S**-Satin	
M600WS[4]	Single Wall Wash	**PT**-Pewter	Blank for Baffle & White	
		BZ-Bronze		
		B-Black		
M600B	Baffle	**W**-White		

[4]For corner wall wash, change WS to WC; for double wall wash, change WS to WD. Corner and double wall wash must be ordered with M6W rough-ins.

Dimensions[5]



[5]Dimensions represent electronic ballast. For magnetic, refer to www.junolightinggroup.com.
[6]Lamp Sensing Switch adds 2-3/8" to overall height.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

HID | M6
6" ED17 Vertical Ceramic Metal Halide Lenslite

Description
Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- High power factor ballast
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell in die cast socket housing
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL listed for feed through and damp locations, wet location optional

Rough-In
Ordering Example: **M6-EDS-70E-120F**

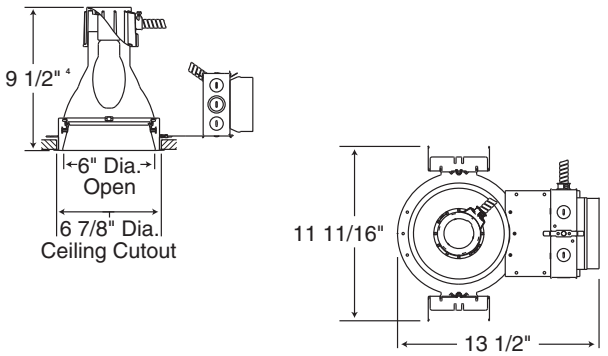
Catalog No.	Description	Options
M6-EDS-50E	50W ED17 Coated Non-protected MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt[2]
M6-EDS-70E	70W ED17 Coated Non-protected MH Lamp, 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder (where *** = voltage)
M6-EDS-100E	100W ED17 Coated Non-protected MH Lamp, 120/277V Electronic Ballast	**CP**-Chicago Plenum[2]
M6-EDS-50M[1]	50W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast	**FCAN-**FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)
M6-EDS-70M[1]	70W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast	**SW**-Lamp Sensing Switch for Electronic Ballast
M6-EDS-100M[1]	100W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast	

[1]Core and Coil Style; FCAN optional.
[2]Consult factory for availability.

Lensed Trim
Ordering Example: **M600LC-W-FG-WH**

	Series		Color	Finish	Lens Type	Options
	M600LC	Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Baffle & White	**CG**-Clear Glass **PG**-Prismatic Glass **FG**-Fresnel Glass	**WH**-White flange **WET**-Wet Location Listing
	M600B	Lower Baffle	**B**-Black **W**-White			

Dimensions[3]



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

[3]Dimensions represent electronic ballast. For magnetic, refer to www.junolightinggroup.com.
[4]Lamp Sensing Switch adds 2-3/8" to overall height.

HID | **M8HD**
8" T6 Dura-Life Ceramic Metal Halide Lenslite for 2 Lamps

Description
Patented 2-lamp operation provides longer time between lamp changes and faster restrike time. Operates one lamp at a time.

Features
- 2-lamp Dura-Life design reduces lamp changes and decreases restrike time, operating one lamp at a time
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Heavy gauge die formed aluminum housing
- Lamp Holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M8HD-T6-150E1**

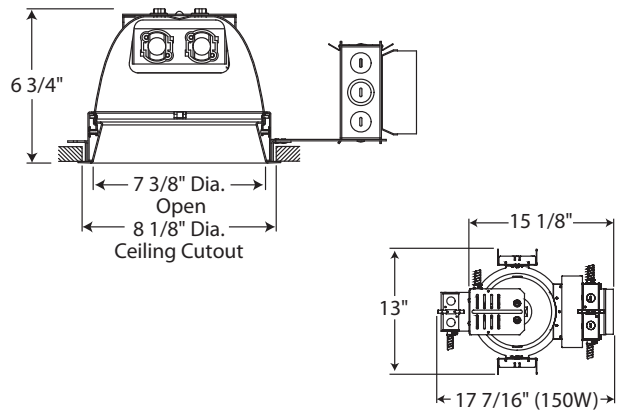
Catalog No.	Description	Options
M8HD-T6-39E	2x39W T6 MH lamp (G12 base), 120/277V Electronic Ballast	**347**-347 Volt[1]
M8HD-T6-70E	2x70W T6 MH lamp (G12 base), 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder
M8HD-T6-150E1 Ⓔ	2x150W T6 MH lamp (G12 base), 120V Electronic Ballast	(where *** = voltage)
M8HD-T6-150E2 Ⓔ	2x150W T6 MH lamp (G12 base), 277V Electronic Ballast	**CP**-Chicago Plenum[1]

[1]Consult factory for availability.
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Reflector
Ordering Example: **MT852LC-CL-PG**

Series		Color	Finish	Lens Type	Options
MT852LC	Lower Cone	**C**-Clear	**Low Iridescent**	**CG**-Clear Glass	**WH**-White flange
		G-Gold	**Alzak® Finishes:**	**PG**-Prismatic Glass	**WET**-Wet Location Listing
		WT-Wheat	**L**-Specular	**FG**-Fresnel Glass	
MT852B	Lower Baffle	**PT**-Pewter	**S**-Satin		
		BZ-Bronze	Blank for Baffle & White		
		B-Black			
		W-White			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

HID | M8
8" T6 Vertical Ceramic Metal Halide Open Downlight

Description
Vertical CMH downlight features 8" open aperture and spot, narrow flood, and flood beam distributions.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Lamp Holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M8-T6-150E1**

Catalog No.	Description	Options
M8-T6-39E	39W T6 MH lamp (G12 base), 120/277V Electronic Ballast	**347**-347 Volt[1]
M8-T6-70E	70W T6 MH lamp (G12 base), 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder (where *** = voltage)
M8-T6-150E1 Ⓔ	150W T6 MH lamp (G12 base), 120V Electronic Ballast	**CP**-Chicago Plenum[1]
M8-T6-150E2 Ⓔ	150W T6 MH lamp (G12 base), 277V Electronic Ballast	**SW**-Lamp Sensing Switch for Electronic Ballast

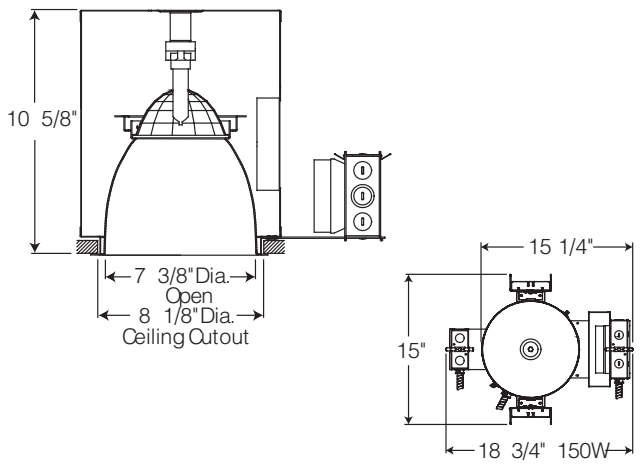
[1]Consult factory for availability.
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Reflector

Ordering Example: **MT800F-CL**

Series		Color	Finish	Options
MT800S	Open Reflector, Spot Beam	**C**-Clear **G**-Gold **WT**-Wheat	**Low Iridescent Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange
MT800N	Open Reflector, Narrow Flood Beam	**B**-Black **BZ**-Bronze **B**-Black	Blank for White	
MT800F	Open Reflector, Flood Beam	**W**-White		
MT800W	Open Reflector, Wide Flood			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

HID | M8
8" PAR30L/38 Vertical Ceramic Metal Halide Open Downlight

Description
CMH PAR downlights offer narrower beam distributions and very low brightness apertures.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell in die cast socket housing
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M8-P30-39E-120F**

Catalog No.	Description	Options
M8-P30-39E	39W PAR30L MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt[2]
M8-EDS-70E	70W PAR30L or PAR38 MH Lamp, 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder
M8-EDS-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	(where *** = voltage)
M8-EDS-150E120 Ⓔ	150W PAR38 MH Lamp, 120V Electronic Ballast	**CP**-Chicago Plenum[2]
M8-EDS-150E277 Ⓔ	150W PAR38 MH Lamp, 277V Electronic Ballast	**FCAN**-FCAN Ballast in lieu of
M8-P30-39M[1]	39W PAR30L MH Lamp, 120/277V Magnetic Ballast	core and coil (Includes
M8-EDS-70M[1]	70W PAR30L or PAR38 MH Lamp, 120/277V Magnetic Ballast	HB-TL bar hangers)
M8-EDS-100M[1]	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	**SW**-Lamp Sensing Switch
M8-EDS-150M[1,†]	150W PAR38 MH Lamp, 120/277 Magnetic Ballast	for Electronic Ballasts

[1]Core and Coil Style; FCAN optional.

[2]Consult factory for availability.

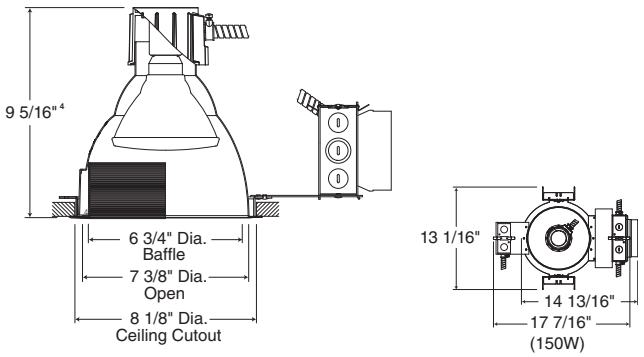
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

[†]Not for use in the United States.

Reflector
Ordering Example: **MP800-P38-CL-WH**

	Series	Color	Finish	Options
	MP800-P38 Open Reflector for PAR30L, PAR38	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter	**Low Iridescent Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Baffle & White	**WH**-White flange
	P800B-P38 Baffle for PAR30L, PAR38	**BZ**-Bronze **B**-Black **W**-White		

Dimensions[3]



[3]Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.

[4]Lamp Sensing Switch adds 2-3/8" to overall height.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

HID | MD8
8" PAR30L/38 Vertical Ceramic Metal Halide Deep Cone, Deep Baffle

Description
Deeply regressed PAR downlights ensure an inconspicuous appearance with very low brightness apertures.

Features
- Deeply regressed lamp provides inconspicuous aperture
- Cone has self-flanged trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **MD8-P30-39E-120F**

Catalog No.	Description	Options
MD8-P30-39E	39W PAR30L MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt[2]
MD8-P30/38-70E	70W PAR30L or PAR38 MH Lamp, 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder (where *** = voltage)
MD8-P38-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	**CP**-Chicago Plenum[2]
MD8-P38-150E120 Ⓔ	150W PAR38 MH Lamp, 120V Electronic Ballast	**FCAN**-FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)
MD8-P38-150E277 Ⓔ	150W PAR38 MH Lamp, 277V Electronic Ballast	
MD8-P30-39M[1]	39W PAR30L MH Lamp, 120/277V Magnetic Ballast	
MD8-P30/38-70M[1]	70W PAR30L or PAR38 MH Lamp, 120/277V Magnetic Ballast	
MD8-P38-100M[1]	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	
MD8-P38-150M[1,†]	150W PAR38 MH Lamp, 120/277 Magnetic Ballast	

[1]Core and Coil Style; FCAN optional.

[2]Consult factory for availability.

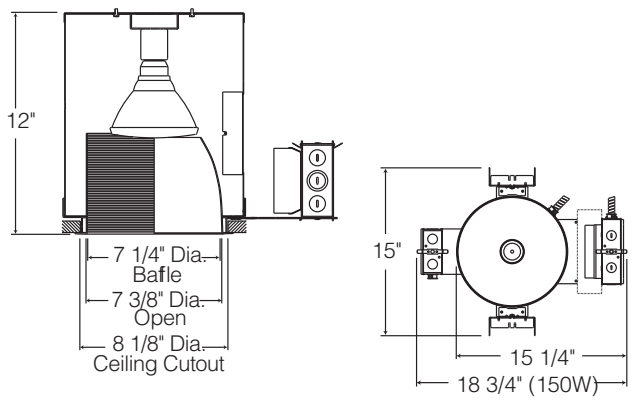
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

[†]Not for use in the United States.

Reflector
Ordering Example: **MD800-P38-CL-WH**

Series		Color	Finish	Options
MD800-P38	Open Deep Cone for PAR30L, PAR38	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White Blank for Baffle	**WH**-White flange
MD800B-P38	Deep Baffle for PAR30L, PAR38			

Dimensions[3]



[3]Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

HID | M8
8" ED17 Vertical Ceramic Metal Halide Open Downlight, Wall Wash

Description
Vertical CMH lamp design provides uniform light distribution with excellent brightness control.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell in die cast socket housing
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M8-ED-70E-120F**

Catalog No.	Description
M8-ED-50E	50W ED17 Coated Protected MH Lamp, 120/2777V Electronic Ballast
M8-ED-70E[1]	70W ED17 Coated Protected MH Lamp, 120/277V Electronic Ballast
M8-ED-100E[1]	100W ED17 Coated Protected MH Lamp, 120/277V Electronic Ballast
M8-ED-150E120[1] Ⓔ	150W ED17 Coated Protected MH Lamp, 120V Electronic Ballast
M8-ED-150E277[1] Ⓔ	150W ED17 Coated Protected MH Lamp, 277V Electronic Ballast
M8-ED-50M[1,2]	50W ED17 Coated Protected MH Lamp, 120/277V Magnetic Ballast
M8-ED-70M[1,2]	70W ED17 Coated Protected MH Lamp, 120/277V Magnetic Ballast
M8-ED-100M[1,2]	100W ED17 Coated Protected MH Lamp, 120/277V Magnetic Ballast
M8-ED-150M[1,2,†]	50W ED17 Coated Protected MH Lamp, 120/277V Magnetic Ballast

[1]For double and corner wall washers, change M8 to M8W in Catalog Number.

[2]Core and Coil Style; FCAN optional.

[3]Consult factory for availability.

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

[†]Not for use in the United States.

Options

347-347 Volt[3]
*****F**-Fuse and Fuse Holder (where *** = voltage)
CP-Chicago Plenum[3]
Q-Quartz restrike with hot start auxiliary control (must specify Q option for reflector also)
QS-Quartz socket only with leads (must specify Q for reflector also)
FCAN-FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)
SW-Lamp Sensing Switch for Electronic Ballast

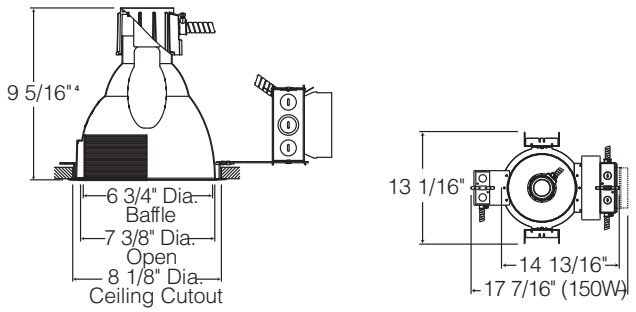
Reflector

Ordering Example: **M800W-CL-WH**

	Series		Color	Finish	Options
	M800	Open, Narrow Distribution	**C**-Clear	**Low Iridescent**	**WH**-White flange
	M800W	Open, Wide Distribution	**G**-Gold	**Alzak® Finishes:**	**Q**-Hole for quartz restrike
			WT-Wheat	**L**-Specular	
			PT-Pewter	**S**-Satin	
	M800WS[4]	Single Wall Wash	**BZ**-Bronze	Blank for Baffle & White	
			B-Black		
			W-White		
	M800B	Baffle			

[4]For corner wall wash, change WS to WC; for double wall wash, change WS to WD. Corner and double wall wash must be ordered with M8W rough-ins.

Dimensions[5]



[5]Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.

[4]Lamp Sensing Switch adds 2-3/8" to overall height.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

HID | M8
8" ED17 Vertical Ceramic Metal Halide Lenslite

Description
Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- High power factor ballast
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell in die cast socket housing
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In
Ordering Example: **M8-EDS-70E-120F**

Catalog No.	Description
M8-EDS-50E	50W ED17 Coated Non-protected MH Lamp, 120/277V Electronic Ballast
M8-EDS-70E	70W ED17 Coated Non-protected MH Lamp, 120/277V Electronic Ballast
M8-EDS-100E	100W ED17 Coated Non-protected MH Lamp, 120/277V Electronic Ballast
M8-EDS-150E120 Ⓔ	150W ED17 Coated Non-protected MH Lamp, 120V Electronic Ballast
M8-EDS-150E277 Ⓔ	150W ED17 Coated Non-protected MH Lamp, 277V Electronic Ballast
M8-EDS-50M[1]	50W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast
M8-EDS-70M[1]	70W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast
M8-EDS-100M[1]	100W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast
M8-EDS-150M[1,†]	150W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast

[1]Core and Coil Style; FCAN optional.

[2]Consult factory for availability.

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

[†]Not for use in the United States.

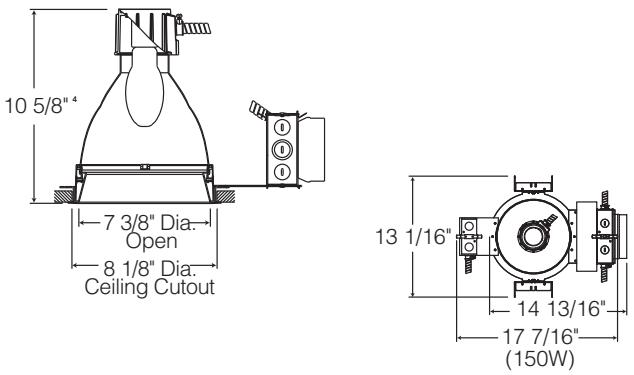
Options

347-347 Volt[2]
*****F**-Fuse and Fuse Holder (where *** = voltage)
CP-Chicago Plenum[2]
Q-Quartz restrike with hot start auxiliary control (must specify Q option for reflector also)
QS-Quartz socket only with leads (must specify Q for reflector also)
FCAN-FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)
SW-Lamp Sensing Switch for Electronic Ballast

Lensed Trim
Ordering Example: **M800B-W-FG-WH**

Series		Color	Finish	Lens Type	Options
M800LC	Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat	**Alzak® Finishes:** **L**-Specular **S**-Satin	**CG**-Clear Glass **PG**-Prismatic Glass **FG**-Fresnel Glass	**WH**-White flange **Q**-Hole for quartz restrike
M800B	Lower Baffle	**PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	Blank for Baffle & White		**WET**-Wet Location Listing

Dimensions[3]



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

[3]Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.

[4]Lamp Sensing Switch adds 2-3/8" to overall height.

HID | M9
9" ED17 Horizontal Dura-Life Ceramic Metal Halide Lenslite for 2 Lamps

Description
Patented 2-lamp operation provides longer time between lamp changes and faster restrike time. Operates one lamp at a time.

Features
- 2 Lamp Dura-Life design reduces lamp changes and decreases restrike time, operating one lamp at a time
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Magnetic HPF ballast, core and coil style with Class H insulation, and 120/277 volt input; FCAN optional
- Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In

Ordering Example: **M9HD-EDS-50M-347**

Catalog No.	Description	Options
M9HD-EDS-70E	2x70W ED17 Coated Non-protected MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt
M9HD-EDS-100E	2x100W ED17 Coated Non-protected MH Lamp, 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder (where *** = voltage)
M9HD-EDS-150E120 Ⓔ	2x150W ED17 Coated Non-protected MH Lamp, 120V Electronic Ballast	**CP**-Chicago Plenum[2]
M9HD-EDS-150E277 Ⓔ	2x150W ED17 Coated Non-protected MH Lamp, 277V Electronic Ballast	**FCAN-**FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)
M9HD-EDS-50M[1]	2x50W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast	
M9HD-EDS-70M[1]	2x70W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast	
M9HD-EDS-100M[1]	2x100W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast	
M9HD-EDS-150M[1,†]	2x150W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast	

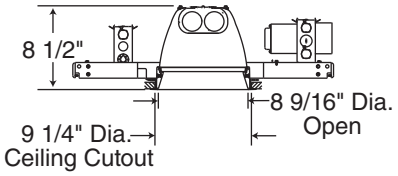
[1]Core and Coil Style; FCAN optional.
[2]Consult factory for availability.
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.
[†]Not for use in the United States.

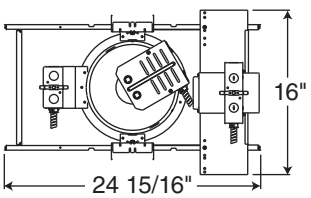
Lensed Trim

Ordering Example: **M952B-W-FG**

Series		Color	Finish	Lens Type	Options
M952LC	Lower Cone	**C**-Clear	**Alzak® Finishes:**	**CG**-Clear Glass	**WH**-White flange
		G-Gold	**L**-Specular	**PG**-Prismatic Glass	**WET**-Wet Location Listing
		WT-Wheat	**S**-Satin	**FG**-Fresnel Glass	
M952B	Lower Baffle	**PT**-Pewter	Blank for Baffle & White		
		BZ-Bronze			
		B-Black			
		W-White			

Dimensions





Accessories

Catalog No.	Description
SCA9-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA9-20.

HID | M9
9" ED17 Vertical Ceramic Metal Halide Open Downlight

Description
Vertical lamp design provides uniform light distribution with excellent brightness control.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty 4kV extended husk porcelain socket with nickel-plated brass screw shell in die cast socket housing
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M9-ED-70E-Q**

Catalog No.	Description
M9-ED-70E	70W ED17 Coated Protected MH Lamp, 120/277V Electronic Ballast
M9-ED-100E	100W ED17 Coated Protected MH Lamp, 120/277V Electronic Ballast
M9-ED-150E120 Ⓔ	150W ED17 Coated Protected MH Lamp, 120V Electronic Ballast
M9-ED-150E277 Ⓔ	150W ED17 Coated Protected MH Lamp, 277V Electronic Ballast
M9-ED-70M[1]	70W ED17 Coated Protected MH Lamp, 120/277V Magnetic Ballast
M9-ED-100M[1]	100W ED17 Coated Protected MH Lamp, 120/277V Magnetic Ballast
M9-ED-150M[1,†]	150W ED17 Coated Protected MH Lamp, 120/277V Magnetic Ballast

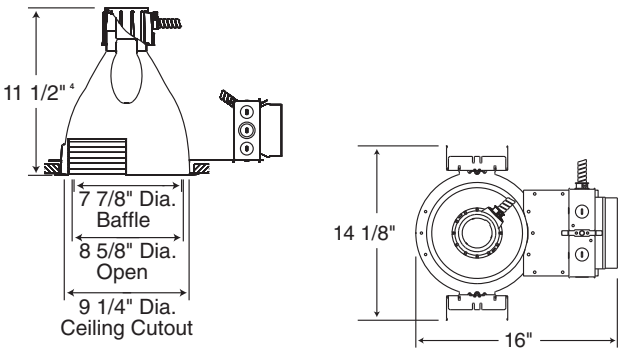
[1]Core and Coil Style; FCAN optional. Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.
[2]Consult factory for availability.
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.
[†]Not for use in the United States.

Options
347-347 Volt[2]
*****F**-Fuse and Fuse Holder (where *** = voltage)
CP-Chicago Plenum[2]
Q-Quartz restrike with hot start auxiliary control (must specify Q option for reflector also)
QS-Quartz socket only with leads (must specify Q for reflector also)
FCAN-FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)
SW-Lamp Sensing Switch for Electronic Ballast

Reflector
Ordering Example: **M900B-W-Q**

	Series		Color	Finish	Options
	M900	Open Reflector	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter	**Low Iridescent** **Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange **Q**-Hole for quartz restrike
	M900B	Baffle	**BZ**-Bronze **B**-Black **W**-White	Blank for Baffle & White	

Dimensions[3]



[3]Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.
[4]Lamp Sensing Switch adds 2-3/8" to overall height.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA9-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA9-20.

HID | **M10**
10" ED17/28 Vertical Ceramic Metal Halide Open Downlight

Description
High lumen output source is ideal for areas with high ceilings.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base (for 150W and below) or mogul base (for 175W and above) heavy duty 4kV extended husk porcelain socket with nickel-plated brass screw shell in die cast socket housing
- High power factor ballast
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL listed for feed through and damp locations

Rough-In

Ordering Example: **M10-ED-100E-120F**

Catalog No.	Description
M10-ED-100E	100W ED17 Coated Protected MH Lamp, 120/277V Electronic Ballast
M10-ED-150E120 Ⓔ	150W ED17 Coated Protected MH Lamp, 120V Electronic Ballast
M10-ED-150E277 Ⓔ	150W ED17 Coated Protected MH Lamp, 277V Electronic Ballast
M10-ED-100M[2]	100W ED17 Coated Protected MH Lamp, 120/277V Magnetic Ballast
M10-ED-150M[2,†]	150W ED17 Coated Protected MH Lamp, 120/277V Magnetic Ballast
M10-ED-175M-120[1] Ⓔ	175W BT/ED28 Coated Protected MH Lamp, 120V Magnetic Ballast
M10-ED-175M-277[1] Ⓔ	175W BT/ED28 Coated Protected MH Lamp, 277V Magnetic Ballast
M10-ED-250M-120[1] Ⓔ	250W BT/ED28 Coated Protected MH Lamp, 120V Magnetic Ballast
M10-ED-250M-277[1] Ⓔ	250W BT/ED28 Coated Protected MH Lamp, 277V Magnetic Ballast

Options
347-347 Volt[3]
*****F**-Fuse and Fuse Holder (where *** = voltage)
CP-Chicago Plenum[3]
Q-Quartz restrike with hot start auxiliary control (must specify Q option for reflector also)
QS-Quartz socket only with leads (must specify Q for reflector also)
SW-Lamp Sensing Switch for Electronic Ballast

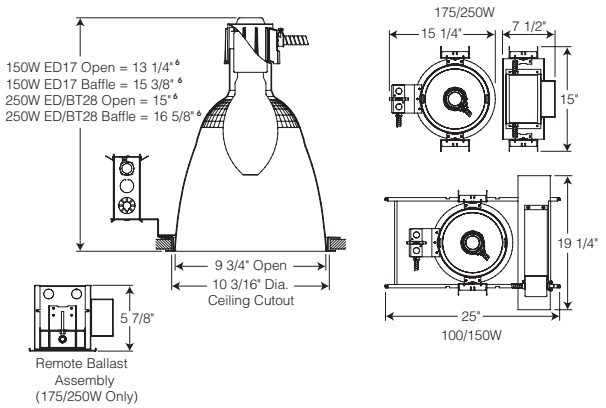
[1]Core and Coil style.
[2]Frame mounted, includes bar hangers.
[3]Consult factory for availability.
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.
[†]Not for use in the United States.

Reflector

Ordering Example: **M1001B-B**

Series		Color	Finish	Options
M1001	Open Reflector (100-150W)	**C**-Clear	**Low Iridescent Alzak® Finishes:**	**WH**-White flange
M1002	Open Reflector (175-250W)	**G**-Gold	**L**-Specular	**Q**-Hole for quartz restrike
		WT-Wheat	**S**-Satin	
		PT-Pewter	Blank for Baffle & White	
M1001B	Baffle (100-150W)	**BZ**-Bronze		
M1002B	Baffle (175-250W)	**B**-Black		
		W-White		

Dimensions[4]



[4]Dimensions represent magnetic ballast units. For others, refer to www.junolightinggroup.com.
[5]Bar hangers for electronic only. For magnetic ballast units, refer to www.junolightinggroup.com.
[6]Lamp Sensing Switch adds 2-3/8" to overall height.

Accessories

Catalog No.	Description
HB-TL[5]	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52[5]	52" C-Channel Bar Hangers, Pair
HB-28[5]	28" C-Channel Bar Hangers, Pair
LB-27[5]	27" Linear Bar Hangers, Pair
SCA10-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA10-20.

HID | **M10**
10" ED17/28 Vertical Ceramic Metal Halide Lenslite

Description
High lumen output source is ideal for areas with high ceilings.

Features
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base (for 150W and below) or Mogul base (for 175W and above) heavy duty 4kV porcelain socket with nickel-plated brass screw shell in die cast socket housing
- High power factor ballast
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In
Ordering Example: **M10-EDS-100E-120F**

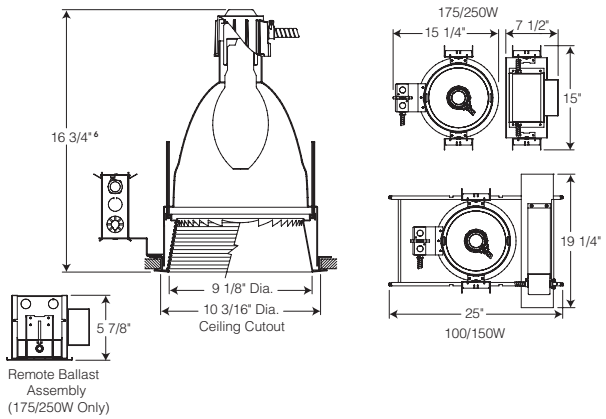
Catalog No.	Description	Options
M10-EDS-100E	100W ED17 Coated Non-protected MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt[3]
M10-EDS-150E120 Ⓔ	150W ED17 Coated Non-protected MH Lamp, 120V Electronic Ballast	***F**-Fuse and Fuse Holder (where *** = voltage)
M10-EDS-150E277 Ⓔ	150W ED17 Coated Non-protected MH Lamp, 277V Electronic Ballast	**CP**-Chicago Plenum[3]
M10-EDS-100M[2]	100W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast	**Q**-Quartz restrike with hot start auxiliary control (must specify Q option for reflector also)
M10-EDS-150M[2,†]	150W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast	**QS**-Quartz socket only with leads (must specify Q for reflector also)
M10-EDS-175M-120[1] Ⓔ	175W BT/ED28 Coated Non-protected MH Lamp, 120V Magnetic Ballast	**SW**-Lamp Sensing Switch for Electronic Ballast
M10-EDS-175M-277[1] Ⓔ	175W BT/ED28 Coated Non-protected MH Lamp, 277V Magnetic Ballast	
M10-EDS-250M-120[1] Ⓔ	250W BT/ED28 Coated Non-protected MH Lamp, 120V Magnetic Ballast	
M10-EDS-250M-277[1] Ⓔ	250W BT/ED28 Coated Non-protected MH Lamp, 277V Magnetic Ballast	

[1]Core and Coil style.
[2]Frame mounted, includes bar hangers.
[3]Consult factory for availability.
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.
[†]Not for use in the United States.

Lensed Trim
Ordering Example: **M1001B-W-FG-WET**

Series		Color	Finish	Lens Type	Options
M1001LC	Lower Cone (100-150W)	**C**-Clear **G**-Gold	**Alzak® Finishes:** **L**-Specular	**CG**-Clear Glass **PG**-Prismatic Glass	**WH**-White flange **Q**-Hole for quartz restrike
M1002LC	Lower Cone (175-250W)	**WT**-Wheat **PT**-Pewter **BZ**-Bronze	**S**-Satin Blank for Baffle & White	**FG**-Fresnel Glass	**WET**-Wet Location Listing
M1001B	Lower Baffle (100-150W)	**B**-Black **W**-White			
M1002B	Lower Baffle (175-250W)				

Dimensions[4]



Accessories

Catalog No.	Description
HB-TL[5]	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52[5]	52" C-Channel Bar Hangers, Pair
HB-28[5]	28" C-Channel Bar Hangers, Pair
LB-27[5]	27" Linear Bar Hangers, Pair
SCA10-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA10-20.

[4]Dimensions represent magnetic ballast units. For others, refer to www.junolightinggroup.com.
[5]Bar hangers for electronic only. For magnetic ballast units, refer to www.junolightinggroup.com.
[6]Lamp Sensing Switch adds 2-3/8" to overall height.

HID | M12
12" ED17/28/37 Vertical Ceramic Metal Halide Open Downlight

Description
High lumen output source is ideal for areas with high ceilings.

Features
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base (for 150W and below) or Mogul base (for 175W and above) heavy duty 4kV extended husk porcelain socket with nickel-plated brass screw shell in die cast socket housing
- High power factor ballast
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M12-ED-100E-QS**

Catalog No.	Description	Options
M12-ED-100E[2]	100W ED17 Coated Protected MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt[3]
M12-ED-150E120[2] Ⓔ	150W ED17 Coated Protected MH Lamp, 120V Electronic Ballast	***F**-Fuse and Fuse Holder (where *** = voltage)
M12-ED-150E277[2] Ⓔ	150W ED17 Coated Protected MH Lamp, 277V Electronic Ballast	**CP**-Chicago Plenum[3]
M12-ED-100M[2]	100W ED17 Coated Protected MH Lamp, 120/277V Magnetic Ballast	**Q**-Quartz restrike with hot start auxiliary control (must specify Q option for reflector also)
M12-ED-150M[2,†]	150W ED17 Coated Protected MH Lamp, 120/277V Magnetic Ballast	**QS**-Quartz socket only with leads (must specify Q for reflector also)
M12-ED-175M-120[1] Ⓔ	175W BT/ED28 Coated Protected MH Lamp, 120V Magnetic Ballast	**SW**-Lamp Sensing Switch for Electronic Ballast
M12-ED-175M-277[1] Ⓔ	175W BT/ED28 Coated Protected MH Lamp, 277V Magnetic Ballast	
M12-ED-250M-120[1] Ⓔ	250W BT/ED28 Coated Protected MH Lamp, 120V Magnetic Ballast	
M12-ED-250M-277[1] Ⓔ	250W BT/ED28 Coated Protected MH Lamp, 277V Magnetic Ballast	
M12-ED-400M-120[1] Ⓔ	400W BT/ED28 Coated Protected MH Lamp, 120V Magnetic Ballast	
M12-ED-400M-277[1] Ⓔ	400W BT/ED28 Coated Protected MH Lamp, 277V Magnetic Ballast	

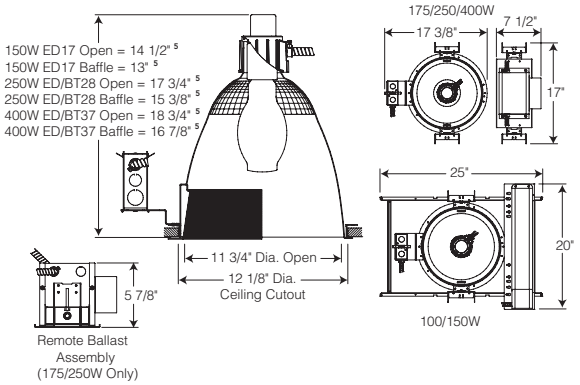
[1]Core and Coil style.
[2]Frame mounted, includes bar hangers.
[3]Consult factory for availability.
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.
[†]Not for use in the United States.

Reflector

Ordering Example: **M1201-CL-Q**

Series		Color	Finish	Options
M1201	Open Reflector (100-150W)	**C**-Clear	**Low Iridescent**	**WH**-White flange
M1202	Open Reflector (175-250W)	**G**-Gold	**Alzak® Finishes:**	**Q**-Hole for quartz restrike
M1204	Open Reflector (400W)	**WT**-Wheat	**L**-Specular	
		PT-Pewter	**S**-Satin	
M1201B	Baffle (100-150W)	**BZ**-Bronze	Blank for Baffle & White	
M1202B	Baffle (175-250W)	**B**-Black		
M1204B	Baffle (400W)	**W**-White		

Dimensions[4]



[4]Dimensions represent magnetic ballast units. For others, refer to www.junolightinggroup.com.
[5]Lamp Sensing Switch adds 2-3/8" to overall height.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA12-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA12-20.

HID | M12
12" ED17/28 Vertical Ceramic Metal Halide Lenslite

Description
High lumen output source is ideal for areas with high ceilings.

Features
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base (for 150W and below) or Mogul base (for 175W and above) heavy duty 4kV porcelain socket with nickel-plated brass screw shell in die cast socket housing
- High power factor ballast
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In

Ordering Example: **M12-EDS-100E-QS**

Catalog No.	Description
M12-EDS-100E	100W ED17 Coated Non-protected MH Lamp, 120/277V Electronic Ballast
M12-EDS-150E120 Ⓔ	150W ED17 Coated Non-protected MH Lamp, 120V Electronic Ballast
M12-EDS-150E277 Ⓔ	150W ED17 Coated Non-protected MH Lamp, 277V Electronic Ballast
M12-EDS-100M[3]	100W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast
M12-EDS-150M[3,†]	150W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast
M12-EDS-175M-120[1] Ⓔ	175W BT/ED28 Coated Non-protected MH Lamp, 120V Magnetic Ballast
M12-EDS-175M-277[1] Ⓔ	175W BT/ED28 Coated Non-protected MH Lamp, 277V Magnetic Ballast
M12-EDS-250M-120[1] Ⓔ	250W BT/ED28 Coated Non-protected MH Lamp, 120V Magnetic Ballast
M12-EDS-250M-277[1] Ⓔ	250W BT/ED28 Coated Non-protected MH Lamp, 277V Magnetic Ballast

Options
347-347 Volt[2]
***F**-Fuse and Fuse Holder (where *** = voltage)
CP-Chicago Plenum[2]
Q-Quartz restrike with hot start auxiliary control (must specify Q option for reflector also)
QS-Quartz socket only with leads (must specify Q for reflector also)
SW-Lamp Sensing Switch for Electronic Ballast

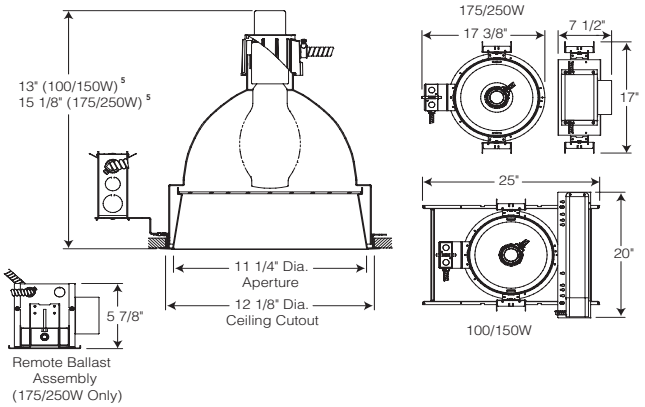
[1]Core and Coil style.
[2]Consult factory for availability.
[3]Frame mounted, includes bar hangers.
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.
[†]Not for use in the United States.

Lensed Trim

Ordering Example: **M1201B-B-PG-Q**

Series		Color	Finish	Lens Type	Options
M1201LC	Lower Cone (100-150W)	**C**-Clear **G**-Gold	**Alzak® Finishes:** **L**-Specular	**CG**-Clear Glass **PG**-Prismatic Glass	**WH**-White flange **Q**-Hole for quartz restrike
M1202LC	Lower Cone (175-250W)	**WT**-Wheat **PT**-Pewter	**S**-Satin Blank for Baffle & White	**FG**-Fresnel Glass	**WET**-Wet Location Listing
M1201B	Lower Baffle (100-150W)	**BZ**-Bronze **B**-Black			
M1202B	Lower Baffle (175-250W)	**W**-White			

Dimensions[3]



[4]Dimensions represent magnetic ballast units. For others, refer to www.junolightinggroup.com.
[5]Lamp Sensing Switch adds 2-3/8" to overall height.
[6]Bar hangers for electronic only. For magnetic ballast units, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL[6]	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52[6]	52" C-Channel Bar Hangers, Pair
HB-28[6]	28" C-Channel Bar Hangers, Pair
LB-27[6]	27" Linear Bar Hangers, Pair
SCA12-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA12-20.

HID | **M12**
12" ED28 Horizontal Dura-Life Ceramic Metal Halide Lenslite for 2 Lamps

Description
Patented 2-lamp operation provides longer time between lamp changes and faster restrike time. Operates one lamp at a time.

Features
- 2 Lamp Dura-Life design reduces lamp changes and decreases restrike time, operating one lamp at a time
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Mogul base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Magnetic HPF ballast, FCAN style with Class H insulation; 120/277 volt input
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In
Ordering Example: **M12HD-EDS-175M-CP**

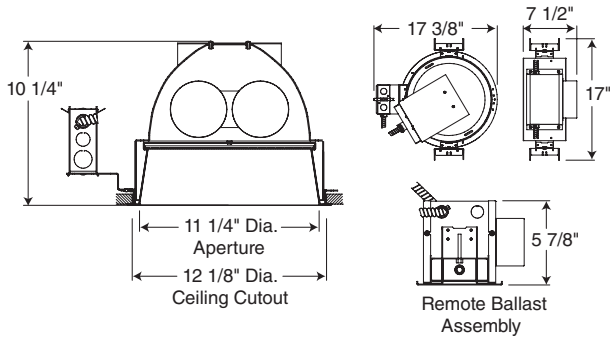
Catalog No.	Description	Options
M12HD-EDS-175M-120[1] Ⓔ	2x175W BT/ED28 Coated Non-protected MH Lamp, 120V Magnetic Ballast	**347**-347 Volt
M12HD-EDS-175M-277[1] Ⓔ	2x175W BT/ED28 Coated Non-protected MH Lamp, 277V Magnetic Ballast	***F**-Fuse and Fuse Holder
M12HD-EDS-250M-120[1] Ⓔ	2x250W BT/ED28 Coated Non-protected MH Lamp, 120V Magnetic Ballast	(where *** = voltage)
M12HD-EDS-250M-277[1] Ⓔ	2x250W BT/ED28 Coated Non-protected MH Lamp, 277V Magnetic Ballast	**CP**-Chicago Plenum[2]

[1]Core and Coil style.
[2]Consult factory for availability.
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Lensed Trim
Ordering Example: **M1252LC-CL-FG-WH**

	Series		Color	Finish	Lens Type	Options
	M1252LC	Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat	**Alzak® Finishes:** **L**-Specular **S**-Satin	**CG**-Clear Glass **PG**-Prismatic Glass **FG**-Fresnel Glass	**WH**-White flange **WET**-Wet location listing
	M1252B	Lower Baffle	**PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	Blank for Baffle & White		

Dimensions



Accessories

Catalog No.	Description
HB-TL[3]	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52[3]	52" C-Channel Bar Hangers, Pair
HB-28[3]	28" C-Channel Bar Hangers, Pair
LB-27[3]	27" Linear Bar Hangers, Pair
SCA12-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA12-20.

[3]Bar hangers for electronic only. For magnetic ballast units, refer to www.junolightinggroup.com.

HID | M12
12" ED17 Horizontal Ceramic Metal Halide Open Downlight

Description
Horizontal lamp permits shallow profile housing while high lumen output is ideal for high ceilings.

Features
- Ultra-low profile provides maximum clearance in tight installations
- Low iridescent finishes eliminate "rainbowing"
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty 4kV extended husk porcelain socket with nickel-plated brass screw shell
- High power factor ballast
- Magnetic ballast frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M12H-ED-150E120-347**

Catalog No.	Description	Options
M12H-ED-150E120 Ⓔ	150W ED17 Coated Protected MH Lamp, 120V Electronic Ballast	**347**-347 Volt[3]
M12H-ED-150E277 Ⓔ	150W ED17 Coated Protected MH Lamp, 277V Electronic Ballast	***F**-Fuse and Fuse Holder (where *** = voltage)
M12H-ED-150M[1,2,†]	150W ED17 Coated Protected MH Lamp, 120/277V Magnetic Ballast	**CP**-Chicago Plenum[3]
		Q-Quartz restrike with hot start auxiliary control (must specify Q option for reflector also)
		QS-Quartz socket only with leads (must specify Q for reflector also)

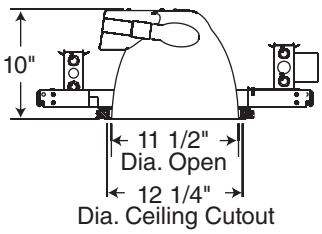
[1]FCAN style
[2]Frame mounted, includes bar hangers.
[3]Consult factory for availability.
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.
[†]Not for use in the United States.

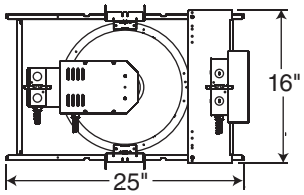
Reflector

Ordering Example: **M1250-CL-WH**

	Series		Color	Finish	Options
	M1250	Open Reflector	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter	**Low Iridescent** **Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange **Q**-Hole for quartz restrike
	M1250B	Baffle	**BZ**-Bronze **B**-Black **W**-White	Blank for Baffle & White	

Dimensions





Accessories

Catalog No.	Description
HB-TL[4]	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52[4]	52" C-Channel Bar Hangers, Pair
HB-28[4]	28" C-Channel Bar Hangers, Pair
LB-27[4]	27" Linear Bar Hangers, Pair
SCA12-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA12-20.

[4]Bar hangers for electronic only. Magnetic come with Tru-Lock.

HID | **M12**
12" ED17/28 Horizontal Ceramic Metal Halide Lenslite

Description
Horizontal lamp permits shallow profile housing while high lumen output is ideal for high ceilings.

Features
- Ultra-low profile provides maximum clearance in tight installations
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base (for 150W and below) or Mogul base (for 175W and above) heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- High power factor ballast
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In

Ordering Example: **M12H-EDS-150E120-QS**

Catalog No.	Description
M12H-EDS-150E120 Ⓔ	150W ED17 Coated Non-protected MH Lamp, 120V Electronic Ballast
M12H-EDS-150E277 Ⓔ	150W ED17 Coated Non-protected MH Lamp, 277V Electronic Ballast
M12H-EDS-150M[1,2]	150W ED17 Coated Non-protected MH Lamp, 120/277V Magnetic Ballast
M12H-EDS-175M-120[1] Ⓔ	175W BT/ED28 Coated Non-protected MH Lamp, 120V Magnetic Ballast
M12H-EDS-175M-277[1] Ⓔ	175W BT/ED28 Coated Non-protected MH Lamp, 277V Magnetic Ballast
M12H-EDS-250M-120[1] Ⓔ	250W BT/ED28 Coated Non-protected MH Lamp, 120V Magnetic Ballast
M12H-EDS-250M-277[1] Ⓔ	250W BT/ED28 Coated Non-protected MH Lamp, 277V Magnetic Ballast

Options
347-347 Volt[3]
*****F**-Fuse and Fuse Holder (where *** = voltage)
CP-Chicago Plenum[3]
Q-Quartz restrike with hot start auxiliary control (must specify Q option for reflector also)
QS-Quartz socket only with leads (must specify Q for reflector also)

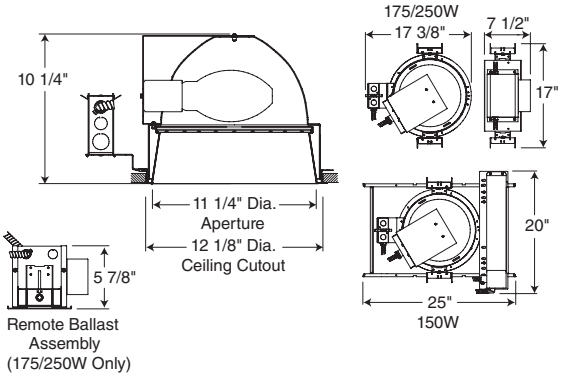
[1]Core and Coil style.
[2]Frame mounted, includes bar hangers.
[3]Consult factory for availability.
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Lensed Trim

Ordering Example: **M1252B-B-FG-Q**

Series		Color	Finish	Lens Type	Options
M1252LC	Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat	**Alzak® Finishes:** **L**-Specular **S**-Satin	**CG**-Clear Glass **PG**-Prismatic Glass **FG**-Fresnel Glass	**WH**-White flange **Q**-Hole for quartz restrike
M1252B	Lower Baffle	**PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	Blank for Baffle & White		**WET**-Wet Location Listing

Dimensions[5]



Accessories

Catalog No.	Description
HB-TL[4]	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52[4]	52" C-Channel Bar Hangers, Pair
HB-28[4]	28" C-Channel Bar Hangers, Pair
LB-27[4]	27" Linear Bar Hangers, Pair
SCA12-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA12-20.

[4]Bar hangers for electronic only. For magnetic ballast units, refer to www.junolightinggroup.com.
[5]Dimensions represent magnetic ballast units. For others, refer to www.junolightinggroup.com.

HID | M6
6" T4 Ceramic Metal Halide Spread Lens Wall Wash

Description
Provides uniform illumination of vertical surface without scallops.

Features
- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Lamp Holder: T4/T4.5 – G8.5 bi-pin socket base with recessed female contacts • 1A, 750V, rated for 5KV pulse • T4 Mini – Twist and lock GU6.5 base; 2A, 250V rated for 5KV pulse • BT5 – Twist and lock PGJ5 base; 2A, 250V rated for 2.5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M6AW-BT-20E1**

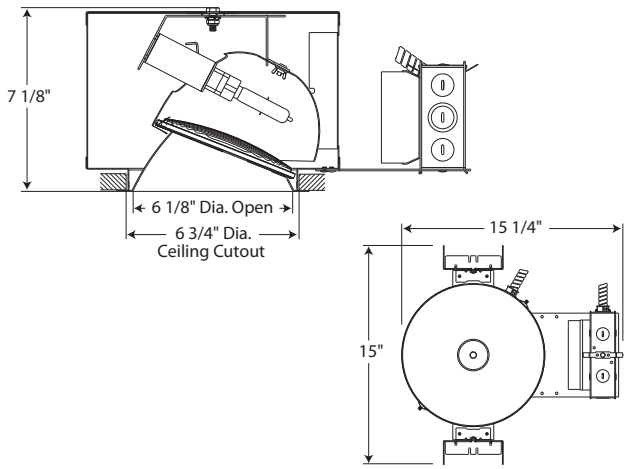
Catalog No.	Description	Options
M6AW-T4-20E	20W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	**347**-347 Volt[1]
M6AW-T4-39E	39W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder
M6AW-T4-70E	70W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	(where *** = voltage)
M6AW-TM-20E	20W T4 Mini MH lamp (GU6.5 base), 120/277V Electronic Ballast	**CP**-Chicago Plenum[1]
M6AW-TM-39E	39W T4 Mini MH lamp (GU6.5 base), 120/277V Electronic Ballast	
M6AW-BT-20E1	20W BT5 MH lamp (PGJ5 base), 120V/277V Electronic Ballast	

[1]Consult factory for availability.

Reflector
Ordering Example: **MT6WL-CL**

Series		Color	Finish	Options
MT6WL	Spread Lens Wall Wash w/Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White	**WH**-White flange

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

HID | M6
6" T6/4.5 Ceramic Metal Halide Spread Lens Wall Wash

Description
Provides uniform illumination of vertical surface without scallops.

Features
- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Lamp Holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M6AW-T6-70E**

Catalog No.	Description	Options
M6AW-T6-20E	20W T4.5 MH lamp (G12 base), 120/277V Electronic Ballast	**347**-347 Volt[1]
M6AW-T6-39E	39W T6 MH lamp (G12 base), 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder
M6AW-T6-70E	70W T6 MH lamp (G12 base), 120/277V Electronic Ballast	(where *** = voltage)
M6AW-T6-150E1 Ⓔ	150W T6 MH lamp (G12 base), 120V Electronic Ballast	**CP**-Chicago Plenum[1]
M6AW-T6-150E2 Ⓔ	150W T6 MH lamp (G12 base), 277V Electronic Ballast	

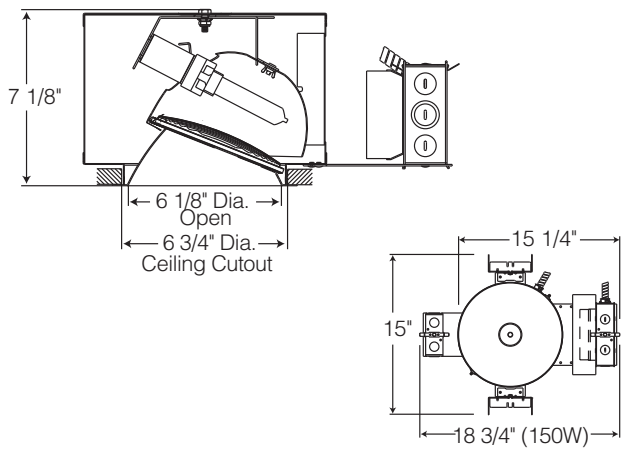
[1]Consult factory for availability.

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Reflector
Ordering Example: **MT6WL-CL**

Series		Color	Finish	Options
MT6WL	Spread Lens Wall Wash w/Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent Alzak® Finishes:** **L**-Specular **S**-Satin Blank White	**WH**-White flange

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

HID | M6
6" PAR38 Ceramic Metal Halide Spread Lens Wall Wash

Description
Provides uniform illumination of vertical surface without scallops.

Features
- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- High power factor ballast
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M6AW-P38-70E-120F**

Catalog No.	Description	Options
M6AW-P38-70E	70W PAR38 MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt[2]
M6AW-P38-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder
M6AW-P38-150E120 Ⓔ	150W PAR38 MH Lamp, 120V Electronic Ballast	(where *** = voltage)
M6AW-P38-150E277 Ⓔ	150W PAR38 MH Lamp, 277V Electronic Ballast	**CP**-Chicago Plenum[2]
M6AW-P38-70M[1]	70W PAR38 MH Lamp, 120/277V Magnetic Ballast	**FCAN**-FCAN Ballast in lieu of core and coil
M6AW-P38-100M[1]	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	(Includes HB-TL bar hangers)
M6AW-P38-150M[1,†]	150W PAR38 MH Lamp, 120/277V Magnetic Ballast	

[1]Core and Coil Style; FCAN optional. Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.

[2]Consult factory for availability.

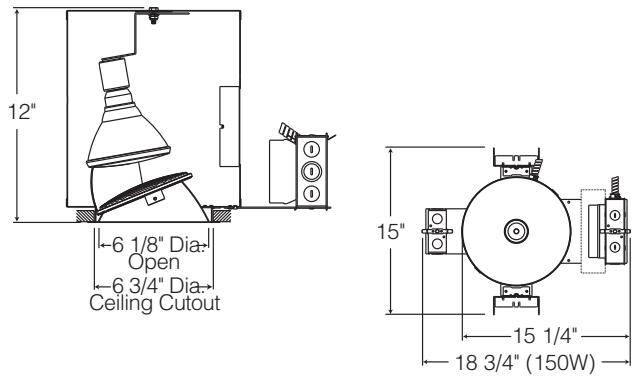
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

[†]Not for use in the United States.

Lensed Trim
Ordering Example: **P6WL-P38-W**

Series		Color	Finish	Options
P6WL-P38	Spread Lens Wall Wash w/Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **B**-Black **BZ**-Bronze **B**-Black **W**-White	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White	**WH**-White flange

Dimensions[3]



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

[3]Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.

HID | M8
8" T6 Ceramic Metal Halide Spread Lens Wall Wash

Description
Provides uniform illumination of vertical surface without scallops.

Features
- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Lamp Holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M8AW-T6-39E**

Catalog No.	Description	Options
M8AW-T6-39E	39W T6 MH lamp (G12 base), 120/277V Electronic Ballast	**347**-347 Volt[1]
M8AW-T6-70E	70W T6 MH lamp (G12 base), 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder
M8AW-T6-150E1 Ⓔ	150W T6 MH lamp (G12 base), 120V Electronic Ballast	(where *** = voltage)
M8AW-T6-150E2 Ⓔ	150W T6 MH lamp (G12 base), 277V Electronic Ballast	**CP**-Chicago Plenum[1]

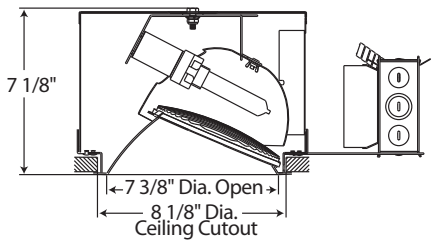
[1]Consult factory for availability.

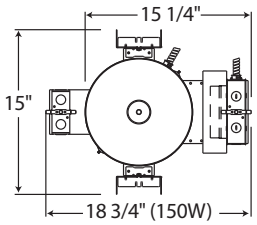
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Reflector
Ordering Example: **MT8WL-CL**

Series		Color	Finish	Options
MT8WL	Spread Lens Wall Wash w/Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent** **Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White	**WH**-White flange

Dimensions





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

HID | M8
8" PAR38 Ceramic Metal Halide Spread Lens Wall Wash

Description
Provides uniform illumination of vertical surface without scallops.

Features
- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- High power factor ballast
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M8AW-P38-70E-120F**

Catalog No.	Description	Options
M8AW-P38-70E	70W PAR38 MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt
M8AW-P38-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder
M8AW-P38-150E120 Ⓔ	150W PAR38 MH Lamp, 120V Electronic Ballast	(where *** = voltage)
M8AW-P38-150E277 Ⓔ	150W PAR38 MH Lamp, 277V Electronic Ballast	**CP**-Chicago Plenum[2]
M8AW-P38-70M[1]	70W PAR38 MH Lamp, 120/277V Magnetic Ballast	**FCAN**-FCAN Ballast in lieu of core and coil
M8AW-P38-100M[1]	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	(Includes HB-TL bar hangers)
M8AW-P38-150M[1,†]	150W PAR38 MH Lamp, 120/277V Magnetic Ballast	

[1]Core and Coil Style; FCAN optional. Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.

[2]Consult factory for availability.

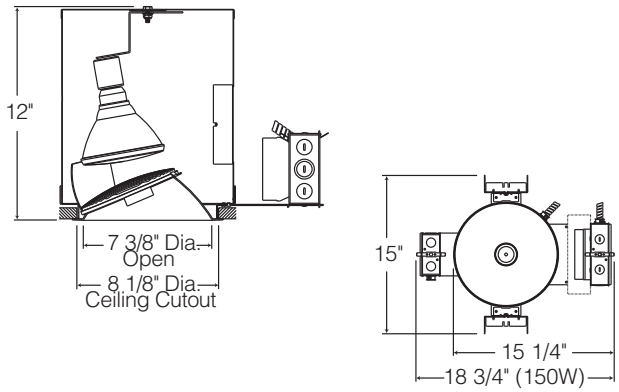
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

[†]Not for use in the United States.

Lensed Trim
Ordering Example: **P8WL-P38-CL-WH**

Series		Color	Finish	Options
P8WL-P38	Spread Lens Wall Wash w/Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White	**WH**-White flange

Dimensions[3]



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

[3]Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.

HID | **M4A**
4" T4 Ceramic Metal Halide Internally Adjustable, Low Glare

Description
CMH adjustables with angle cones provide low glare accent and task lighting.

Features
- Up to 35° tilt and 360° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Lamp Holder: T4/T4.5 – G8.5 bi-pin socket base with recessed female contacts • 1A, 750V, rated for 5KV pulse • T4 Mini – Twist and lock GU6.5 base; 2A, 250V rated for 5KV pulse • BT5 – Twist and lock PGJ5 base; 2A, 250V rated for 2.5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M4A-BT-20E1**

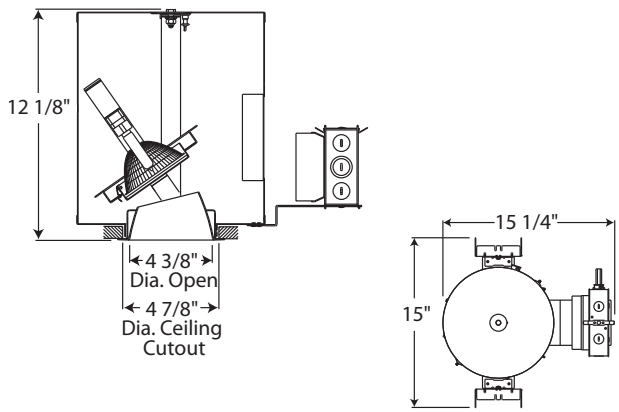
Catalog No.	Description	Options
M4A-T4-20E	20W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	**347**-347 Volt[1]
M4A-T4-39E	39W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder
M4A-T4-70E	70W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	(where *** = voltage)
M4A-TM-20E	20W T4 Mini MH lamp (GU6.5 base), 120/277V Electronic Ballast	**CP**-Chicago Plenum[1]
M4A-TM-39E	39W T4 Mini MH lamp (GU6.5 base), 120/277V Electronic Ballast	**SW**-Lamp Sensing Switch for Electronic Ballast
M4A-BT-20E1	20W BT5 MH lamp (PGJ5 base), 120V Electronic Ballast	

[1]Consult factory for availability.

Reflector
Ordering Example: **MT400AN-CL**

Series		Color	Finish	Options
MT400AS	Angle Cut Cone, Spot Beam	**C**-Clear **G**-Gold **WT**-Wheat	**Low Iridescent Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White	**WH**-White flange
MT400AN	Angle Cut Cone, Narrow Flood Beam	**PT**-Pewter **BZ**-Bronze **B**-Black		
MT400AF	Angle Cut Cone, Flood Beam	**W**-White		

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

HID | **M4A**
4" T6/T4.5 Ceramic Metal Halide Internally Adjustable, Low Glare

Description
CMH adjustables with angle cones provide low glare accent and task lighting.

Features
- Up to 35° tilt and 360° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Lamp Holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M4A-T6-39E**

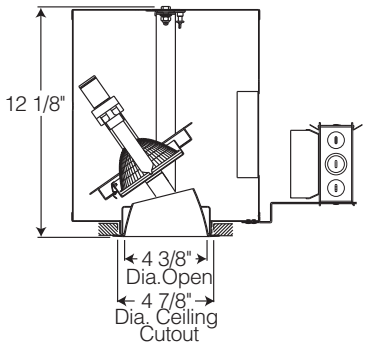
Catalog No.	Description	Options
M4A-T6-20E	20W T4.5 MH lamp (G12 base), 120/277V Electronic Ballast	**347**-347 Volt[1]
M4A-T6-39E	39W T6 MH lamp (G12 base), 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder (where *** = voltage)
M4A-T6-70E	70W T6 MH lamp (G12 base), 120/277V Electronic Ballast	**CP**-Chicago Plenum[1]
		SW-Lamp Sensing Switch for Electronic Ballast

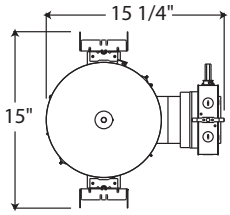
[1]Consult factory for availability.

Reflector
Ordering Example: **MT400AN-CL**

Series		Color	Finish	Options
MT400AS	Angle Cut Cone, Spot Beam	**C**-Clear **G**-Gold **WT**-Wheat	**Low Iridescent Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White	**WH**-White flange
MT400AN	Angle Cut Cone, Narrow Flood Beam	**PT**-Pewter **BZ**-Bronze **B**-Black		
MT400AF	Angle Cut Cone, Flood Beam	**W**-White		

Dimensions





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

HID | **M4A**
4" MR16 Ceramic Metal Halide Internally Adjustable, Low Glare

Description
CMH adjustables with angle cones provide low glare accent and task lighting.

Features
- Up to 45° tilt and 360° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Lamp Holder: GX10 twist and lock lamp holder provides precise positioning of lamp for excellent optical control in luminaires; 2A, 250V rated for 5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M4A-MR16-20E**

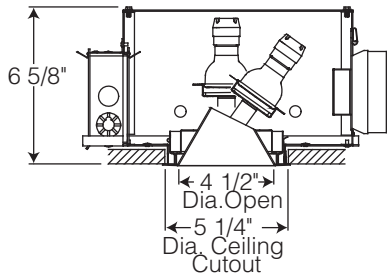
Catalog No.	Description	Options
M4A-MR16-20E	20W MR16 MH lamp, 120/277V Electronic Ballast	**347**-347 Volt[1]
M4A-MR16-39E	39W MR16 MH lamp, 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder (where *** = voltage)
		CP-Chicago Plenum[1]

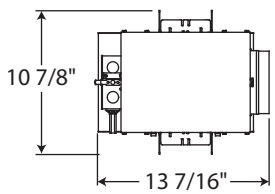
[1]Consult factory for availability.

Reflector
Ordering Example: **MP400A-MR16-CL**

	Series		Color	Finish	Options
	MP400A-MR16	Angle Cut Cone	**C**-Clear **G**-Gold **WT**-Wheat	**Low Iridescent Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Baffle, Pinhole, Slot & White	**WH**-White flange
	MP400AB-MR16-B **MP400AB-MR16-W**	Angle Cut Baffle for MR16, Black Angle Cut Baffle for MR16, White	**PT**-Pewter **BZ**-Bronze **B**-Black **W**-White		
	MP400SLT-MR16-W	Slotted Aperture for MR16, White	Blank for Baffle, Pinhole, Slot		
	MP400PIN-MR16-W	Pinhole Aperture for MR16, White			

Dimensions





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HCL16	Hexcell Louver
1061-R	Red Color Filter
1061-LB	Light Blue Color Filter
1061-MB	Medium Blue Color Filter
1061-A	Amber Color Filter
1061-G	Green Color Filter
1061-PGL	Prismatic Glass Lens
1061-LSL	Linear Spread Lens

HID | **M4A**
4" PAR20 Ceramic Metal Halide Internally Adjustable, Low Glare

Description
CMH PAR adjustables with angle cones provide low glare accent and task lighting.

Features
- Up to 40° tilt and 355° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- High power factor ballast
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In

Ordering Example: **M4A-P20-39E-120F**

Catalog No.	Description	Options
M4A-P20-39E	39W PAR20 MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt
M4A-P20-39M[1]	39W PAR20 MH Lamp, 120/277V Magnetic Ballast	***F**-Fuse and Fuse Holder (where *** = voltage)
		CP-Chicago Plenum[2]
		FCAN-FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)

[1]Core and Coil Style; FCAN optional. Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.

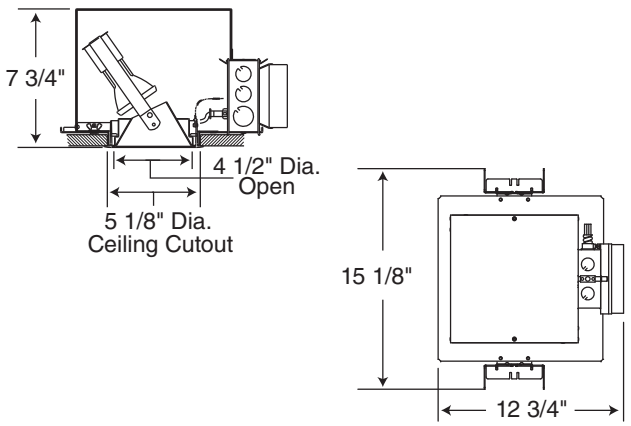
[2]Consult factory for availability.

Reflector

Ordering Example: **MP400A-P20-CL-WH**

	Series		Color	Finish	Options
	MP400A-P20	Angle Cut Cone for PAR20	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White Blank for Baffle, Pinhole, Slot	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Baffle, Pinhole, Slot Blank for White	**WH**-White flange
	MP400AB-P20-B	Angle Cut Baffle for PAR20, Black			
	MP400SLT-P20-W	Slotted Aperture for PAR20, White			
	MP400PIN-P20-W	Pinhole Aperture for PAR20, White			

Dimensions[3]



[3]Dimensions represent 39W electronic ballast. For magnetic, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

HID | **M6A**
6" T4 Ceramic Metal Halide Internally Adjustable, Low Glare

Description
CMH adjustables with angle cones provide low glare accent and task lighting.

Features
- Up to 35° tilt and 360° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Lamp Holder: T4/T4.5 – G8.5 bi-pin socket base with recessed female contacts • 1A, 750V, rated for 5KV pulse • T4 Mini – Twist and lock GU6.5 base; 2A, 250V rated for 5KV pulse • BT5 – Twist and lock PGJ5 base; 2A, 250V rated for 2.5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M6A-BT-20E1**

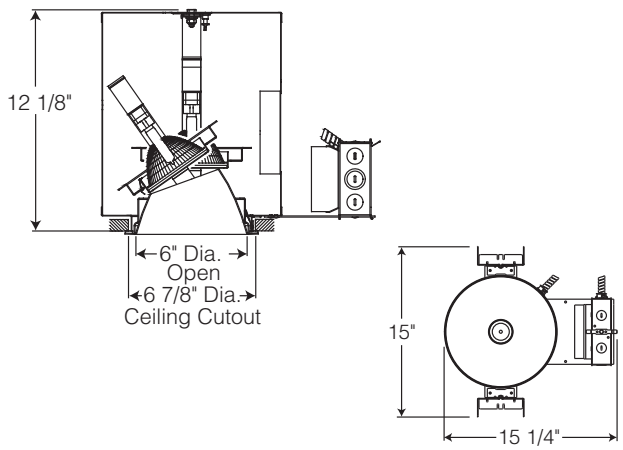
Catalog No.	Description	Options
M6A-T4-20E	20W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	**347**-347 Volt[1]
M6A-T4-39E	39W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder
M6A-T4-70E	70W T4/T4.5 MH lamp (G8.5 base), 120/277V Electronic Ballast	(where *** = voltage)
M6A-TM-20E	20W T4 Mini MH lamp (GU6.5 base), 120/277V Electronic Ballast	**CP**-Chicago Plenum[1]
M6A-TM-39E	39W T4 Mini MH lamp (GU6.5 base), 120/277V Electronic Ballast	**SW**-Lamp Sensing Switch for
M6A-BT-20E1	20W BT5 MH lamp (PGJ5 base), 120V Electronic Ballast	Electronic Ballast

[1]Consult factory for availability.

Reflector
Ordering Example: **MT600AN-CL**

Series		Color	Finish	Options
MT600AS	Angle Cut Cone, Spot Beam	**C**-Clear **G**-Gold **WT**-Wheat	**Low Iridescent Alzak® Finishes:** **L**-Specular	**WH**-White flange
MT600AN	Angle Cut Cone, Narrow Flood Beam	**PT**-Pewter **BZ**-Bronze **B**-Black	**S**-Satin Blank for White	
MT600AF	Angle Cut Cone, Flood Beam	**W**-White		

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

HID | **M6A**
6" T6/T4.5 Ceramic Metal Halide Internally Adjustable, Low Glare

Description
CMH adjustables with angle cones provide low glare accent and task lighting.

Features
- Up to 35° tilt and 360° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Lamp Holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M6A-T6-150E1**

Catalog No.	Description	Options
M6A-T6-20E	20W T4.5 MH lamp (G12 base), 120/277V Electronic Ballast	**347**-347 Volt[1]
M6A-T6-39E	39W T6 MH lamp (G12 base), 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder (where *** = voltage)
M6A-T6-70E	70W T6 MH lamp (G12 base), 120/277V Electronic Ballast	**CP**-Chicago Plenum[1]
M6A-T6-150E1 Ⓔ	150W T6 MH lamp (G12 base), 120V Electronic Ballast	**SW**-Lamp Sensing Switch for Electronic Ballast
M6A-T6-150E2 Ⓔ	150W T6 MH lamp (G12 base), 277V Electronic Ballast	

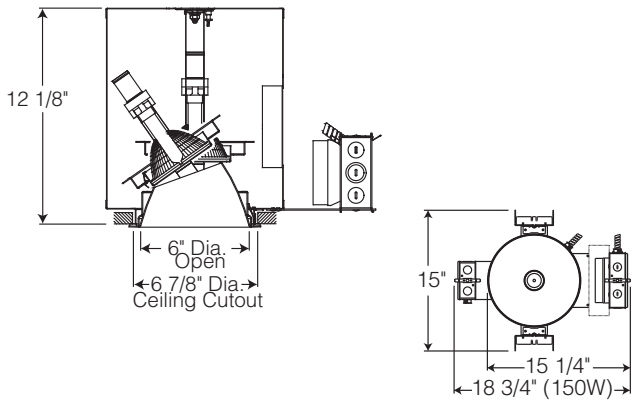
[1]Consult factory for availability.

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Reflector
Ordering Example: **MT600AN-CL**

Series		Color	Finish	Options
MT600AS	Angle Cut Cone, Spot Beam	**C**-Clear **G**-Gold	**Low Iridescent Alzak® Finishes:**	**WH**-White flange
MT600AN	Angle Cut Cone, Narrow Flood Beam	**WT**-Wheat **PT**-Pewter	**L**-Specular **S**-Satin	
MT600AF	Angle Cut Cone, Flood Beam	**BZ**-Bronze **B**-Black **W**-White	Blank for White	
MT600AS-150	Angle Cut Cone, Spot Beam for 150W T6 MH lamp			
MT600AN-150	Angle Cut Cone, Narrow Flood Beam for 150W T6 MH lamp			
MT600AF-150	Angle Cut Cone, Flood Beam for 150W T6 MH lamp			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

HID | **M6A**
6" PAR30L/38 Ceramic Metal Halide Internally Adjustable, Low Glare

Description
CMH PAR adjustables with angle cones provide low glare accent and task lighting.

Features
- Low iridescent
- Up to 35° tilt and 355° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- High power factor ballast
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M6A-P30-39E-120F**

Catalog No.	Description	Options
M6A-P30-39E	39W PAR30L MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt
M6A-P38-70E	70W PAR30L or PAR38 MH Lamp, 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder
M6A-P38-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	(where *** = voltage)
M6A-P38-150E120 Ⓔ	150W PAR38 MH Lamp, 120V Electronic Ballast	**CP**-Chicago Plenum[3]
M6A-P38-150E277 Ⓔ	150W PAR38 MH Lamp, 277V Electronic Ballast	**FCAN**-FCAN Ballast in lieu of core and coil
M6A-P30-39M[1,2]	39W PAR30L MH Lamp, 120/277V Magnetic Ballast	(Includes HB-TL bar hangers)
M6A-P38-70M[1,2]	70W PAR30L or PAR38 MH Lamp, 120/277V Magnetic Ballast	
M6A-P38-100M[1,2]	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	
M6A-P38-150M[1,2,†]	150W PAR38 MH Lamp, 120/277V Magnetic Ballast	

[1]Core and Coil Style; FCAN optional.

[2]Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.

[3]Consult factory for availability.

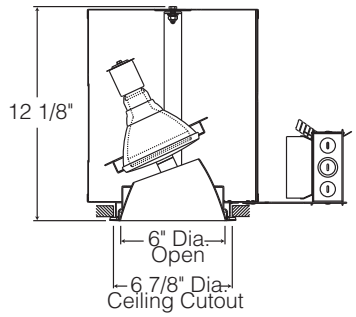
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

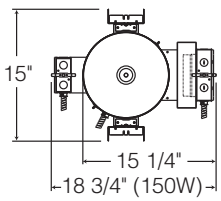
[†]Not for use in the United States.

Reflector
Ordering Example: **MP600A-P38-CL-WH**

Series		Color	Finish	Options
MP600A-P38	Angle Cut Cone for PAR30L, PAR38	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent** **Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Baffle & White	**WH**-White flange

Dimensions[4]





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

[4]Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.

HID | **M6A**
6" PAR38 Ceramic Metal Halide Internally Adjustable, Easy Adjustment

Description
CMH PAR adjustables with straight cones provide easy adjustment accent and task lighting.

Features
- Lamp collar provides easy adjustment by hand
- Up to 35° tilt and 355° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- High power factor ballast
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M6A-P38-70E-120F**

Catalog No.	Description	Options
M6A-P38-70E	70W PAR38 MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt[3]
M6A-P38-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder
M6A-P38-150E120 Ⓔ	150W PAR38 MH Lamp, 120V Electronic Ballast	(where *** = voltage)
M6A-P38-150E277 Ⓔ	150W PAR38 MH Lamp, 277V Electronic Ballast	**CP**-Chicago Plenum[3]
M6A-P38-70M[1,2]	70W PAR38 MH Lamp, 120/277V Magnetic Ballast	**FCAN**-FCAN Ballast in lieu of core and
M6A-P38-100M[1,2]	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	coil (Includes HB-TL bar hangers)
M6A-P38-150M[1,2,†]	150W PAR38 MH Lamp, 120/277V Magnetic Ballast	

[1]Core and Coil Style; FCAN optional.

[2]Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.

[3]Consult factory for availability.

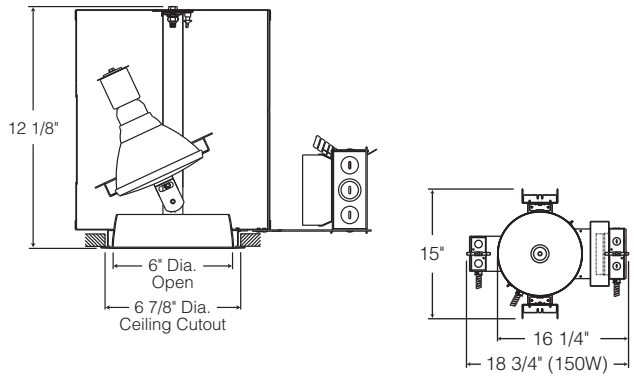
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

[†]Not for use in the United States.

Reflector
Ordering Example: **MP600SC-P38-CL-WH**

Series		Color	Finish	Options
MP600SC-P38	Straight Cone for PAR38	**C**-Clear **G**-Gold **WT**-Wheat	**Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange
MP600SB-P38	Straight Baffle for PAR38	**PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	Blank for White Blank for Baffle	

Dimensions[4]



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

[4]Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.

HID | **M8A**
8" T6 Ceramic Metal Halide Internally Adjustable, Low Glare

Description
CMH adjustables with angle cones provide low glare accent and task lighting.

Features
- Up to 35° tilt and 360° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Heavy gauge steel housing with black baked enamel finish
- Lamp Holder: G12 socket base with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- High power factor ballast
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2"EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M8A-T6-70E**

Catalog No.	Description	Options
M8A-T6-39E	39W T6 MH lamp (G12 base), 120/277V Electronic Ballast	**347**-347 Volt[1]
M8A-T6-70E	70W T6 MH lamp (G12 base), 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder (where *** =voltage)
M8A-T6-150E1 Ⓔ	150W T6 MH lamp (G12 base), 120V Electronic Ballast	**CP**-Chicago Plenum[1]
M8A-T6-150E2 Ⓔ	150W T6 MH lamp (G12 base), 277V Electronic Ballast	**SW**-Lamp Sensing Switch for Electronic Ballast

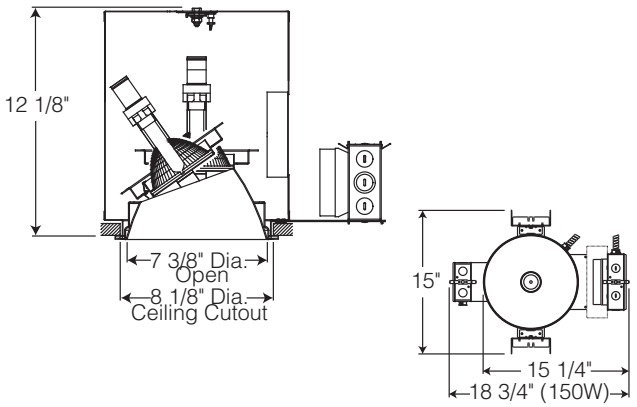
[1]Consult factory for availability.

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

Reflector
Ordering Example: **MT800AN-CL**

Series		Color	Finish	Options
MT800AS	Angle Cut Cone, Spot Beam	**C**-Clear **G**-Gold	**Low Iridescent Alzak® Finishes:**	**WH**-White flange
MT800AN	Angle Cut Cone, Narrow Flood Beam	**WT**-Wheat **PT**-Pewter	**L**-Specular **S**-Satin	
MT800AF	Angle Cut Cone, Flood Beam	**BZ**-Bronze **B**-Black	Blank for White	
MT800AS-150	Angle Cut Cone, Spot Beam for 150W T6 MH lamp	**W**-White		
MT800AN-150	Angle Cut Cone, Narrow Flood Beam for 150W T6 MH lamp			
MT800AF-150	Angle Cut Cone, Flood Beam for 150W T6 MH lamp			

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

HID | M8A
8" PAR30L/38 Ceramic Metal Halide Internally Adjustable, Low Glare

Description
CMH PAR adjustables with angle cones provide low glare accent and task lighting.

Features
- Low iridescent
- Up to 35° tilt and 355° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- High power factor ballast
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M8A-P30-39E-120F**

Catalog No.	Description	Options
M8A-P30-39E	39W PAR30L MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt[3]
M8A-P38-70E	70W PAR30L or PAR38 MH Lamp, 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder (where *** = voltage)
M8A-P38-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	**CP**-Chicago Plenum[3]
M8A-P38-150E120 Ⓔ	150W PAR38 MH Lamp, 120V Electronic Ballast	**FCAN**-FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)
M8A-P38-150E277 Ⓔ	150W PAR38 MH Lamp, 277V Electronic Ballast	
M8A-P30-39M[1,2]	39W PAR30L MH Lamp, 120/277V Magnetic Ballast	
M8A-P38-70M[1,2]	70W PAR30L or PAR38 MH Lamp, 120/277V Magnetic Ballast	
M8A-P38-100M[1,2]	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	
M8A-P38-150M[1,2,†]	150W PAR38 MH Lamp, 120/277V Magnetic Ballast	

[1]Core and Coil Style; FCAN optional.

[2]Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.

[3]Consult factory for availability.

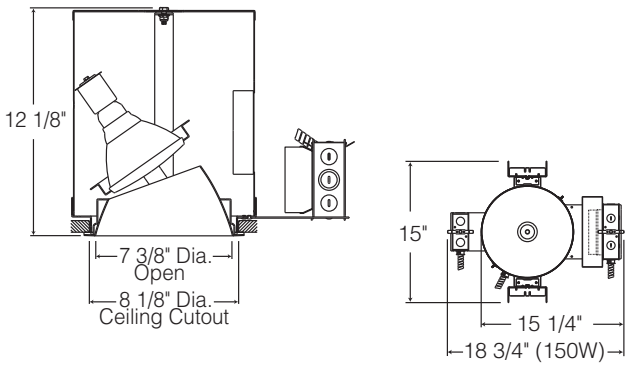
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

[†]Not for use in the United States.

Reflector
Ordering Example: **P800A-P38-CL-WH**

Series		Color	Finish	Options
P800A-P38	Angle Cut Cone for PAR30L, PAR38	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Low Iridescent** **Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White	**WH**-White flange

Dimensions[4]



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

[4]Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.

HID | M8A
8" PAR38 Ceramic Metal Halide Internally Adjustable, Easy Adjustment

Description
CMH PAR adjustables with straight cones provide easy adjustment accent and task lighting.

Features
- Lamp collar provides easy adjustment by hand
- Up to 35° tilt and 355° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- High power factor ballast
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **M8A-P38-70E-CP**

Catalog No.	Description	Options
M8A-P38-70E	70W PAR38 MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt
M8A-P38-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	***F**-Fuse and Fuse Holder (where*** = voltage)
M8A-P38-150E120 Ⓔ	150W PAR38 MH Lamp, 120V Electronic Ballast	**CP**-Chicago Plenum[3]
M8A-P38-150E277 Ⓔ	150W PAR38 MH Lamp, 277V Electronic Ballast	**FCAN**-FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)
M8A-P38-70M[1,2]	70W PAR38 MH Lamp, 120/277V Magnetic Ballast	
M8A-P38-100M[1,2]	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	
M8A-P38-150M[1,2,†]	150W PAR38 MH Lamp, 120/277V Magnetic Ballast	

[1]Core and Coil Style; FCAN optional.

[2]Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.

[3]Consult factory for availability.

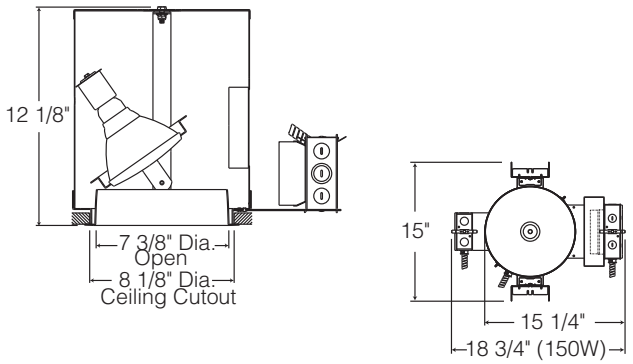
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

[†]Not for use in the United States.

Reflector
Ordering Example: **P800SC-P38-CL-WH**

	Series		Color	Finish	Options
	P800SC-P38	Straight Cone for PAR38	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White	**WH**-White flange
	P800SB-P38	Straight Baffle for PAR38	**BZ**-Bronze **B**-Black **W**-White	Blank for Baffle	

Dimensions[4]



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

[4]Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.

Incandescent | A4
4" Vertical A19 Open Downlight

Description
Incandescent provides excellent color rendering and "instant on."

Features
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell in die cast socket housing
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **A4-277-F**

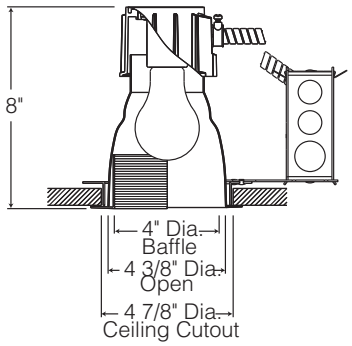
Catalog No.	Description	Options
A4	40-100W, A-19, 120 Volt Input	**F**-Fuse and Fuse Holder
A4-277[1]	40-100W, A-19, 277 Volt Input	

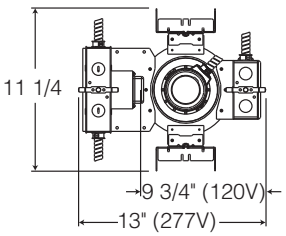
[1]Magnetic transformer.

Reflector
Ordering Example: **A400B-B**

	Series		Color	Finish	Options
	A400	Open Reflector for A-19	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Baffle & White	**WH**-White flange **MAX###**-Labeled for maximum wattage (where ### = wattage)
	A400B	Baffle for A-19	**BZ**-Bronze **B**-Black **W**-White		

Dimensions[3]





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.

Incandescent | A4
4" Vertical PAR16/20 Open Downlight

Description
PAR incandescent lamps provide beam spread choice and excellent color rendering.

Features
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell in die cast socket housing
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **A4-F**

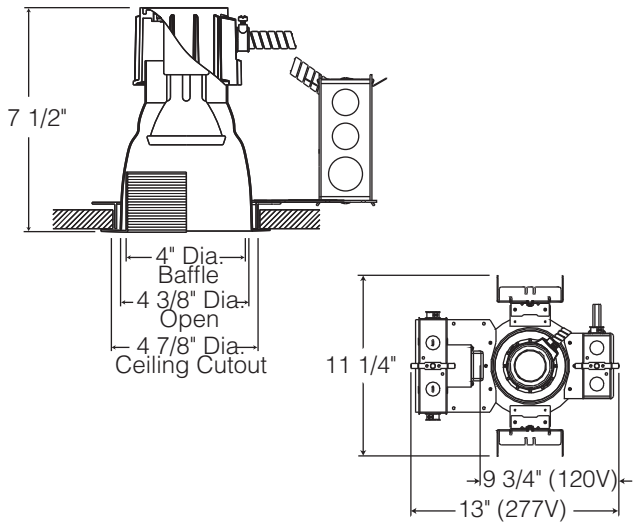
Catalog No.	Description	Options
A4	40-75W PAR16; 50W PAR20; 120 Volt Input	**F**-Fuse and Fuse Holder
A4-277[1]	40-75W PAR16; 50W PAR20; 277 Volt Input	

[1]Magnetic transformer

Reflector
Ordering Example: **P400-P20-CL-WH**

	Series		Color	Finish	Options
	P400-P20	Open Reflector for PAR16 or PAR20	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White Blank for Baffle	**WH**-White flange **MAX###**-Labeled for maximum wattage (where ### = wattage)
	P400B-P20	Baffle for PAR16 or PAR20			

Dimensions[3]



[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.

Incandescent | P4D
4" Vertical PAR30 Deep Cone, Baffle Downlight

Description
Deeply recessed PAR lamp minimizes glare.

Features
- Deeply regressed lamp provides inconspicuous aperture
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **P4D-F**

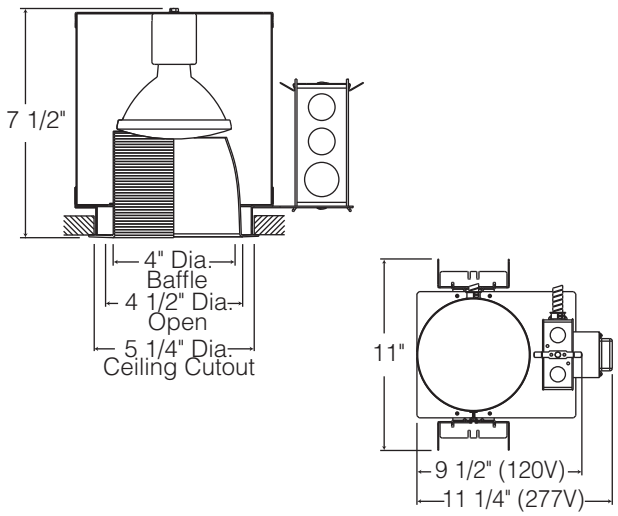
Catalog No.	Description	Options
P4D	50-75W PAR30; 120 Volt Input	**F**-Fuse and Fuse Holder
P4D-277[1]	50-75W PAR30; 277 Volt Input	**CP**-Chicago Plenum[2]

[1]Magnetic transformer
[2]Consult factory for availability.

Reflector
Ordering Example: **P400SC-P30-CL-WH**

Series		Color	Finish	Options
P400SC-P30	Open Deep Cone for PAR30	**C**-Clear **G**-Gold **WT**-Wheat	**Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange **MAX###**-Labeled for maximum wattage (where ### = wattage)
P400SB-P30	Baffle for PAR30	**PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	Blank for White Blank for Baffle	

Dimensions[3]



[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA4-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA4-20.

Incandescent | A6H
6" Horizontal A19/21 Open Downlight, Wall Wash

Description
Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with very good brightness control.

Features
- Low profile provides maximum clearance in tight installations
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **A6H-F**

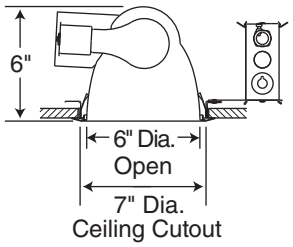
Catalog No.	Description	Options
A6H	40-100W A-19; 75-150W A-21, 120 Volt Input	**F**-Fuse and Fuse Holder
A6H-277[1]	40-100W A-19; 75-150W A-21, 277 Volt Input	

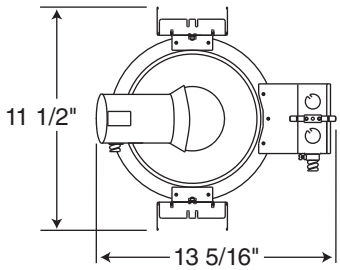
[1]Magnetic transformer

Reflector
Ordering Example: **A650-CL-MAX100**

Series		Color	Finish	Options
A650	Open Reflector	**C**-Clear **G**-Gold **WT**-Wheat	**Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange **MAX###**-Labeled for maximum wattage (where ### = wattage)
A650WS	Single Wall Wash	**PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	Blank for White	

Dimensions[3]





[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

Incandescent | A6
6" Vertical A19/21 Open Downlight, Wall Wash

Description
Incandescent provides excellent color rendering and "instant on."

Features
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell in die cast socket housing
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **A6-F**

Catalog No.	Description	Options
A6[1]	40-100W A-19; 75-200W A-21;120 Volt Input	**F**-Fuse and Fuse Holder
A6-277[1, 2]	40-100W A-19; 75-150W A-21; 277 Volt Input	
A6-2772[1, 2]	200W A-21, 277 Volt Input	

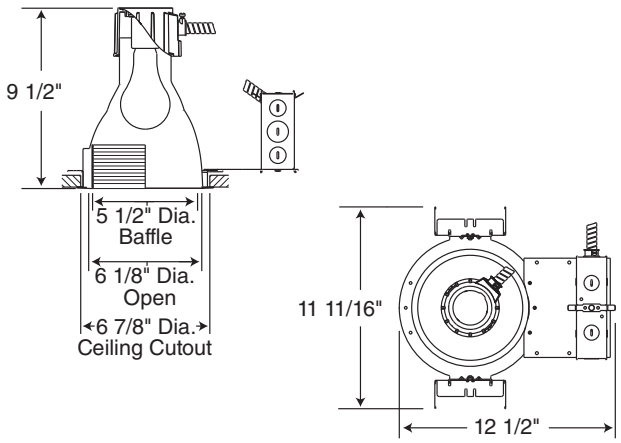
[1]For corner and double wall wash, change A6 to A6W in catalog number.
[2]Magnetic transformer

Reflector
Ordering Example: **A600-A19-CL-WH**

	Series		Color	Finish	Options
	A600-A19	Open Reflector for A-19	**C**-Clear	**Alzak® Finishes:**	**WH**-White flange
	A600-A21	Open Reflector for A-21	**G**-Gold	**L**-Specular	**MAX###**-Labeled for maximum wattage (where ### = wattage)
			WT-Wheat	**S**-Satin	
			PT-Pewter	Blank for Baffle & White	
	A600WS-A19[4]	Single Wall Wash for A-19	**BZ**-Bronze		
	A600WS-A21[4]	Single Wall Wash for A-21	**B**-Black		
			W-White		
	A600B-A19	Baffle for A-19			
	A600B-A21	Baffle for A-21			

[4]For corner wall wash, change WS to WC; for double wall wash, change WS to WD. Corner and double wall wash must be ordered with A6W Rough-In.

Dimensions[5]



[5]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

Incandescent | P6
6" Vertical PAR30/38 Open Downlight

Description
PAR incandescent lamps provide beam spread choice and excellent color rendering.

Features
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell in die cast socket housing
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **P6-P30-F**

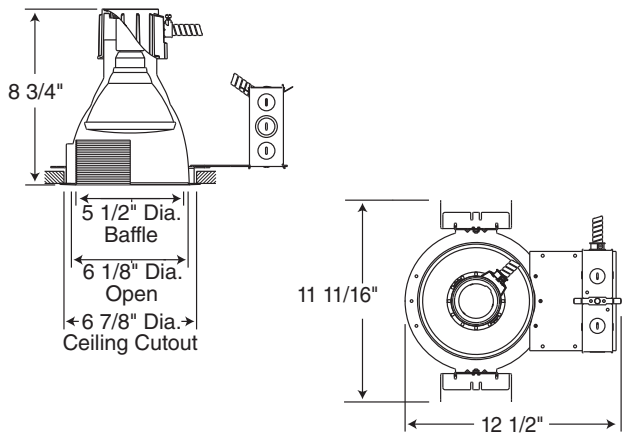
Catalog No.	Description	Options
P6-P30	50-75W PAR30; 120 Volt Input	**F**-Fuse and Fuse Holder
P6-P30-277[1]	50-75W PAR30; 277 Volt Input	
A6	45-150W or Q150-Q250W PAR38; 120 Volt Input	
A6-277[1]	45-150W or Q150W PAR38; 277 Volt Input	
A6-2773[1]	Q250W PAR38; 277 Volt Input	

[1]Magnetic transformer
[2]Consult factory for availability.

Reflector
Ordering Example: **P600-P38-CL-WH**

Series		Color	Finish	Options
P600-P38	Open Reflector for PAR30, PAR38	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White and Baffle	**WH**-White flange **MAX###**-Labeled for maximum wattage (where ### = wattage)
P600B-P38	Baffle for PAR30, PAR38			

Dimensions[3]



[3]Dimensions represent 120V, PAR38 units. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

Incandescent | P6D
6" Vertical PAR30/38 Deep Cone, Baffle Downlight

Description
Deeply recessed PAR lamp minimizes glare.

Features
- Deeply regressed lamp provides inconspicuous aperture
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **P6D-P30-CP**

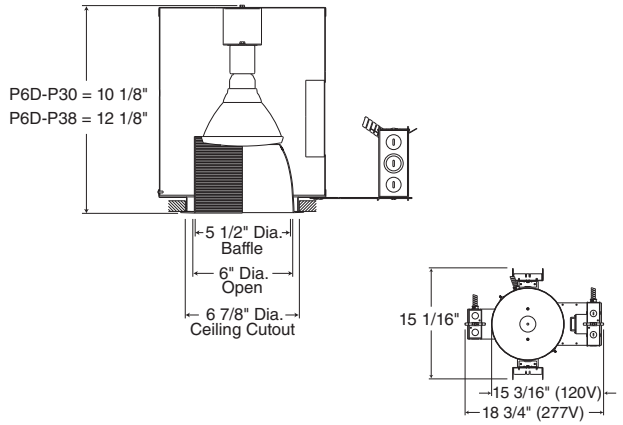
Catalog No.	Description	Options
P6D-P30	50-75W PAR30; 120 Volt Input	**F**-Fuse and Fuse Holder
P6D-P30-277[1]	50-75W PAR30; 277 Volt Input	**CP**-Chicago Plenum[2]
P6D-P38	45-150W or Q150W PAR38; 120 Volt Input	
P6D-P38-277[1]	45-150W or Q150W PAR38; 277 Volt Input	

[1]Magnetic transformer
[2]Consult factory for availability.

Reflector
Ordering Example: **PD600-P38-CL-WH**

Series		Color	Finish	Options
PD600-P38	Open Deep Cone for PAR30, PAR38	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Baffle & White	**WH**-White flange **MAX###**-Labeled for maximum wattage (where ### = wattage)
PD600B-P38	Baffle for PAR30, PAR38	**BZ**-Bronze **B**-Black **W**-White		

Dimensions[3]



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SCA6-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA6-20.

[3]Dimensions represent 120V, PAR38 units. For others, refer to www.junolightinggroup.com.

Incandescent | A8
8" Vertical A21/23 Open Downlight, Wall Wash

Description
Incandescent provides excellent color rendering and "instant on."

Features
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell in die cast socket housing
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **A8-F**

Catalog No.	Description	Options
A8[1]	75-200W A-21; 100-200W A-23; 120 Volt Input	**F**-Fuse and Fuse Holder
A8-277[1, 2]	75-150W A-21; 100-150W A-23; 277 Volt Input	
A8-2772[1, 2]	200W, A-21; 200W A-23; 277 Volt Input	

[1]For corner and double wall wash, change A8 to A8W in catalog number.

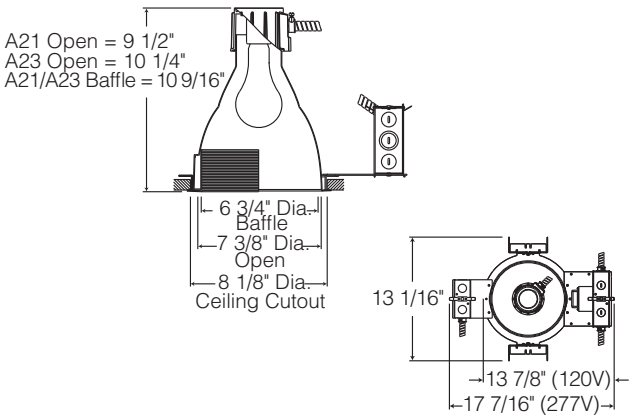
[2]Magnetic transformer

Reflector
Ordering Example: **A800B-A23-B**

	Series		Color	Finish	Options
	A800-A21	Open Reflector for A-21	**C**-Clear	**Alzak® Finishes:**	**WH**-White flange
	A800-A23	Open Reflector for A-23	**G**-Gold	**L**-Specular	**MAX###**- Labeled for
			WT-Wheat	**S**-Satin	maximum wattage
			PT-Pewter	Blank for Baffle	(where ### = wattage)
	A800WS-A21[4]	Single Wall Wash for A-21	**BZ**-Bronze	& White	
	A800WS-A23[4]	Single Wall Wash for A-23	**B**-Black		
			W-White		
	A800B-A23	Baffle for A-21, A-23			

[4]For corner wall wash, change WS to WC; for double wall wash, change WS to WD. Corner and double wall wash must be ordered with A8W Rough-In.

Dimensions[5]



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter
	*Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

[5]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Incandescent | **A8**
8" Vertical A21/23 Lenslite

Description
Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell in die cast socket housing
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations, wet location optional

Rough-In
Ordering Example: **A8-F**

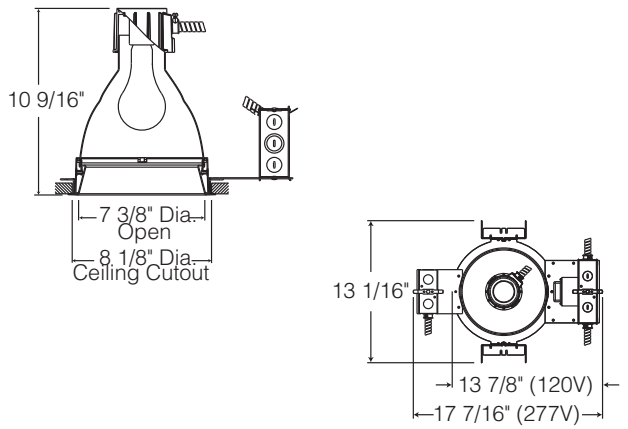
Catalog No.	Description	Options
A8	75-200W A-21; 100-200W A-23; 120 Volt Input	**F**-Fuse and Fuse Holder
A8-277[1]	75-150W A-21; 100-150W A-23; 277 Volt Input	
A8-2772[1]	200W A-21 lamp; 200W A-23; 277 Volt Input	

[1]Magnetic transformer

Lensed Trim
Ordering Example: **A800B-A23-B-FG-MAX150**

	Series		Color	Finish	Lens Type	Options
	A800LC-A23	Lower Cone for A-21, A-23	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Baffle & White	**CG**-Clear Glass **PG**-Prismatic Glass **FG**-Fresnel Glass	**WH**-White flange **WET**-Wet Location Listing **MAX###**-Labeled for maximum wattage (where ### = wattage)
	A800B-A23	Lower Baffle for A-21, A-23				

Dimensions[3]



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Incandescent | A8
8" Vertical PAR38 Open Downlight

Description
PAR incandescent lamps provide beam spread choice and excellent color rendering.

Features
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have specular clear Alzak® upper reflector and painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell in die cast socket housing
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **A8-F**

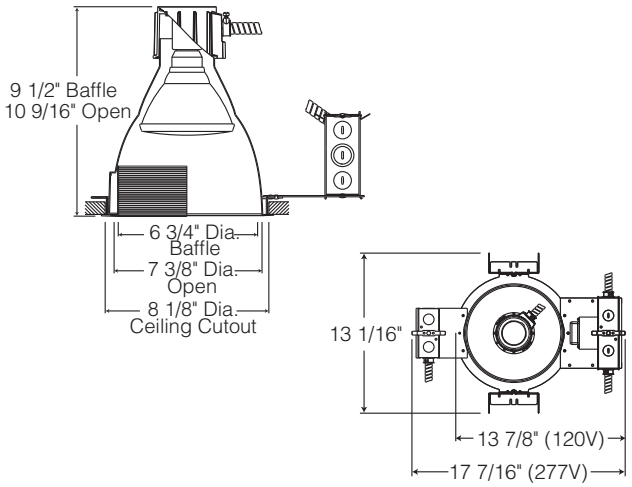
Catalog No.	Description	Options
A8	45-150W or Q150-Q250W PAR38, 120 Volt Input	**F**-Fuse and Fuse Holder
A8-277[1]	45-150W or Q150W PAR38, 277 Volt Input	
A8-2773[1]	Q250 PAR38, 277 Volt Input	

[1]Magnetic transformer

Reflector
Ordering Example: **P800-P38-CL-WH**

Series		Color	Finish	Options
P800-P38	Open Reflector	**C**-Clear **G**-Gold **WT**-Wheat	**Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange **MAX###**-Labeled for maximum wattage (where ### = wattage)
P800B-P38	Baffle	**PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	Blank for Baffle & White	

Dimensions[3]



[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

Incandescent | P8D
8" Vertical PAR38 Deep Cone, Baffle Downlight

Description
Deeply recessed PAR lamp minimizes glare.

Features
- Deeply regressed lamp provides inconspicuous aperture
- Reflectors have self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings,1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **P8D-P38-F**

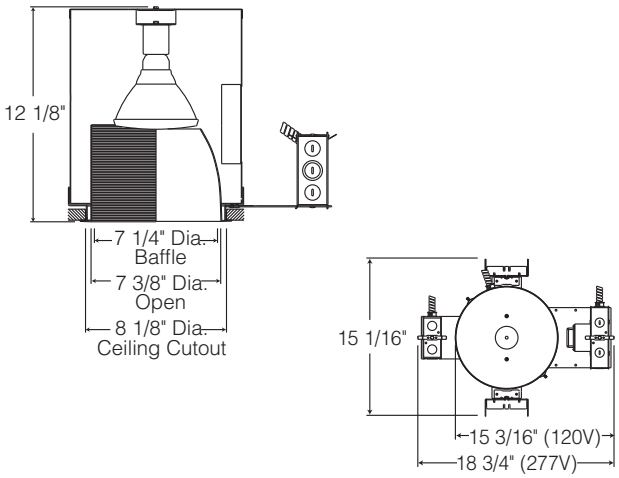
Catalog No.	Description	Options
P8D-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	**F**-Fuse and Fuse Holder
P8D-P38-277[1]	45-150W or Q150W PAR38, 277 Volt Input	**CP**-Chicago Plenum[2]
P8D-P38-2773[1]	Q250W PAR38, 277 Volt Input	

[1]Magnetic transformer
[2]Consult factory for availability.

Reflector
Ordering Example: **PD800-P38-CL-WH**

	Series		Color	Finish	Options
	PD800-P38	Open Deep Cone	**C**-Clear **G**-Gold **WT**-Wheat	**Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange **MAX###**-Labeled for maximum wattage (where ### = wattage)
	PD800B-P38	Deep Baffle	**PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	Blank for Baffle & White	

Dimensions[3]



[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

Incandescent | Q8
8" Vertical T4/T10 Lensed Downlight

Description
High lumen tungsten halogen source is ideal for "instant on" in areas with high ceilings.

Features
- Provided with protective tempered glass lamp shield
- Mini-can screw base socket with corrosion resistant, high temperature rated contacts
- Specular clear Alzak® upper reflector
- Lower cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **Q8-150-MQ**

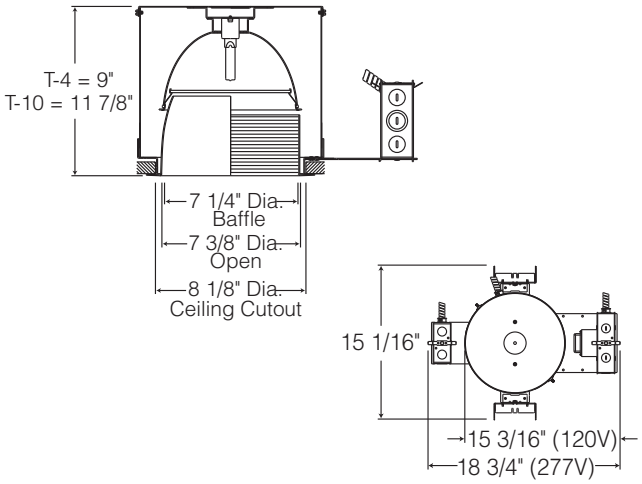
Catalog No.	Description	Options
Q8-150	150W T4 Frosted Tungsten Halogen, 120 Volt Input	**F**-Fuse and Fuse Holder
Q8-150-277[1]	150W T4 Frosted Tungsten Halogen, 277 Volt Input	**MQ**-Medium base Socket for T10 Lamp
Q8-250	250W T4 Frosted Tungsten Halogen, 120 Volt Input	
Q8-250-2773[1]	250W T4 Frosted Tungsten Halogen, 277 Volt Input	

[1]Magnetic transformer

Lensed Trim
Ordering Example: **Q800B-B-WH**

	Series		Color	Finish	Options
	Q800LC	Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat	**Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange **MAX###**-Labeled for maximum wattage (where ### = wattage)
	Q800B	Baffle	**PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	Blank for Baffle & White	

Dimensions[3]



[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
SCA8-*	Sloped Ceiling Adapter *Angle must be specified when ordered; available in 5°, 10°, 15°, 20°, 25°, 30°. Example: SCA8-20.

Incandescent | P6
6" PAR38 Spread Lens Wall Wash

Description
Provides uniform illumination of vertical surface without scallops.

Features
- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Cone has self-flange trim of same finish. Painted white flange is optional
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **P6AW-P38-CP**

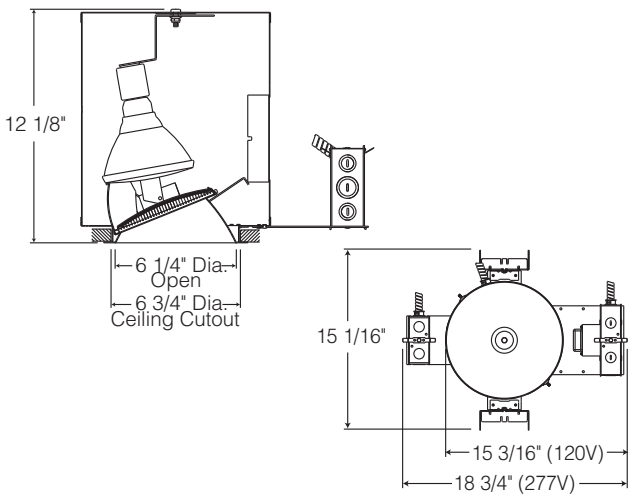
Catalog No.	Description	Options
P6AW-P38	45-150W PAR38, 120 Volt Input	**F**-Fuse and Fuse Holder
P6AW-P38-277[1]	45-150W PAR38, 277 Volt Input	**CP**-Chicago Plenum[2]

[1]Magnetic transformer
[2]Consult factory for availability.

Lensed Trim
Ordering Example: **P6WL-P38-CL**

Series		Color	Finish	Options
P6WL-P38	Spread Lens Wall Wash w/Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White	**WH**-White flange

Dimensions[3]



[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

Incandescent | P8
8" PAR38 Spread Lens Wall Wash

Description
Provides uniform illumination of vertical surface without scallops.

Features
- Borosilicate spread lens provides high quality optical control
- Entire optical system is capable of 358° rotation
- Cone has self-flange trim of same finish. Painted white flange is optional
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **P8AW-P38-347**

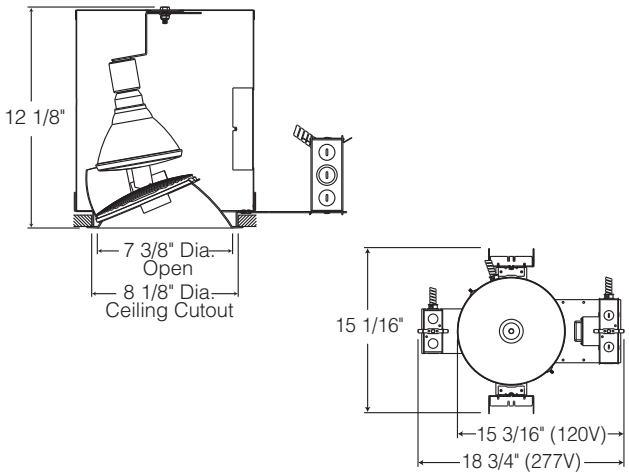
Catalog No.	Description	Options
P8AW-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	**F**-Fuse and Fuse Holder
P8AW-P38-277[1]	45-150W or Q150W PAR38, 277 Volt Input	**CP**-Chicago Plenum[2]

[1]Magnetic transformer
[2]Consult factory for availability.

Lensed Trim
Ordering Example: **P8WL-P38-CL-WH**

Series	Color	Finish	Options
P8WL-P38 Spread Lens Wall Wash w/Lower Cone	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White	**WH**-White flange

Dimensions[3]



[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

Incandescent | P4A
4" PAR16/20 Internally Adjustable, Low Glare

Description
PAR adjustables with angle cones provide low glare accent and task lighting.

Features
- Up to 40° tilt and 355° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **P4A-P20-F**

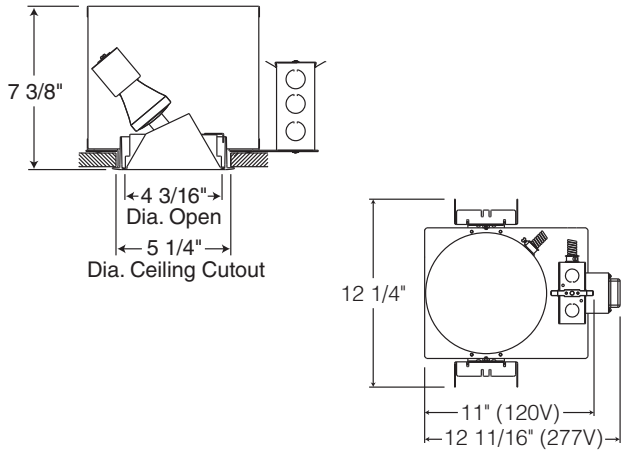
Catalog No.	Description	Options
P4A-P20	40-75W PAR16; 50-75W PAR20; 120 Volt Input	**F**-Fuse and Fuse Holder
P4A-P20-277[1]	40-75W PAR16; 50-75W PAR20; 277 Volt Input	**CP**-Chicago Plenum[2]

[1]Magnetic transformer
[2]Consult factory for availability.

Reflector
Ordering Example: **P400A-P20-CL-WH**

Series		Color	Finish	Options
P400A-P20	Angle Cut Cone for PAR16 or PAR20	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White Blank for Baffle, Pinhole, Slot	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Baffle, Pinhole, Slot Blank for White	**WH**-White flange **MAX###**- Labeled for maximum wattage (where ### = wattage)
P400AB-P20-B	Angle Cut Baffle for PAR16 or PAR20, Black			
P400AB-P20-W	Angle Cut Baffle for PAR16 or PAR20, White			
P400SLT-P20-W	Slotted Aperture for PAR16 or PAR20, White			
P400PIN-P20-W	Pinhole Aperture for PAR16 or PAR20, White			

Dimensions[3]



[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

Incandescent | P5A
5" PAR38 Internally Adjustable

Description
PAR adjustables with angle cones provide low glare accent and task lighting.

Features
- Up to 45° tilt and 358° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **P5A-P38-F**

Catalog No.	Description	Options
P5A-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	**F**-Fuse and Fuse Holder
P5A-P38-277[1]	45-150W or Q150W PAR38, 277 Volt Input	**CP**-Chicago Plenum[2]
P5A-P38-2773[1]	Q250W PAR38, 277 Volt Input	

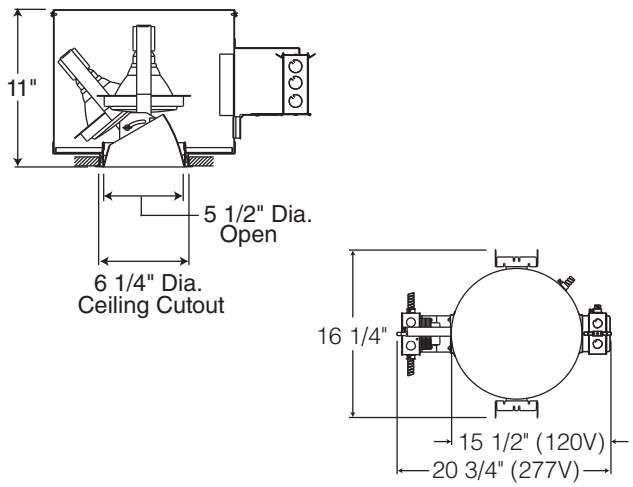
[1]Magnetic transformer

[2]Consult factory for availability.

Reflector
Ordering Example: **P500A-P38-CL-WH**

Series		Color	Finish	Options
P500A-P38	Angle Cut Cone for PAR38	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White	**WH**-White flange **MAX###**- Labeled for maximum wattage (where ### = wattage)

Dimensions[3]



[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

Incandescent | P6A
6" Square PAR38 Internaly Adjustable

Description
PAR adjustables with square trims provide attractive rectilinear accent and task lighting.

Features
- Up to 35° tilt and 355° rotation
- Rotation and aiming locks
- Square trim offered in choice of white or black
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **P6ASQ-P38-F**

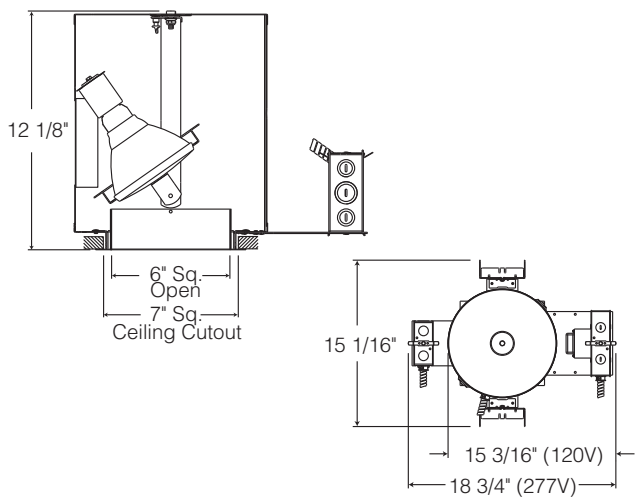
Catalog No.	Description	Options
P6ASQ-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	**F**-Fuse and Fuse Holder
P6ASQ-P38-277[1]	45-150W or Q150W PAR38, 277 Volt Input	**CP**-Chicago Plenum[2]
P6ASQ-P38-2773[1]	Q250W PAR38, 277 Volt Input	

[1]Magnetic transformer
[2]Consult factory for availability.

Trim
Ordering Example: **PSQ600-P38-W-MAX150**

Series		Options
PSQ600-P38-W	Square Trim, White	**WH**-White flange
PSQ600-P38-B	Square Trim, Black	**MAX###**- Labeled for maximum wattage (where ### = wattage)

Dimensions[3]



[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

Incandescent | P6A
6" PAR16/20/30 Internally Adjustable

Description
PAR adjustables provide easy adjustment accent and task lighting.

Features
- Up to 35° tilt and 355° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **P6A-P30-F**

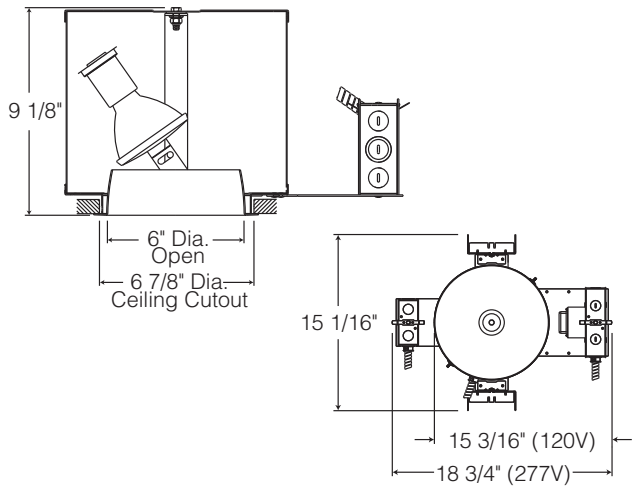
Catalog No.	Description	Options
P6A-P30	40-75W PAR16; 50W PAR20; 50-75W PAR30; 120 Volt Input	**F**-Fuse and Fuse Holder
P6A-P30-277[1]	40-75W PAR16; 50W PAR20; 50-75W PAR30; 277 Volt Input	**CP**-Chicago Plenum[2]

[1]Magnetic transformer
[2]Consult factory for availability.

Reflector
Ordering Example: **P600SB-P38-B-MAX50**

	Series		Color	Finish	Options
	P600SC-P30	Straight Cut Cone for PAR16, PAR20, PAR30	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Baffle & White	**WH**-White flange **MAX###**- Labeled for maximum wattage (where ### = wattage)
	P600A-P38	Angle Cut Cone for PAR16, PAR20, PAR30			
	P600SB-P38	Straight Baffle for PAR16, PAR20, PAR30			

Dimensions[3]



[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

Incandescent | P6A
6" PAR38 Internally Adjustable

Description
PAR adjustables with straight cones provide easy adjustment accent and task lighting.

Features
- Up to 35° tilt and 355° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **P6A-P38-CP**

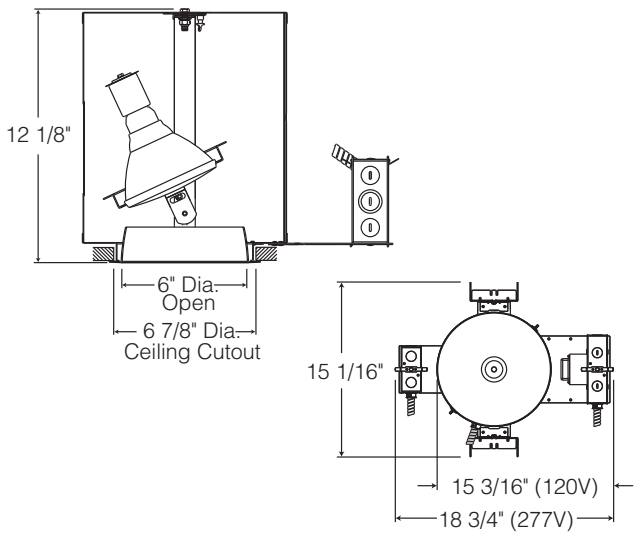
Catalog No.	Description	Options
P6A-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	**F**-Fuse and Fuse Holder
P6A-P38-277[1]	45-150W or Q150W PAR38, 277 Volt Input	**CP**-Chicago Plenum[2]
P6A-P38-2773[1]	Q250W PAR38, 277 Volt Input	

[1]Magnetic transformer
[2]Consult factory for availability.

Reflector
Ordering Example: **P600SB-P38-B-WH**

	Series		Color	Finish	Options
	P600SC-P38	Straight Cut Cone for PAR38	**C**-Clear **G**-Gold **WT**-Wheat	**Alzak® Finishes:** **L**-Specular **S**-Satin	**WH**-White flange **MAX###**- Labeled for maximum wattage (where ### = wattage)
	P600A-P38	Angle Cut Cone for PAR38	**PT**-Pewter **BZ**-Bronze **B**-Black	Blank for Baffle & White	
	P600SB-P38	Straight Baffle for PAR38	**W**-White		

Dimensions[3]



[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

Incandescent | P8A
8" PAR38 Internally Adjustable, Low Glare

Description
PAR adjustables with angle cones provide low glare accent and task lighting.

Features
- Up to 45° tilt and 358° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **P8A-P38-F**

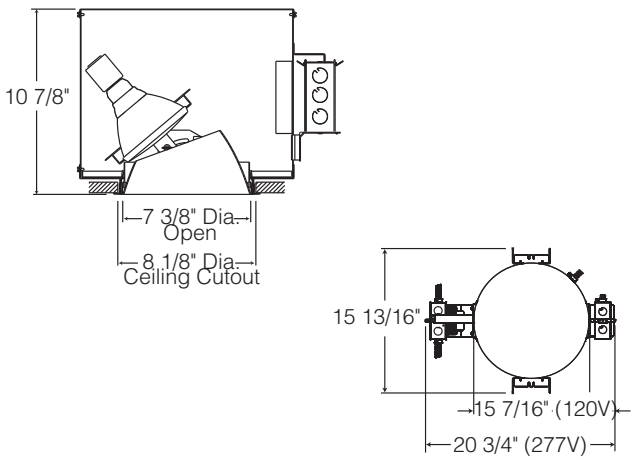
Catalog No.	Description	Option
P8A-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	**F**-Fuse and Fuse Holder
P8A-P38-277[1]	45-150W or Q150W PAR38, 277 Volt Input	**CP**-Chicago Plenum[2]
P8A-P38-2773[1]	Q250W PAR38, 277 Volt Input	

[1]Magnetic transformer
[2]Consult factory for availability.

Reflector
Ordering Example: **P800A-P38-CL-WH**

Series		Color	Finish	Options
P800A-P38	Angle Cut Cone for PAR38	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White	**WH**-White flange **MAX###-** Labeled for maximum wattage (where ### = wattage)

Dimensions[3]



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Incandescent | P8RA
8" PAR38 Internally Adjustable, Easy Adjustment

Description
PAR adjustables provide easy adjustment accent and task lighting.

Features
- Up to 35° tilt and 355° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Lamp collar provides easy adjustment by hand
- Baffles have painted white flange
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **P8RA-P38-F**

Catalog No.	Description	Options
P8RA-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	**F**-Fuse and Fuse Holder
P8RA-P38-277[1]	45-150W or Q150W PAR38, 277 Volt Input	**CP**-Chicago Plenum[2]
P8RA-P38-2773[1]	Q250W PAR38, 277 Volt Input	

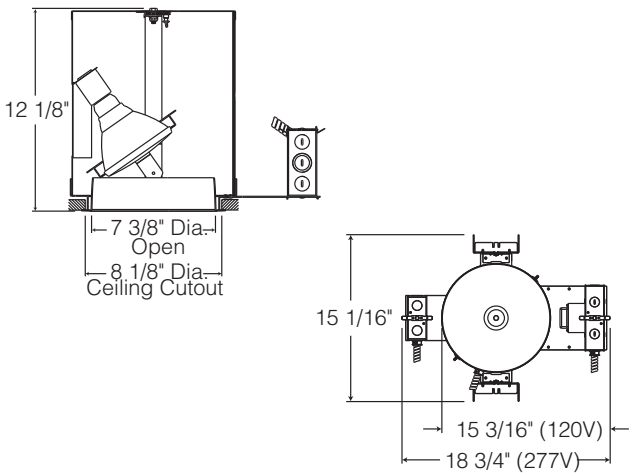
[1]Magnetic transformer

[2]Consult factory for availability.

Reflector
Ordering Example: **P800SB-P38-B-WH**

	Series		Color	Finish	Options
	P800SC-P38	Straight Cut Cone for PAR38	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Baffle & White	**WH**-White flange **MAX###**- Labeled for maximum wattage (where ### = wattage)
	P800AC-P38	Angle Cut Cone for PAR38			
	P800SB-P38	Straight Baffle for PAR38			

Dimensions[3]



[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

Incandescent | **P9A**
9" PAR38 Internally Adjustable

Description
PAR adjustables with angle cones provide low glare accent and task lighting.

Features
- Up to 35° tilt and 358° rotation
- Rotation and aiming locks
- Cone has self-flange trim of same finish. Painted white flange is optional
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **P9A-P38-F**

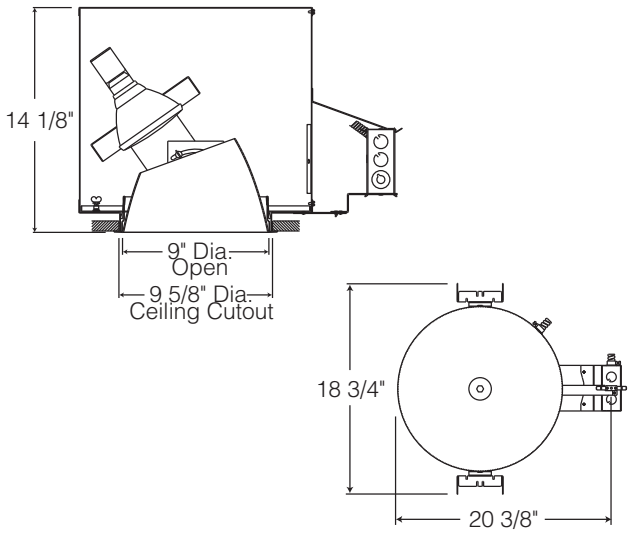
Catalog No.	Description	Options
P9A-P38	Q250W PAR38, 120 Volt Input	**F**-Fuse and Fuse Holder **CP**-Chicago Plenum[1]

[1]Consult factory for availability.

Reflector
Ordering Example: **P900A-P38-CL-MAX150**

Series		Color	Finish	Options
P900A-P38	Angle Cut Cone for PAR38	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for White	**WH**-White flange **MAX###**- Labeled for maximum wattage (where ### = wattage)

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair

Incandescent | **L4V**
4" MR16 Low Voltage Downlight, No Glare

Description
Deeply recessed MR16 lamp minimizes glare, while providing punch and excellent color rendering.

Features
- Deeply regressed lamp provides inconspicuous aperture
- Cone has self-flanged trim of same finish. Painted white flange is optional
- Clear tempered glass lamp guard provided for low voltage lamp
- Ceramic bi-pin socket with aluminum heat shield
- Class 'H' insulated magnetic transformer
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In
Ordering Example: **LV4-MR16-CP**

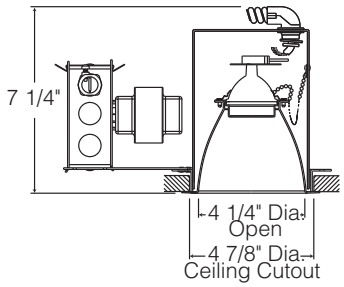
Catalog No.	Description	Options
LV4-MR16	12V Lamp: 50-75W MR16. 120V Input	**F**-Fuse and Fuse Holder
LV4-MR16-277	12V Lamp: 50-75W MR16. 277V Input	**CP**-Chicago Plenum[1]
		20W-20-Watt Transformer

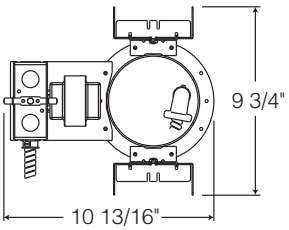
[1]Consult factory for availability.

Reflector
Ordering Example: **LV400-CL-WH**

Series		Color	Finish	Options
LV400	Straight Cut Cone	**C**-Clear	**Alzak® Finishes:**	**WH**-White flange
		G-Gold	**L**-Specular	**MAX###**- Labeled for maximum wattage
		WT-Wheat	**S**-Satin	(where ### = wattage)
		PT-Pewter	Blank for White	
		BZ-Bronze		
		B-Black		
		W-White		

Dimensions





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

Incandescent | **LV4A**
4" MR16 Low Volatge Internally Adjustable

Description
MR16 adjustables with angle cones provide sparkle to the subject while maintaining a quiet ceiling.

Features
- Up to 45° tilt and 355° rotation
- Cone has self-flanged trim of same finish. Painted white flange is optional
- Baffles have painted white flange
- Clear tempered glass lamp guard provided for low voltage lamp
- Ceramic bi-pin socket with aluminum heat shield
- Class 'H' insulated magnetic transformer
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness, consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Rough-In Ordering Example: **LV4A-MR16-20W**

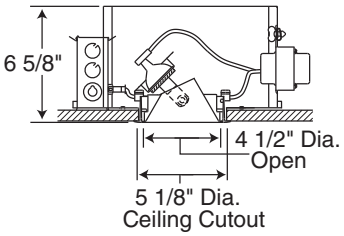
Catalog No.	Description	Options
LV4A-MR16[1]	12V Lamp: 50-75W MR16. 120V Input	**F**-Fuse and Fuse Holder
LV4A-MR16-277[1]	12V Lamp: 50-75W MR16. 277V Input	**CP**-Chicago Plenum[2]
		20W-20-Watt Transformer

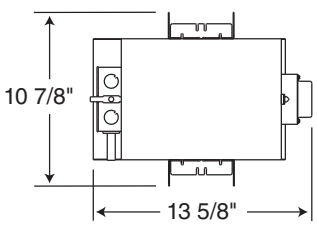
[1]65W max when used with Pinhole aperture.
[2]Consult factory for availability.

Reflector Ordering Example: **LV400AB-B**

	Series		Color	Finish	Options
	LV400A	Angle Cut Cone	**C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White Blank for Baffle, Pinhole, Slot	**Alzak® Finishes:** **L**-Specular **S**-Satin Blank for Baffle, Pinhole, Slot Blank for White	**WH**-White flange **MAX###**- Labeled for maximum wattage (where ### = wattage)
	LV400AB-B **LV400AB-W**	Angle Cut Baffle, Black Angle Cut Baffle, White			
	LV400SLT-W	Slotted Aperture, White			
	LV400PIN-W	Pinhole Aperture, White (65W max)			

Dimensions





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
HCL16	Hexcell Louver
1061-R	Red Color Filter
1061-LB	Light Blue Color Filter
1061-MB	Medium Blue Color Filter
1061-A	Amber Color Filter
1061-G	Green Color Filter
1061-PGL	Prismatic Gloss Lens
1061-LSL	Linear Spread Lens

Adjustable Accent | **M6PD**
6" PAR20 Metal Halide Pull Down Adjustable

Description
Pull down adjustable fixtures feature maximum aiming flexibility for accent and display lighting with high efficiency metal halide.

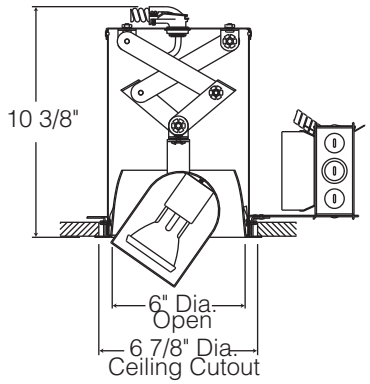
Features
- Up to 90° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

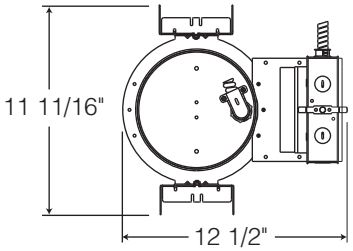
Ordering Information
Ordering Example: **M6PD-P20-39E-120F**

Catalog No.	Description	Options
M6PD-P20-39E	39W PAR20 MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt[2]
M6PD-P20-39M[1]	39W PAR20 MH Lamp, 120/277V Magnetic Ballast	**CP**-Chicago Plenum[2]
		***F**-Fuse and Fuse Holder (where *** = voltage)
		FCAN-FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)

[1]Core and Coil Style; FCAN optional.
[2]Consult factory for availability.

Dimensions[3]





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
932	Louver and Holder

[3]Dimensions represent electronic ballast units. For magnetic, refer to www.junolightinggroup.com.

Adjustable Accent | **M6SR**
6" PAR20 Metal Halide Semi-Recessed Adjustable

Description
Semi-recessed adjustable fixtures provide high efficiency accent lighting with energy efficient metal halide.

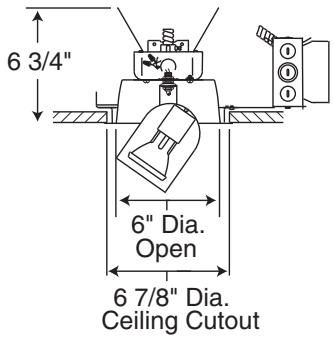
Features
- Up to 45° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

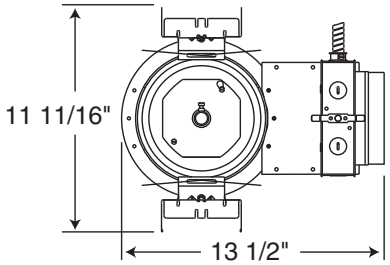
Ordering Information
Ordering Example: **M6SR-P20-39E-120F**

Catalog No.	Description	Options
M6SR-P20-39E	39W PAR20 MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt[2]
M6SR-P20-39M[1]	39W PAR20 MH Lamp, 120/277V Magnetic Ballast	**CP**-Chicago Plenum[2]
		***F**-Fuse and Fuse Holder (where *** = voltage)
		FCAN-FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)

[1]Core and Coil Style; FCAN optional.
[2]Consult factory for availability.

Dimensions[3]





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
932	Louver and Holder

[3]Dimensions represent electronic ballast units. For magnetic, refer to www.junolightinggroup.com.

Adjustable Accent | **M8PD**
8" PAR30 Metal Halide Pull Down Adjustable

Features
- Up to 90° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

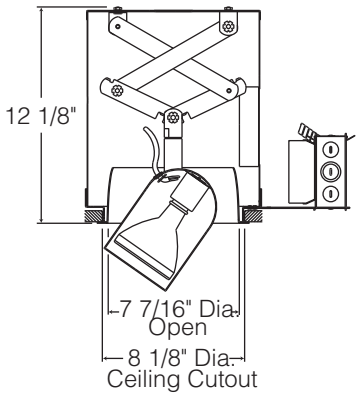
Description
Pull down adjustable fixtures feature maximum aiming flexibility for accent and display lighting with high efficiency metal halide.

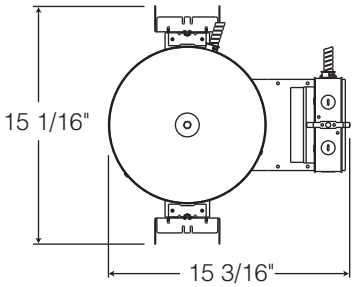
Ordering Information
Ordering Example: **M8PD-P30-39E-120F**

Catalog No.	Description	Options
M8PD-P30-39E	39W PAR30 MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt[2]
M8PD-P30-70E	70W PAR30 MH Lamp, 120/277V Electronic Ballast	**CP**-Chicago Plenum[2]
		***F**-Fuse and Fuse Holder
M8PD-P30-39M[1]	39W PAR30 MH Lamp, 120/277V Magnetic Ballast	(where *** = voltage)
M8PD-P30-70M[1]	70W PAR30 MH Lamp, 120/277V Magnetic Ballast	**FCAN**-FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)

[1]Core and Coil Style; FCAN optional.
[2]Consult factory for availability.

Dimensions[3]





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
931	Louver and Holder

[3]Dimensions represent electronic ballast units. For magnetic, refer to www.junolightinggroup.com.

Adjustable Accent | **M8SR**
8" PAR30 CMH Semi-Recessed Adjustable

Description
Semi-recessed adjustable fixtures provide high efficiency accent lighting with energy efficient metal halide.

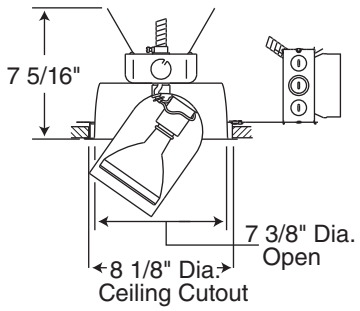
Features
- Up to 45° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

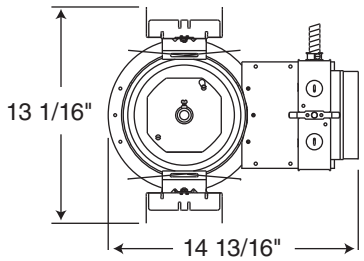
Ordering Information
Ordering Example: **M8SR-P30-39E-120F**

Catalog No.	Description	Options
M8SR-P30-39E	39W PAR30 MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt[2]
M8SR-P30-70E	70W PAR30 MH Lamp, 120/277V Electronic Ballast	**CP**-Chicago Plenum[2]
		***F**-Fuse and Fuse Holder
M8SR-P30-39M[1]	39W PAR30 MH Lamp, 120/277V Magnetic Ballast	(where *** = voltage)
M8SR-P30-70M[1]	70W PAR30 MH Lamp, 120/277V Magnetic Ballast	**FCAN**-FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)

[1]Core and Coil Style; FCAN optional.
[2]Consult factory for availability.

Dimensions[3]





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
931	Louver and Holder

[3]Dimensions represent electronic ballast units. For magnetic, refer to www.junolightinggroup.com.

Adjustable Accent | **M8PD**
8" PAR38 CMH Pull Down Adjustable

Description
Pull down adjustable fixtures feature maximum aiming flexibility for accent and display lighting with high efficiency metal halide.

Features
- Up to 90° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information
Ordering Example: **M8PD-P38-70E-120F**

Catalog No.	Description	Options
M8PD-P38-70E	70W PAR38 MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt[3]
M8PD-P38-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	**CP**-Chicago Plenum[3]
M8PD-P38-150E120 Ⓔ	150W PAR38 MH Lamp, 120V Electronic Ballast	***F**-Fuse and Fuse Holder
M8PD-P38-150E277 Ⓔ	150W PAR38 MH Lamp, 277V Electronic Ballast	(where *** = voltage)
		FCAN-FCAN Ballast in lieu of core and coil
M8PD-P38-70M[1,2]	70W PAR38 MH Lamp, 120/277V Magnetic Ballast	(Includes HB-TL bar hangers)
M8PD-P38-100M[1,2]	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	
M8PD-P38-150M[1,2,†]	150W PAR38 MH Lamp, 120/277V Magnetic Ballast	

[1]Core and Coil Style; FCAN optional.

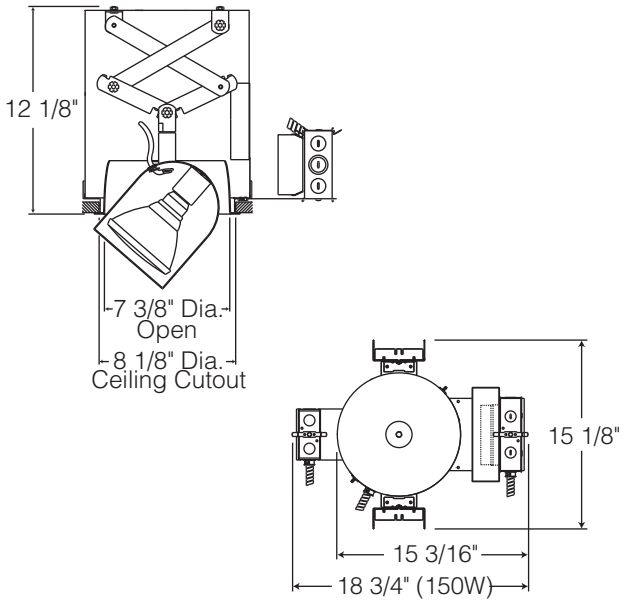
[2]Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.

[3]Consult factory for availability.

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

[†]Not for use in the United States.

Dimensions[4]



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
816	Louver and Holder

[4]Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.

Adjustable Accent | **M8SR**
8" PAR38 CMH Semi-Recessed Adjustable

Description
Semi-recessed adjustable fixtures provide high efficiency accent lighting with energy efficient metal halide.

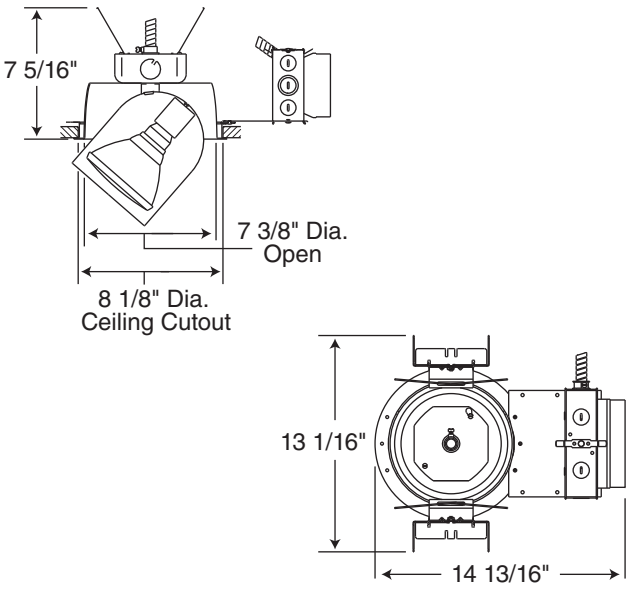
Features
- Up to 45° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Ordering Information
Ordering Example: **M8SR-P38-70E-120F**

Catalog No.	Description	Options
M8SR-P38-70E	70W PAR38 MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt[3]
M8SR-P38-100E	100W PAR38 MH Lamp, 120/277V Electronic Ballast	**CP**-Chicago Plenum[3]
M8SR-P38-150E120 Ⓔ	150W PAR38 MH Lamp, 120V Electronic Ballast	***F**-Fuse and Fuse Holder
M8SR-P38-150E277 Ⓔ	150W PAR38 MH Lamp, 277V Electronic Ballast	(where *** = voltage)
		FCAN-FCAN Ballast in lieu of core and coil
M8SR-P38-70M[1,2]	70W PAR38 MH Lamp, 120/277V Magnetic Ballast	(Includes HB-TL bar hangers)
M8SR-P38-100M[1,2]	100W PAR38 MH Lamp, 120/277V Magnetic Ballast	
M8SR-P38-150M[1,2,†]	150W PAR38 MH Lamp, 120/277V Magnetic Ballast	

[1]Core and Coil Style; FCAN optional.
[2]Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.
[3]Consult factory for availability.
Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.
[†]Not for use in the United States.

Dimensions[4]



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
816	Louver and Holder

[4]Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.

Adjustable Accent | **M8PD**
8" ED17 CMH Pull Down Adjustable

Description
Pull down adjustable ED17 fixtures feature precise beam control for accent and display lighting.

Features
- Up to 90° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty 4kV porcelain socket (extended husk for protected lamp) with nickel-plated brass screw shell
- High power factor ballast
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- Clear glass lens provided for non-protected lamp
- UL/C-UL Listed for feed through and damp locations

Ordering Information Ordering Example: **M8PD-ED-70E-120F**

Catalog No.	Description	Options
M8PD-ED-70E	70W ED17 Clear Protected MH Lamp, 120/277V Electronic Ballast	**347**-347 Volt[3]
M8PD-ED-100E	100W ED17 Clear Protected MH Lamp, 120/277V Electronic Ballast	**CP**-Chicago Plenum[3]
M8PD-ED-150E120 Ⓔ	150W ED17 Clear Protected MH Lamp, 120V Electronic Ballast	***F**-Fuse and Fuse Holder (where *** = voltage)
M8PD-ED-150E277 Ⓔ	150W ED17 Clear Protected MH Lamp, 277V Electronic Ballast	**FCAN**-FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)
M8PD-ED-70M[1,2]	70W ED17 Clear Protected MH Lamp, 120/277V Magnetic Ballast	**FL**-Flood Reflector
M8PD-ED-100M[1,2]	100W ED17 Clear Protected MH Lamp, 120/277V Magnetic Ballast	
M8PD-ED-150M[1,2,†]	150W ED17 Clear Protected MH Lamp, 120V/277V Magnetic Ballast	
M8PD-EDS-70E	70W ED17 Clear Non-Protected MH Lamp, Lensed,120/277V Electronic Ballast	
M8PD-EDS-100E	100W ED17 Clear Non-Protected MH Lamp, Lensed, 120/277V Electronic Ballast	
M8PD-EDS-150E120 Ⓔ	150W ED17 Clear Non-Protected MH Lamp, Lensed, 120V Electronic Ballast	
M8PD-EDS-150E277 Ⓔ	150W ED17 Clear Non-Protected MH Lamp, Lensed, 277V Electronic Ballast	
M8PD-EDS-70M[1,2]	70W ED17 Clear Non-Protected MH Lamp, Lensed, 120/277V Magnetic Ballast	
M8PD-EDS-100M[1,2]	100W ED17 Clear Non-Protected MH Lamp, Lensed, 120/277V Magnetic Ballast	
M8PD-EDS-150M[1,2,†]	150W ED17 Clear Non-Protected MH Lamp, Lensed, 120/277V Magnetic Ballast	

[1]Core and Coil Style; FCAN optional.

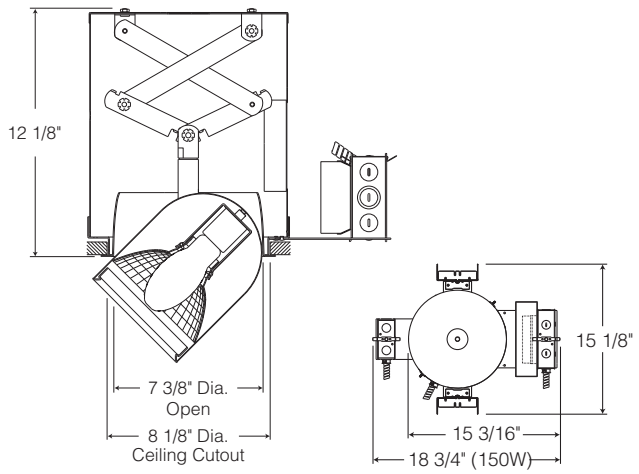
[2]Frame mounted with HB-TL 25" Tru-Lock grid ceiling bar hangers included.

[3]Consult factory for availability.

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

[†]Not for use in the United States.

Dimensions[4]



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
LSP	Linear Spread Lens

[4]Dimensions represent electronic ballast units 100W and below. For others, refer to www.junolightinggroup.com.

Adjustable Accent | **P6PD**
6" PAR16/20 Incandescent Pull Down Adjustable

Description
Pull down adjustable fixtures feature maximum aiming flexibility for accent and display lighting with "instant on" of incandescent.

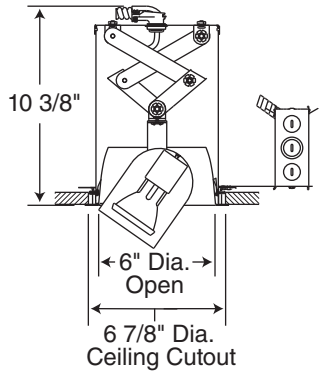
Features
- Up to 90° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

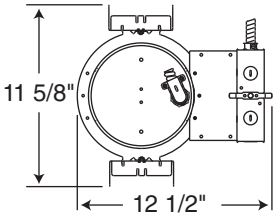
Ordering Information
Ordering Example: **P6PD-P20-F**

Catalog No.	Description	Options
P6PD-P20	40-75W PAR16; 50W PAR20; 120 Volt Input	**CP**-Chicago Plenum[2]
P6PD-P20-277[1]	40-75W PAR16; 50W PAR20; 277 Volt Input	**F**-Fuse and Fuse Holder

[1]Magnetic transformer
[2]Consult factory for availability.

Dimensions[3]





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
932	Louver and Holder

[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Adjustable Accent | **P6SR**
6" PAR16/20 Incandescent Semi-Recessed Adjustable

Description
Semi-recessed adjustable fixtures provide high efficiency accent lighting with "instant on" of incandescent.

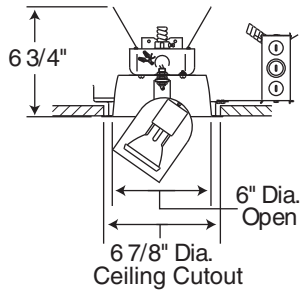
Features
- Up to 45° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

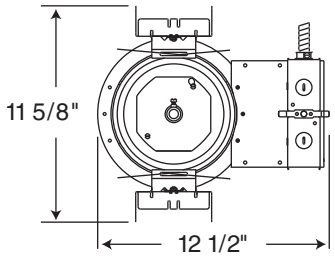
Ordering Information
Ordering Example: **P6SR-P20-F**

Catalog No.	Description	Options
P6SR-P20	40-75W PAR16; 50W PAR20; 120 Volt Input	**CP**-Chicago Plenum[2]
P6SR-P20-277[1]	40-75W PAR16; 50W PAR20; 277 Volt Input	**F**-Fuse and Fuse Holder

[1]Magnetic transformer
[2]Consult factory for availability.

Dimensions[3]





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
932	Louver and Holder

[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Adjustable Accent | P6PD
6" PAR30 Incandescent Pull Down Adjustable

Description
Pull down adjustable fixtures feature maximum aiming flexibility for accent and display lighting with "instant on" of incandescent.

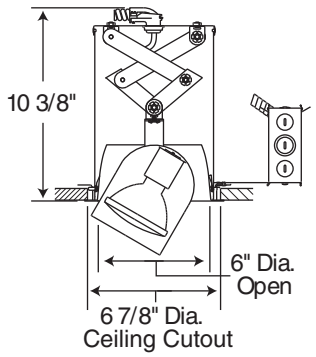
Features
- Up to 90° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

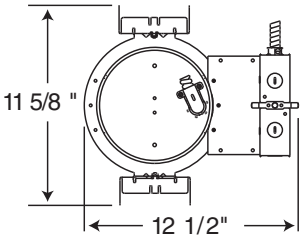
Ordering Information
Ordering Example: **P6PD-P30-F**

Catalog No.	Description	Options
P6PD-P30	50-75W PAR30, 120 Volt Input	**CP**-Chicago Plenum[2]
P6PD-P30-277[1]	50-75W PAR30, 277 Volt Input	**F**-Fuse and Fuse Holder

[1]Magnetic transformer
[2]Consult factory for availability.

Dimensions[3]





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
931	Louver and Holder

[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Adjustable Accent | P6SR
6" PAR30 Incandescent Semi-Recessed Adjustable

Description
Semi-recessed adjustable fixtures provide high efficiency accent lighting with "instant on" of incandescent.

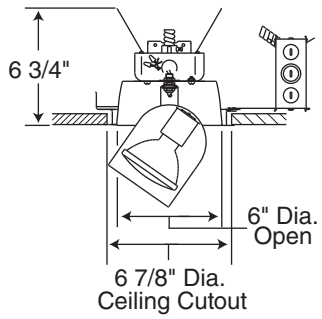
Features
- Up to 45° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

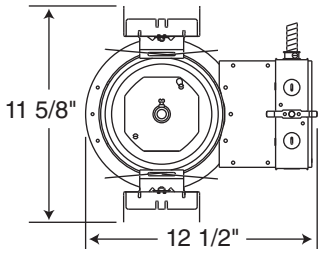
Ordering Information
Ordering Example: **P6SR-P30-F**

Catalog No.	Description	Options
P6SR-P30	50-75W PAR30, 120 Volt Input	**CP**-Chicago Plenum[2]
P6SR-P30-277[1]	50-75W PAR30, 277 Volt Input	**F**-Fuse and Fuse Holder

[1]Magnetic transformer
[2]Consult factory for availability.

Dimensions[3]





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
931	Louver and Holder

[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Adjustable Accent | P8PD
8" PAR38 Incandescent Pull Down Adjustable

Description
Pull down adjustable fixtures feature maximum aiming flexibility for accent and display lighting with "instant on" of incandescent.

Features
- Up to 90° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

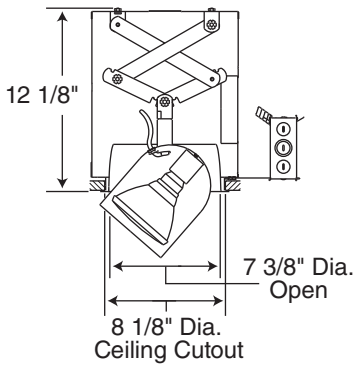
Ordering Information
Ordering Example: **P8PD-P38-F**

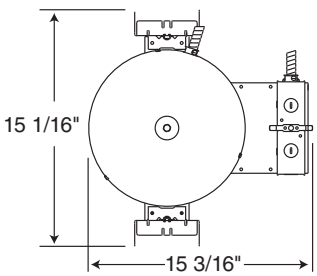
Catalog No.	Description	Options
P8PD-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	**CP**-Chicago Plenum[2]
P8PD-P38-277[1]	45-150W or Q150W PAR38, 277 Volt Input	**F**-Fuse and Fuse Holder
P8PD-P38-2773[1]	Q250W PAR38, 277 Volt Input	

[1]Magnetic transformer

[2]Consult factory for availability.

Dimensions[3]





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
816	Louver and Holder

[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Adjustable Accent | P8SR
8" PAR38 Incandescent Semi-Recessed Adjustable

Description
Semi-recessed adjustable fixtures provide high efficiency accent lighting with "instant on" of incandescent.

Features
- Up to 45° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

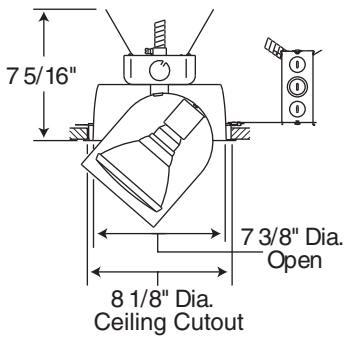
Ordering Information
Ordering Example: **P8SR-P38-F**

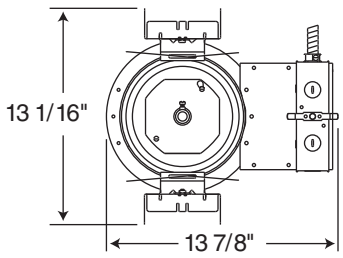
Catalog No.	Description	Options
P8SR-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	**CP**-Chicago Plenum[2]
P8SR-P38-277[1]	45-150W or Q150W PAR38, 277 Volt Input	**F**-Fuse and Fuse Holder
P8SR-P38-2773[1]	Q250W PAR38, 277 Volt Input	

[1]Magnetic transformer

[2]Consult factory for availability.

Dimensions[3]





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
816	Louver and Holder

[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Adjustable Accent | P8FA
8" PAR38 Incandescent Flush Adjustable

Description
Flush adjustable fixtures feature maximum aiming flexibility for accent and display lighting with "instant on" of incandescent.

Features
- Up to 90° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

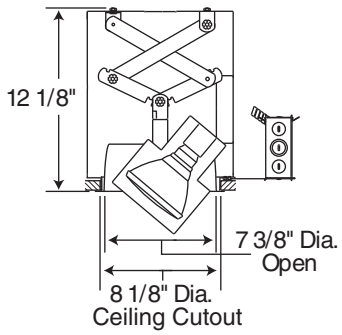
Ordering Information
Ordering Example: **P8FA-P38-F**

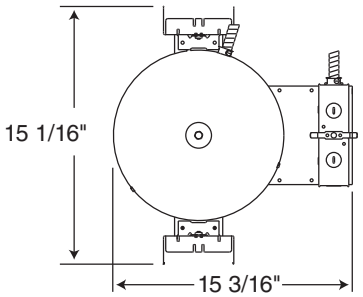
Catalog No.	Description	Options
P8FA-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	**CP**-Chicago Plenum[2]
P8FA-P38-277[1]	45-150W or Q150W PAR38, 277 Volt Input	**F**-Fuse and Fuse Holder
P8FA-P38-2773[1]	Q250W PAR38, 277 Volt Input	

[1]Magnetic transformer

[2]Consult factory for availability.

Dimensions[3]





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
816	Louver and Holder

[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Adjustable Accent | P9PD
9" PAR38 Incandescent Pull Down Adjustable

Description
Pull down adjustable fixtures feature maximum aiming flexibility for accent and display lighting with "instant on" of incandescent.

Features
- Up to 90° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

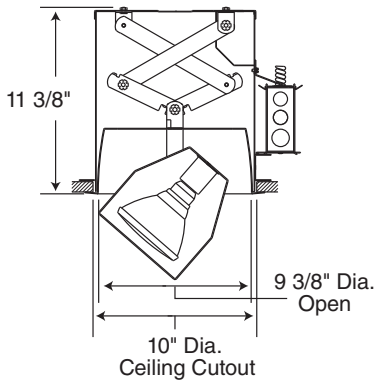
Ordering Information Ordering Example: **P9PD-P38-F**

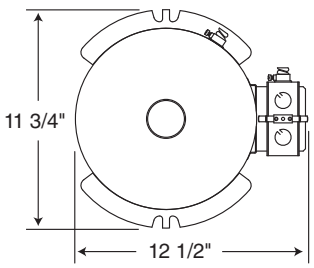
Catalog No.	Description	Options
P9PD-P38	45-150W or Q150-Q250W PAR38, 120 Volt Input	**CP**-Chicago Plenum[2]
P9PD-P38-277[1]	45-150W or Q150W PAR38, 277 Volt Input	**F**-Fuse and Fuse Holder
P9PD-P38-2773[1]	Q250W PAR38, 277 Volt Input	

[1]Magnetic transformer

[2]Consult factory for availability.

Dimensions[3]





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
817	Louver and Holder

[3]Dimensions represent 120V unit. For others, refer to www.junolightinggroup.com.

Adjustable Accent | **LV6PD**
6" MR16 Low Voltage Pull Down Adjustable

Description
Pull down adjustable MR16 fixtures provide sparkle and maximum aiming flexibility for accent and display lighting.

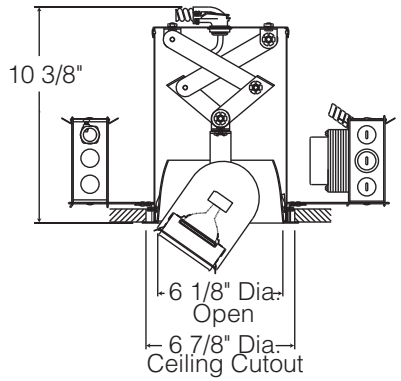
Features
- Up to 90° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Mini bi-pin quartz lampholder with 450° C leads
- Class "H" insulated magnetic transformer
- Provided with protective tempered glass lamp shield
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

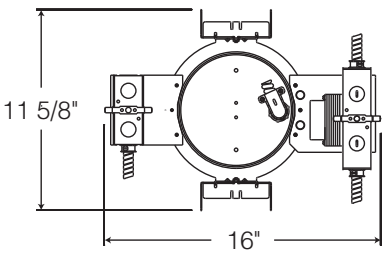
Ordering Information
Ordering Example: **LV6PD-MR16-F**

Catalog No.	Description	Options
LV6PD-MR16	12V Lamp: 50-75W MR16. 120V Input	**CP**-Chicago Plenum[1]
LV6PD-MR16-277	12V Lamp: 50-75W MR16. 277V Input	**F**-Fuse and Fuse Holder

[1]Consult factory for availability.

Dimensions





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
937	Louver and Holder

Adjustable Accent | **LV6SR**
6" MR16 Low Voltage Semi-Recessed Adjustable

Description
Semi-recessed adjustable fixtures provide high efficiency accent lighting with brilliance of MR16.

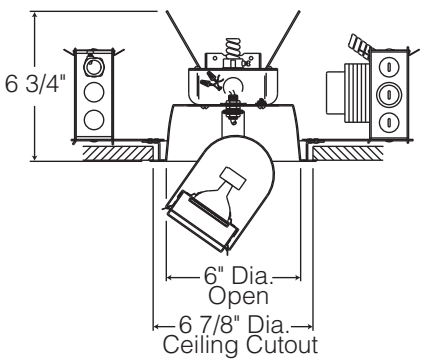
Features
- Up to 45° tilt and 355° rotation
- Exterior of lamp housing and trim ring are white
- Mini bi-pin quartz lampholder with 450° C leads
- Class "H" insulated magnetic transformer
- Provided with protective tempered glass lamp shield
- Oversized junction box for ease of wiring
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

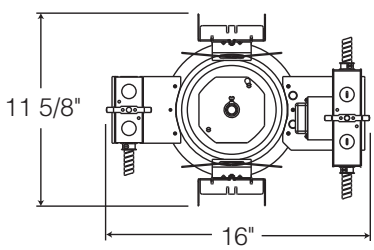
Ordering Information
Ordering Example: **LV6SR-MR16-F**

Catalog No.	Description	Options
LV6SR-MR16	12V Lamp: 50-75W MR16. 120V Input	**CP**-Chicago Plenum[1]
LV6SR-MR16-277	12V Lamp: 50-75W MR16. 277V Input	**F**-Fuse and Fuse Holder

[1]Consult factory for availability.

Dimensions





Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
937	Louver and Holder

indy™

LED | **9" LED** Downlight Cylinder
1100/1300/2000 Lumen Light Engine

Description
Environmentally friendly and energy efficient. No harmful ultraviolet or infrared wavelengths. No lead or mercury. Comparable light output to 26W, 32W and 42W CFL while consuming 18W, 21W and 31W respectively.

Features
Cone Self-flanged, clear Alzak® (CS) satin cone with low iridescent finish is standard • Other Alzak® and painted finishes are available; see trim options

Electrical LED Light Engine: Innovative light engine utilizes remote phosphor lens and mixing chamber to ensure perfectly mixed light, resulting in uniform colors and superior color consistency from fixture to fixture • 2700K, 3000K, 3500K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Dimmable via 0-10V protocol – See specification sheet for qualified dimmers

Housing One piece heavy gauge steel with white or black baked textured powder coat finish

Mounting Available for surface, pendant or wall mounting • Pendant mounting features hang straight pendant mounting kits that allows for mounting onto sloped ceiling with an angle up to 45˚ • Hinged reveal allows single person installation

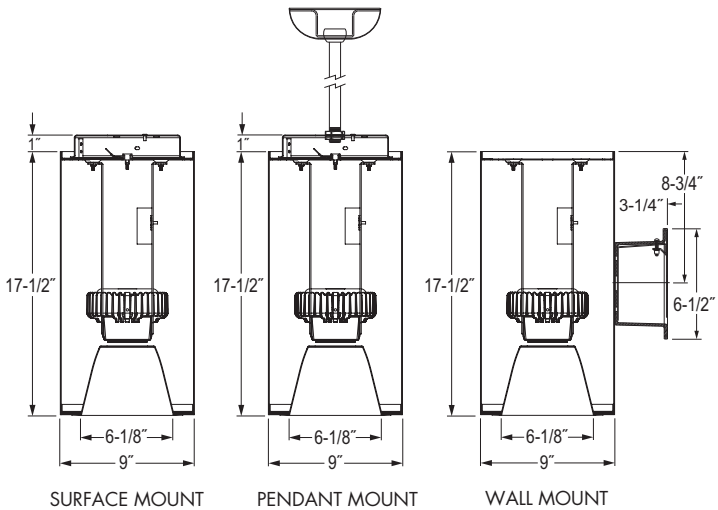
Labels and Listings UL Listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant • EMI complies with FCC 47, Part 15, Class A

Ordering Information Example: **9-LED-1135W-CL3**

Model	Light Engine Lumens	Color Temperature	Housing Color	Trim Options		Generation	Options
9-LED	11	35	W	CL		3	
9-LED Surface Mount **9P-LED** Pendant Mount **9B-LED** Wall Mount	**11**-1100 Lumens (18 watts) **13**-1300 Lumens (21 watts) **20**-2000 Lumens (31 watts)	**27**-2700K **30**-3000K **35**-3500K **40**-4100K	**W**-White **B**-Black	**Color** **C**-Clear **G**-Gold **WT**-Wheat **PT**-Pewter **BZ**-Bronze **B**-Black **W**-White	**Finish** **Low Iridescent** **Alzak® Finishes:** **L**-Specular (clear only) **S**-Satin (clear only) Blank for White	3	**WH**-White Flange **WS**-Single Wall Wash **347**[1]-347 Volt **BR**-120/277 Emergency Battery Pack with Remote Test Switch (Battery Pack mounted remotely)

[1]Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
P18-W	18″ Hang Straight Pendant Mounting Kit, White
P18-B	18″ Hang Straight Pendant Mounting Kit, Black
P24-W	24″ Hang Straight Pendant Mounting Kit, White
P24-B	24″ Hang Straight Pendant Mounting Kit, Black
P36-W	36″ Hang Straight Pendant Mounting Kit, White
P36-B	36″ Hang Straight Pendant Mounting Kit, Black
DM	For dimming, add -DM to pendant kit Example: P36-W-DM

indy™

LED | **9" Enhanced Spectrum LED** Downlight Cylinder
1800 Lumen Light Engine

Description
Enhanced spectrum LED downlights are ideal for bringing out the vibrant colors of fresh food products and brightly colored apparel. Environmentally friendly; no harmful ultraviolet, infrared wavelengths, lead or mercury resulting in food staying fresh longer and will not fade materials.

Features
Cone Self-flanged, clear Alzak® (SASF) cone • Alzak® cone with low iridescent finish is standard • Other Alzak finishes are available; see trim options.

Lamp Guard Clear glass lens.

Electrical LED Light Engine: Innovative light engine mixes the light of blue and red LEDs while applying a specially formulated phosphor on a remote lens to generate a high red, green and blue saturation index, resulting in high-quality LED light with enhanced red, green and blue wavelengths relative to typical LED, fluorescent and HID sources • 3000K or 4100K color temperatures available • LED Driver: Universal driver accommodates input voltages from 120 to 277 volts AC at 60Hz • Also available with 347V transformer

Housing One piece heavy gauge steel with white or black baked textured powder coat finish

Mounting Available for surface, pendant or wall mounting • Pendant mounting features hang straight pendant mounting kits that allows for mounting on to sloped ceiling with an angle up to 45° • Hinged reveal allows single person installation

Labels and Listings UL listed for feed through and damp locations • I.B.E.W. Union made • UL and cUL, RoHS compliant

Ordering Information Example: **9-ESLED-1840W-PTL1-PF**

Model	Light Engine Lumens	Color Temperature	Voltage	Housing Color	Trim Options	Generation	Options
9-ESLED	18	40	1	W	SASF	1	PF

9-ESLED Surface Mount
9P-ESLED Pendant Mount
9B-ESLED Wall Mount

18-1800 Lumens

30-3000K
40-4100K

1-120V
2-277V
3-347V

W-White
B-Black

Alzak® Finish Options

	Satin	Specular
Clear	CS	CL
Champagne Gold	GS	GL
Black	BS	BL
Pewter	PTS	PTL
Wheat	WTS	WTL
Bronze	BZS	BZL

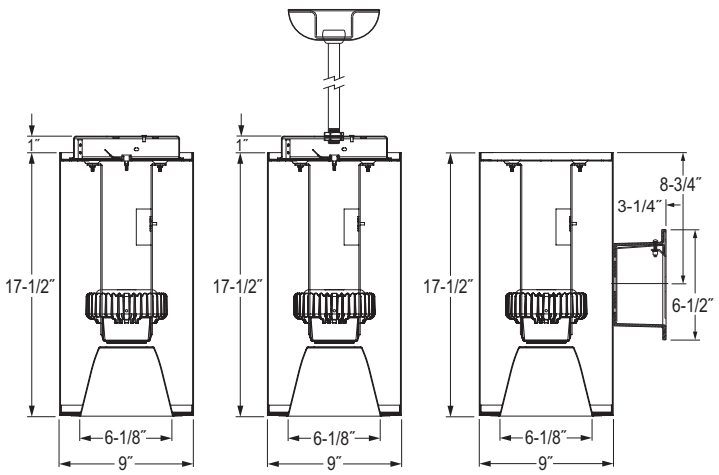
Painted Finish Options

White Cone	W

1

PF-Painted Flange Only (white)
WS-Single Wall Wash

Dimensions



Accessories

Catalog No.	Description
P18-W	18″ Hang Straight Pendant Mounting Kit, White
P18-B	18″ Hang Straight Pendant Mounting Kit, Black
P24-W	24″ Hang Straight Pendant Mounting Kit, White
P24-B	24″ Hang Straight Pendant Mounting Kit, Black
P36-W	36″ Hang Straight Pendant Mounting Kit, White
P36-B	36″ Hang Straight Pendant Mounting Kit, Black

Description
Ideal for medium to high ceiling applications. Cylinders can be pendant, surface or wall mounted.

Features
Upper Reflector Diffused, faceted Alzak® reflector • Faceted reflector construction accommodates variations in lamp manufacturing tolerances without loss of efficiency or control

Lower Cone Clear Alzak® (SAC) deep cone • Other Alzak® and painted finishes are available; see options

Electrical 250-watt, 120 volt standard • Lamp holder: mini-can screw base socket with corrosion-resistant, high temperature type contacts

Mechanical One piece heavy gauge steel with white baked textured powder coat finish • Other finishes available; consult factory

Mounting For pendant mounting hang straight mounting kit facilitates ceiling with slope of up to 45° • Surface mounted units feature hinged reveal providing for single person installation

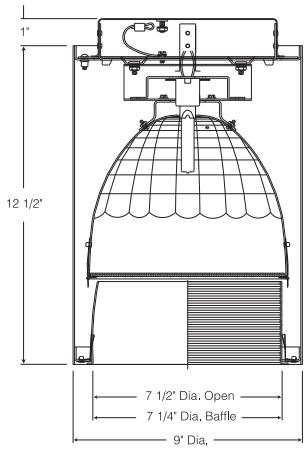
Lamp Shown with 250W, T-4 frosted tungsten-Halogen (by others) • Protective heat tempered borosilicate glass lamp shield

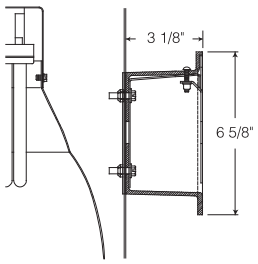
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **216PN-SAC-P18**

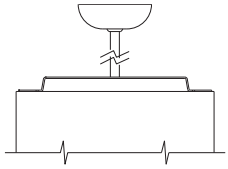
Model	Mounting	Beam Spread	Trim Options	Options
216	P	N	SAC	P18
216	**S**-Surface **P**-Pendant **B**-Wall Mounting	**N**-Narrow **M**-Medium **W**-Wide	**Alzak® Satin Finish Options** **SACS**-Clear **CGCS**-Champagne Gold **BACS**-Black **PACS**-Pewter **WTCS**-Wheat **BRCS**-Bronze **Alzak® Clear Finish Options** **SAC**-Clear **CGC**-Champagne Gold **BAC**-Black **PAC**-Pewter **WTC**-Wheat **BRC**-Bronze **Painted Finish Options** **WHC**-White **BKB**-Black Baffle **WHB**-White Baffle	**P18**-18" Hang Straight Pendant Mounting Kit (45° Ceiling slope maximum) **P24**-24" Hang Straight Pendant Mounting Kit (45° Ceiling slope maximum) **P36**-36" Hang Straight Pendant Mounting Kit (45° Ceiling slope maximum) **F**-Fuse and Fuse Holder **150**-150-Watt Lamp Option **BK**-Black Housing

Dimensions





WALL MOUNTING BRACKET



PENDANT MOUNTING
18" Hang straight pendant mounting kit with 45° max. ceiling slope standard.

Description
Ideal for high ceiling applications. Cylinders can be pendant, surface or wall mounted.

Features
Upper Reflector Diffused, faceted Alzak® reflector • Faceted reflector construction accommodates variations in lamp manufacturing tolerances without loss of efficiency or control

Lower Cone Clear Alzak® (SAC) deep cone • Other Alzak® and painted finishes are available; see options

Electrical 400-500-watt, 120 volt standard • Lamp holder: mini-can screw base socket with corrosion-resistant, high temperature type contacts

Mechanical Radial machined aluminum heat sink lowers overall fixture temperature for longer lamp life • One piece heavy gauge steel with white baked textured powder coat finish • Other finishes available; consult factory

Mounting For pendant mounting hang straight mounting kit facilitates ceiling with slope of up to 45° • Surface mounted units feature hinged reveal providing for single person installation

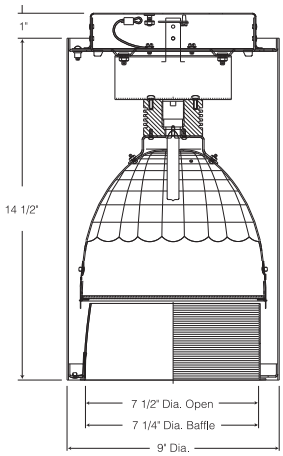
Lamp Shown with 500W, T-4 frosted tungsten-Halogen (by others) • Protective heat tempered borosilicate glass lamp shield

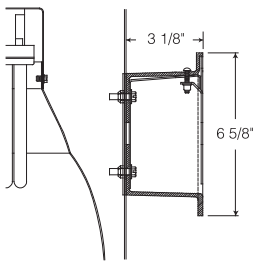
Labels and Listings UL/C-UL Listed for feed through and damp locations • I.B.E.W. Union made

Ordering Information Example: **217PN-SAC-BK-P81**

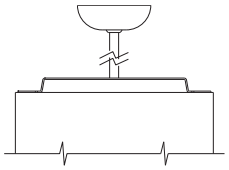
Model	Mounting	Beam Spread	Trim Options	Options
217	P	N	SAC	BK-P18
217	**S**-Surface **P**-Pendant **B**-Wall Mounting	**N**-Narrow **M**-Medium **W**-Wide	**Alzak® Satin Finish Options** **SACS**-Clear **CGCS**-Champagne Gold **BACS**-Black **PACS**-Pewter **WTCS**-Wheat **BRCS**-Bronze **Alzak® Clear Finish Options** **SAC**-Clear **CGC**-Champagne Gold **BAC**-Black **PAC**-Pewter **WTC**-Wheat **BRC**-Bronze **Painted Finish Options** **WHC**-White **BKB**-Black Baffle **WHB**-White Baffle	**P18**-18" Hang Straight Pendant Mounting Kit (45° Ceiling slope maximum) **P24**-24" Hang Straight Pendant Mounting Kit (45° Ceiling slope maximum) **P36**-36" Hang Straight Pendant Mounting Kit (45° Ceiling slope maximum) **F**-Fuse and Fuse Holder **BK**-Black Housing

Dimensions





WALL MOUNTING BRACKET



PENDANT MOUNTING
18" Hang straight pendant mounting kit with 45° max. ceiling slope standard.

Cylinders | 9" ED17 Vertical CMH
Open Downlight

Description
High lumen output source is ideal for areas with high ceilings.

Features
- Low iridescent finishes eliminate "rainbowing"
- Medium base heavy duty 4kV extended husk porcelain socket with nickel-plated brass screw shell
- Magnetic high power factor ballast, core and coil style with Class H insulation and 120/277 volt input
- Cylinder exterior is heavy gauge steel with white or black finish; consult factory for other colors
- Hinged reveal allows single person installation
- UL/C-UL Listed for damp locations

Ordering Information Ordering Example: **9-ED50MW-CL-120F**

Series	Description	Reflector Color/Finish	Options
9-ED50EW[1,2,3]	50W ED17 Coated Protected MH Lamp, 120/277V Electronic Ballast	**CL**-Clear Alzak® Specular **CS**-Clear Alzak® Satin	***F**-Fuse and Fuse Holder (where ***= voltage)
9-ED70EW[1,2,3]	70W ED17 Coated Protected MH Lamp, 120/277V Electronic Ballast	**GL**-Gold Alzak® Specular **GS**-Gold Alzak® Satin	**Q**-Quartz restrike with hot start auxiliary control
9-ED100EW[1,2,3]	100W ED17 Coated Protected MH Lamp, 120/277V Electronic Ballast	**BB**-Black Baffle	
9-ED150EW[1,2,3] Ⓔ	150W ED17 Coated Protected MH Lamp 120/277V Electronic Ballast		
9-ED50MW[1,2,3]	50W ED17 Coated Protected MH Lamp		
9-ED70MW[1,2,3]	70W ED17 Coated Protected MH Lamp		
9-ED100MW[1,2,3]	100W ED17 Coated Protected MH Lamp		
9-ED150MW[1,2,3,†]	150W ED17 Coated Protected MH Lamp		

[1]Surface Mount series indicated.

[2]For pendant mount, change 9 to 9P in series; for wall mount, change 9 to 9B in series.

[3]For black finish, change "W" in Catalog Number to "B".

ⒺIndicates that the product meets DOE energy efficient standards - EISA compliant.

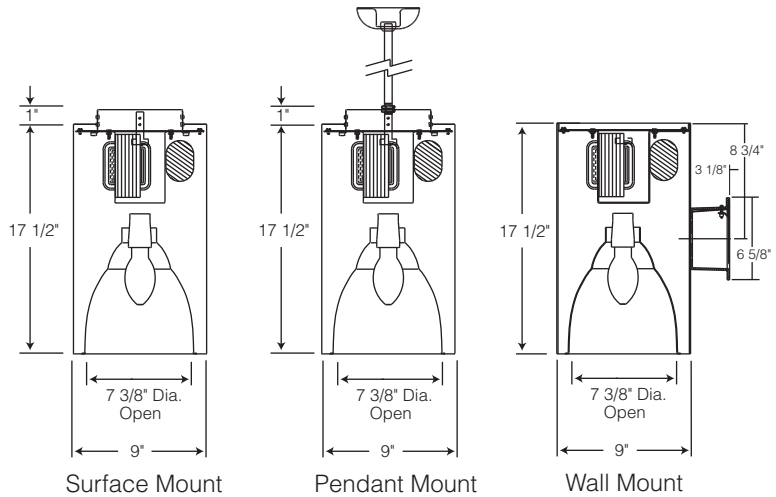
[†]Not for use in the United States.

Accessories

Catalog No.	Description
P18-W[3]	18" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P24-W[3]	24" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P36-W[3]	36" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish

[3]For black finish, change "W" in Catalog Number to "B."

Dimensions



Cylinders | 9" ED17 Vertical CMH
Lamp Shielding Provided

Description
Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features
- Tempered clear glass lamp shield provided
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Magnetic high power factor ballast, core and coil style with Class H insulation and 120/277 volt input
- Cylinder exterior is heavy gauge steel with white or black finish; consult factory for other colors
- Hinged reveal allows single person installation
- UL/C-UL Listed for damp locations

Ordering Information Ordering Example: **9-EDS50MW-CL-CG-120F**

Series	Description	Cone Color/Finish	Lens Type	Options
9-EDS50EW[1, 2, 3]	50W ED17 Coated Non-Protected MH Lamp, 120/277V Electronic Ballast	**CL**-Clear Alzak® Specular **CS**-Clear Alzak® Satin **GL**-Gold Alzak® Specular **GS**-Gold Alzak® Satin **BB**-Black Baffle	**CG**-Clear Glass	**3**-347 Volt *****F**-Fuse and Fuse Holder (where *** = voltage) **Q**-Quartz restrike with hot start auxiliary control
9-EDS70EW[1, 2, 3]	70W ED17 Coated Non-Protected MH Lamp, 120/277V Electronic Ballast			
9-EDS100EW[1, 2, 3]	100W ED17 Coated Non-Protected MH Lamp, 120/277V Electronic Ballast			
9-EDS150EW[1, 2, 3] Ⓔ	150W ED17 Coated Non-Protected MH Lamp 120/277V Electronic Ballast			
9-EDS50MW[1, 2, 3]	50W ED17 Coated Non-Protected MH Lamp			
9-EDS70MW[1, 2, 3]	70W ED17 Coated Non-Protected MH Lamp			
9-EDS100MW[1, 2, 3]	100W ED17 Coated Non-Protected MH Lamp			
9-EDS150MW[1, 2, 3, †]	150W ED17 Coated Non-Protected MH Lamp			

[1]Surface Mount series indicated.

[2]For pendant mount, change 9 to 9P in series; for wall mount, change 9 to 9B in series.

[3]For black finish, change "W" in Catalog Number to "B".

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

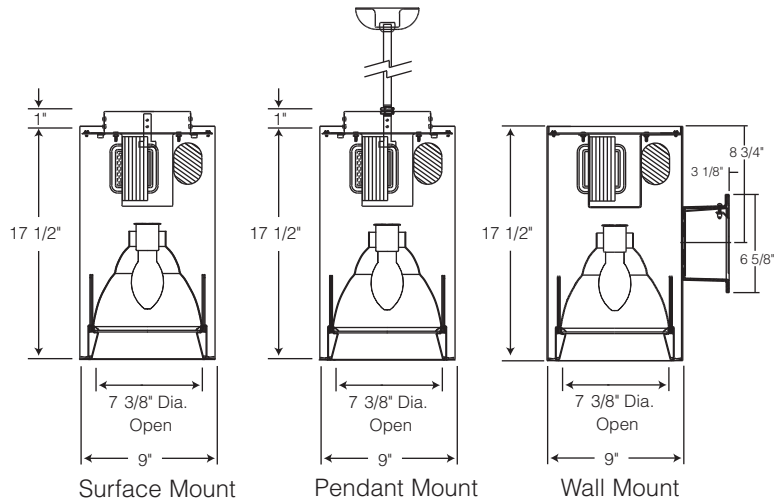
[†]Not for use in the United States.

Accessories

Catalog No.	Description
P18-W[3]	18" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P24-W[3]	24" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P36-W[3]	36" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish

[3]For black finish, change "W" in Catalog Number to "B."

Dimensions



Cylinders | 9" PAR38 Vertical CMH
Open Downlight, Adjustables, Spread Lens Wall Wash

Description
PAR downlights offer narrow beam distributions and very low brightness apertures.

Features
- Multiple optic options
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Magnetic high power factor ballast, core and coil style with Class H insulation and 120/277 volt input
- Cylinder exterior is heavy gauge steel with white or black finish; consult factory for other colors
- Hinged reveal allows single person installation
- UL/C-UL Listed for damp locations

Ordering Information Ordering Example: **9-P3870MW-BB-120F**

Series	Description	Reflector Color/Finish	Options
9-P3870EW[1, 2, 3]	70W PAR38 MH Lamp, 120/277V Electronic Ballast	**CL**-Clear Alzak® Specular **CS**-Clear Alzak® Satin	**3**-347 Volt *****F**-Fuse and Fuse Holder (where *** = voltage)
9-P38100EW[1, 2, 3]	100W PAR38 MH Lamp, 120/277V Electronic Ballast	**GL**-Gold Alzak® Specular **GS**-Gold Alzak® Satin	**PD**-Pull Down Adjustable
9-P38150EW[1, 2, 3] Ⓔ	150W PAR38 MH Lamp 120/277V Electronic Ballast	**BL**-Black Alzak® Specular **BS**-Black Alzak® Satin	**A**-Internally Adjustable **WL**-Spread Lens Wall Wash
9-P3870MW[1, 2, 3]	70W PAR38 MH Lamp	**BB**-Black Baffle	
9-P38100MW[1, 2, 3]	100W PAR38 MH Lamp	Blank when pull down adjustable option is chosen	
9-P38150MW[1, 2, 3, †]	150W PAR38 MH Lamp		

[1]Surface Mount series indicated.

[2]For pendant mount, change 9 to 9P in series; for wall mount, change 9 to 9B in series.

[3]For black finish, change "W" in Catalog Number to "B".

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

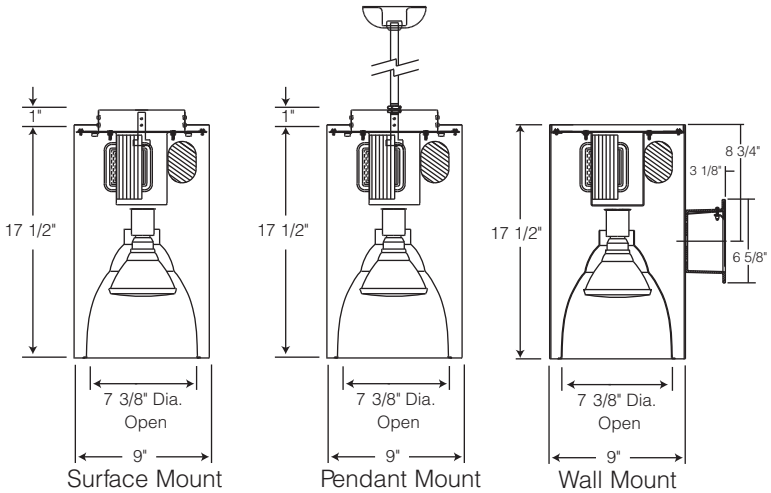
[†]Not for use in the United States.

Accessories

Catalog No.	Description
P18-W[3]	18" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P24-W[3]	24" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P36-W[3]	36" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish

[3]For black finish, change "W" in Catalog Number to "B."

Dimensions



Cylinders | 9" Vertical QL Lamp
Lenslite

Description
Ideal for areas where relamping is difficult or expensive.

Features
- 100,000 hour lamp life provided by induction source
- Lamp is powered by high frequency generator
- Lamp included with fixture, 3000K color temperature standard
- Cylinder exterior is heavy gauge steel with white or black finish; consult factory for other colors
- Hinged reveal allows single person installation
- UL/C-UL listed for damp locations

Ordering Information Ordering Example: **9-85QLW-1-W-FG-F**

Series	Description	Lower Cone Color/Finish	Lens Type	Options
9-85QLW-1[1,2]	85W QL (Lamp Included), 120V, Surface Mount	**CL**-Clear Alzak® Specular **CS**-Clear Alzak® Satin	**PG**-Prismatic Glass **FG**-Fresnel Glass	**F**-Fuse and Fuse Holder
9P-85QLW-1[1,2]	85W QL (Lamp Included), 120V, Pendant Mount	**GL**-Gold Alzak® Specular **GS**-Gold Alzak® Satin		**4K**-4000K Lamp **5K**-5000K Lamp
9B-85QLW-1[1,2]	85W QL (Lamp Included), 120V, Wall Mount	**BB**-Black Baffle **W**-White Painted **X**-Specular Clear Cross Baffle		

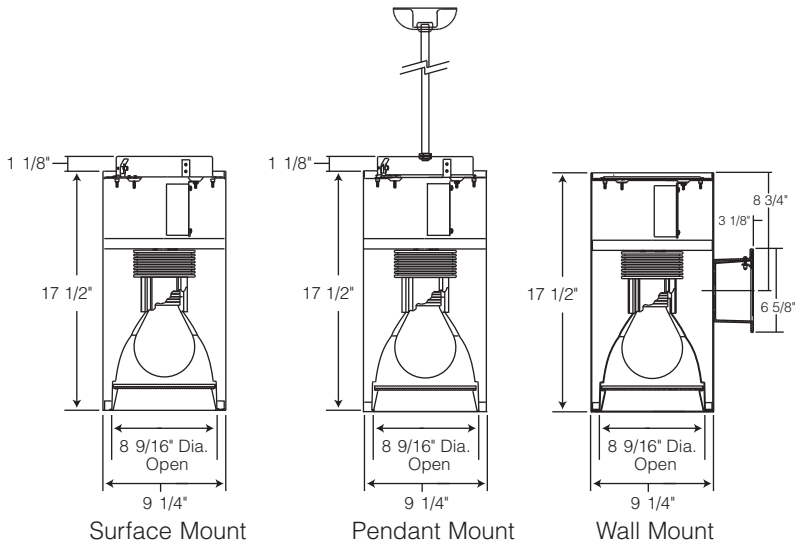
[1]For black finish, change "W" in Catalog Number to "B."
[2]For 277V, change "-1" to "-2"

Accessories

Catalog No.	Description
P18-W[1]	18" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P24-W[1]	24" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P36-W[1]	36" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish

[1]For black finish, change "W" in Catalog Number to "B."

Dimensions



Cylinders | 9" ED17 Horizontal Dura-Life CMH
Lenslite for 2 Lamps

Description
Patented 2-lamp operation provides longer time between lamp changes and faster restrike time. Operates one lamp at a time.

Features
- 2 Lamp Dura-Life design reduces lamp changes and decreases restrike time, operates one lamp at a time
- Specular clear Alzak® upper reflector
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Magnetic high power factor ballast, core and coil style with Class H insulation and 120/277 volt input
- Cylinder exterior is heavy gauge steel with white or black finish; consult factory for other colors
- Hinged reveal allows single person installation
- UL/C-UL Listed for damp locations

Ordering Information Ordering Example: **9H2-EDS50MW-W-PG-120F**

Series	Description	Color/Finish	Lower Cone Lens Type	Options
9H2-EDS50EW[1,2,3]	2x50W ED17 Coated Non-Protected MH Lamp, 120/277V Electronic Ballast	**CL**-Clear Alzak® Specular **CS**-Clear Alzak® Satin **GL**-Gold Alzak® Specular **GS**-Gold Alzak® Satin **BB**-Black Baffle **W**-White Painted	**PG**-Prismatic Glass **FG**-Fresnel Glass	**3-**347 Volt *****F**-Fuse and Fuse Holder (where *** = voltage)
9H2-EDS70EW[1,2,3]	2x70W ED17 Coated Non-Protected MH Lamp, 120/277V Electronic Ballast			
9H2-EDS100EW[1,2,3]	2x100W ED17 Coated Non-Protected MH Lamp, 120/277V Electronic Ballast			
9H2-EDS150EW[1,2,3] Ⓔ	2x150W ED17 Coated Non-Protected MH Lamp 120/277V Electronic Ballast			
9H2-EDS50MW[1,2,3]	2x50W ED17 Coated Non-Protected MH Lamp			
9H2-EDS70MW[1,2,3]	2x70W ED17 Coated Non-Protected MH Lamp			
9H2-EDS100MW[1,2,3]	2x100W ED17 Coated Non-Protected MH Lamp			
9H2-EDS150MW[1,2,3,†]	2x150W ED17 Coated Non-Protected MH Lamp			

[1]Surface Mount series indicated.

[2]For pendant mount, change 9H to 9HP in series; for wall mount, change 9H to 9HB in series.

[3]For black finish, change "W" in Catalog Number to "B".

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

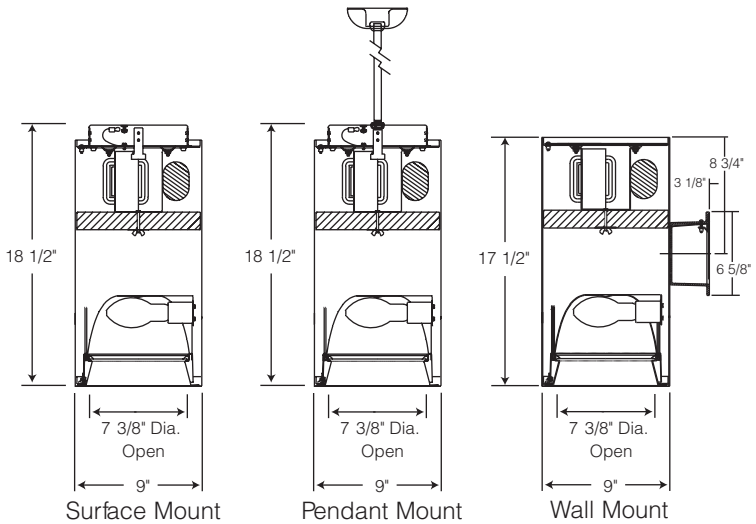
[†]Not for use in the United States.

Accessories

Catalog No.	Description
P18-W[3]	18" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P24-W[3]	24" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P36-W[3]	36" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish

[3]For black finish, change "W" in Catalog Number to "B."

Dimensions



Cylinders | 10" Open Horizontal Compact Fluorescent
Open Downlight

Description
Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with very good brightness control.

Features
- Low iridescent finishes eliminate "rainbowing"
- 120/277 universal voltage, HPF electronic ballast
- Cylinder exterior is heavy gauge aluminum with white or black finish; consult factory for other colors
- UL/C-UL Listed for damp locations

Ordering Information Ordering Example: **10H2-18QW-CL-F**

Series	Description	Reflector Color/Finish	Options
10H-18QW[1,2,3]	1x18W Quad, 4-Pin	**CL**-Clear Alzak® Specular	**3**-347 Volt
10H2-18QW[1,2,3]	2x18W Quad, 4-Pin	**CS**-Clear Alzak® Satin	***F**-Fuse and Fuse Holder
10H-26QW[1,2,3]	1x26W Quad, 4-Pin	**GL**-Gold Alzak® Specular	(where *** = voltage)
10H2-26QW[1,2,3]	2x26W Quad, 4-Pin	**GS**-Gold Alzak® Satin	
		PL -Pewter Alzak® Specular	
		BB-Black Baffle	

[1]Surface Mount series indicated.

[2]For pendant mount, change 10H to 10HP in series; for wall mount, change 10H to 10HB in series.

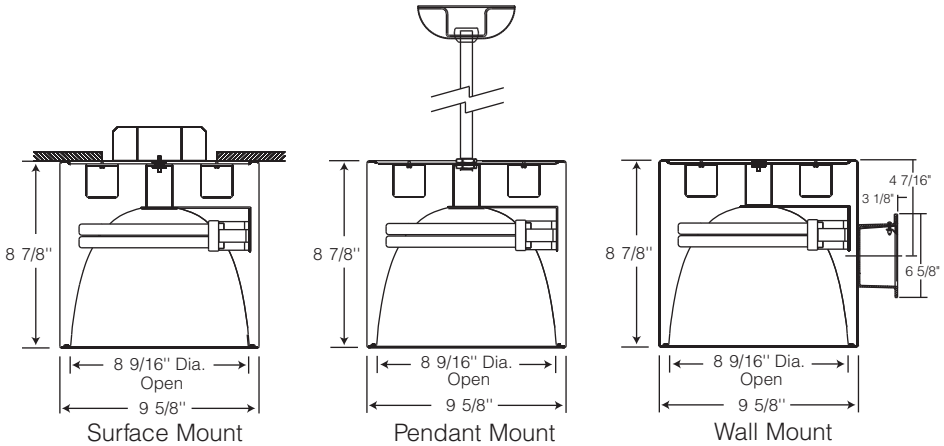
[3]For black finish, change "W" in Catalog Number to "B".

Accessories

Catalog No.	Description
P18-W[3]	18" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P24-W[3]	24" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P36-W[3]	36" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish

[3]For black finish, change "W" in Catalog Number to "B."

Dimensions



Cylinders | 12" ED17/28 Vertical CMH
Open Downlight, Wall Wash

Description
High lumen output source is ideal for areas with high ceilings.

Features
- Low iridescent finishes eliminate "rainbowing"
- Medium base (for 150W and below) or mogul base (for 175W and above) heavy duty 4kV extended husk porcelain socket with nickel-plated brass screw shell
- Magnetic high power factor ballast, core and coil style with Class H insulation and 120/277 volt input
- Cylinder exterior is heavy gauge steel with white or black finish; consult factory for other colors
- UL/C-UL Listed for damp locations

Ordering Information Ordering Example: **12-ED50MW-CL-120F**

Series	Description	Reflector Color/Finish	Options
12-ED50EW[1,2,3]	50W ED17 Coated Protected MH Lamp, 120/277V Electronic Ballast	**CL**-Clear Alzak® Specular **CS**-Clear Alzak® Satin **GL**-Gold Alzak® Specular **GS**-Gold Alzak® Satin **BB**-Black Baffle **WS**-Single Wall Wash (ED17 only)	**3**-347 Volt ***F**-Fuse and Fuse Holder (where *** = voltage) **Q**-Quartz restrike with hot start auxiliary control
12-ED70EW[1,2,3]	70W ED17 Coated Protected MH Lamp, 120/277V Electronic Ballast		
12-ED100EW[1,2,3]	100W ED17 Coated Protected MH Lamp, 120/277V Electronic Ballast		
12-ED150EW[1,2,3] Ⓔ	1500W ED17 Coated Protected MH Lamp, 120/277V Electronic Ballast		
12-ED70MW[1,2,3]	70W ED17 Coated Protected MH Lamp		
12-ED100MW[1,2,3]	100W ED17 Coated Protected MH Lamp		
12-ED150MW[1,2,3,†]	150W ED17 Coated Protected MH Lamp		
12-ED175MW[1,2,3] Ⓔ	175W BT/ED28 Coated Protected MH Lamp		
12-ED250MW[1,2,3,†] Ⓔ	250W BT/ED28 Coated Protected MH Lamp		

[1]Surface Mount series indicated.

[2]For pendant mount, change 12 to 12P in series; for wall mount, change 12 to 12B in series.

[3]For black finish, change "W" in Catalog Number to "B".

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

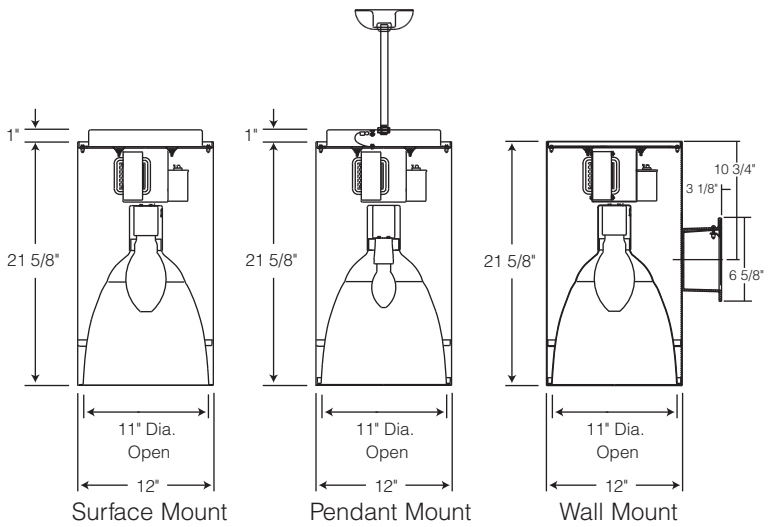
[†]Not for use in the United States.

Accessories

Catalog No.	Description
P18-W[3]	18" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P24-W[3]	24" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P36-W[3]	36" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish

[3]For black finish, change "W" in Catalog Number to "B."

Dimensions



Cylinders | 12" ED17/28 Vertical CMH
Lamp Shielding Provided

Description
Ideal for food preparation/service areas, canopies and other applications where diffuse illumination and/or a shielded light source are appropriate.

Features
- Tempered clear glass lamp shield provided
- Medium base (for 150W and below) or mogul base (for 175W and above) heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Magnetic high power factor ballast, core and coil style with Class H insulation and 120/277 volt input
- Cylinder exterior is heavy gauge steel with white or black finish; consult factory for other colors
- Hinged reveal allows single person installation
- UL/C-UL Listed for damp locations

Ordering Information Ordering Example: **12-EDS50MW-CL-CG-120F**

Series	Description	Reflector Color/ Finish	Lens Type	Options
12-EDS50EW[1,2,3]	50W ED17 Coated Non-Protected MH Lamp, 120/277V Electronic Ballast	**CL**-Clear Alzak® Specular **CS**-Clear Alzak® Satin **GL**-Gold Alzak® Specular **GS**-Gold Alzak® Satin **BB**-Black Baffle	**CG**-Clear Glass	**3**-347 Volt ***F**-Fuse and Fuse Holder (where *** = voltage) **Q**-Quartz restrike with hot start auxiliary control
12-EDS70EW[1,2,3]	70W ED17 Coated Non-Protected MH Lamp, 120/277V Electronic Ballast			
12-EDS100EW[1,2,3]	100W ED17 Coated Non-Protected MH Lamp, 120/277V Electronic Ballast			
12-EDS150EW[1,2,3] Ⓔ	150W ED17 Coated Non-Protected MH Lamp, 120/277V Electronic Ballast			
12-EDS50MW[1,2,3]	50W ED17 Coated Non-Protected MH Lamp			
12-EDS70MW[1,2,3]	70W ED17 Coated Non-Protected MH Lamp			
12-EDS100MW[1,2,3]	100W ED17 Coated Non-Protected MH Lamp			
12-EDS150MW[1,2,3,†]	150W ED17 Coated Non-Protected MH Lamp			
12-EDS175MW[1,2,3] Ⓔ	175W BT/ED28 Coated Non-Protected MH Lamp			
12-EDS250MW[1,2,3,†] Ⓔ	250W BT/ED28 Coated Non-Protected MH Lamp			

[1]Surface Mount series indicated.

[2]For pendant mount, change 12 to 12P in series; for wall mount, change 12 to 12B in series.

[3]For black finish, change "W" in Catalog Number to "B".

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

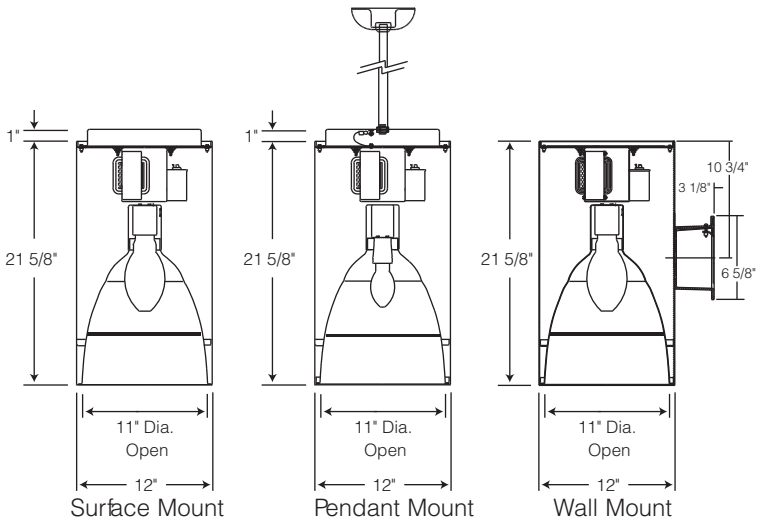
[†]Not for use in the United States.

Accessories

Catalog No.	Description
P18-W[3]	18" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P24-W[3]	24" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P36-W[3]	36" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish

[3]For black finish, change "W" in Catalog Number to "B."

Dimensions



Cylinders | 12" PAR38 Vertical CMH

Open Downlight, Adjustables, Spread Lens Wall Wash

Description

PAR downlights offer narrower beam distributions and very low brightness apertures.

Features

- Low iridescent finishes eliminate "rainbowing"
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Magnetic high power factor ballast, core and coil style with Class H insulation and 120/277 volt input
- Cylinder exterior is heavy gauge steel with white or black finish; consult factory for other colors
- Hinged reveal allows single person installation
- UL/C-UL Listed for damp locations

Ordering Information Ordering Example: **12-P3870MW-BB-120F**

Series	Description	Reflector Color/Finish	Options
12-P3870EW[1,2,3]	70W PAR38 MH Lamp, 120/277V Electronic Ballast	**CL**-Clear Alzak® Specular **CS**-Clear Alzak® Satin	**3**-347 Volt *****F**-Fuse and Fuse Holder
12-P38100EW[1,2,3]	100W PAR38 MH Lamp, 120/277V Electronic Ballast	**GL**-Gold Alzak® Specular **GS**-Gold Alzak® Satin	(where ***= voltage) **PD**-Pull Down Adjustable
12-P38150EW[1,2,3] Ⓔ	150W PAR38 MH Lamp, 120/277V Electronic Ballast	**BL**-Black Alzak® Specular **BS**-Black Alzak® Satin **BB**-Black Baffle	**A-**Internally Adjustable **WL**-Spread Lens Wall Wash
12-P3870MW[1,2,3]	70W PAR38 MH Lamp	Blank when pull down adjustable option is chosen	
12-P38100MW[1,2,3]	100W PAR38 MH Lamp		
12-P38150MW[1,2,3,†]	150W PAR38 MH Lamp		

[1]Surface Mount series indicated.

[2]For pendant mount, change 12 to 12P in series; for wall mount, change 12 to 12B in series.

[3]For black finish, change "W" in Catalog Number to "B".

Ⓔ Indicates that the product meets DOE energy efficient standards - EISA compliant.

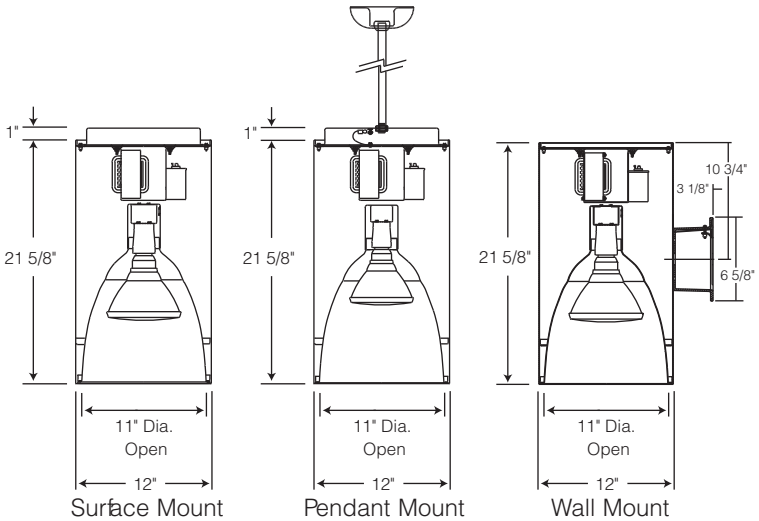
[†]Not for use in the United States.

Accessories

Catalog No.	Description
P18-W[3]	18" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P24-W[3]	24" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P36-W[3]	36" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish

[3]For black finish, change "W" in Catalog Number to "B."

Dimensions



Cylinders | 12" Vertical QL Lamp
Open Downlight

Description
Ideal for areas where relamping is difficult or expensive.

Features
- 100,000 hour lamp life provided by induction source
- Lamp is powered by high frequency generator
- Lamp included with fixture, 3000K color temperature standard
- Cylinder exterior is heavy gauge steel with white or black finish; consult factory for other colors
- UL/C-UL Listed for damp locations

Ordering Information Ordering Example: **12-165QLW-1-W-F**

Series	Description	Reflector Color/Finish	Options
12-165QLW-1[1]	165W QL (Lamp Included), 120V, Surface Mount Consult Factory	**GL**-Gold Alzak® Specular	**F**-Fuse and Fuse Holder
12-165QLW-2[1]	165W QL (Lamp Included), 277V, Surface Mount Consult Factory	**GS**-Gold Alzak® Satin	**4K**-4000K Lamp
12P-165QLW-1[1]	165W QL (Lamp Included), 120V, Pendant Mount	**W**-White Painted	**5K**-5000K Lamp
12P-165QLW-2[1]	165W QL (Lamp Included), 277V, Pendant Mount		
12B-165QLW-1[1]	165W QL (Lamp Included), 120V, Wall Mount Consult Factory		
12B-165QLW-2[1]	165W QL (Lamp Included), 277V, Wall Mount Consult Factory		

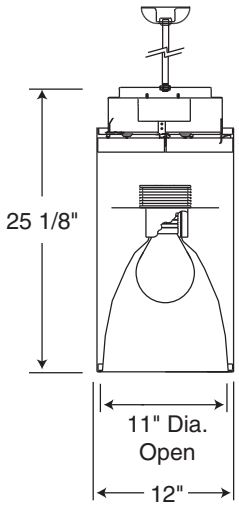
[1]For black finish, change "W" in Catalog Number to "B."

Accessories

Catalog No.	Description
P18-W[1]	18" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P24-W[1]	24" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P36-W[1]	36" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish

[1]For black finish, change "W" in Catalog Number to "B."

Dimensions



Pendant Mount

Cylinders | 12" Triple Tube Vertical Compact Fluorescent
Open Downlight

Description
Ideal for areas where energy efficient "instant on" or dimming is desired.

Features
- Low iridescent finishes eliminate "rainbowing"
- 120/277 universal voltage HPF electronic ballast
- Cylinder exterior is heavy gauge steel with white or black finish; consult factory for other colors
- UL/C-UL Listed for damp locations

Ordering Information Ordering Example: **12-32TW-CL-120F**

Series	Description	Reflector Color/Finish	Options
12-32TW[1]	32W Triple Tube, 4-Pin, Surface Mount	**CL**-Clear Alzak® Specular	**3**-347 Volt
12P-32TW[1]	32W Triple Tube, 4-Pin, Pendant Mount	**CS**-Clear Alzak® Satin	**D10**-Dimming Ballast
12B-32TW[1]	32W Triple Tube, 4-Pin, Wall Mount	**GL**-Gold Alzak® Specular	Advance Mark 10™ (for 18W only)
		GS-Gold Alzak® Satin	**D7**-Dimming Ballast
12-42TW[1]	42W Triple Tube, 4-Pin, Surface Mount	**W**-White Painted	Advance Mark 7™ (for 13W only)
12P-42TW[1]	42W Triple Tube, 4-Pin, Pendant Mount		**DL**-Dimming Ballast Lutron
12B-42TW[1]	42W Triple Tube, 4-Pin, Wall Mount		Compact SE (for 18W only)
			***F**-Fuse and Fuse Holder
			(where *** = voltage)

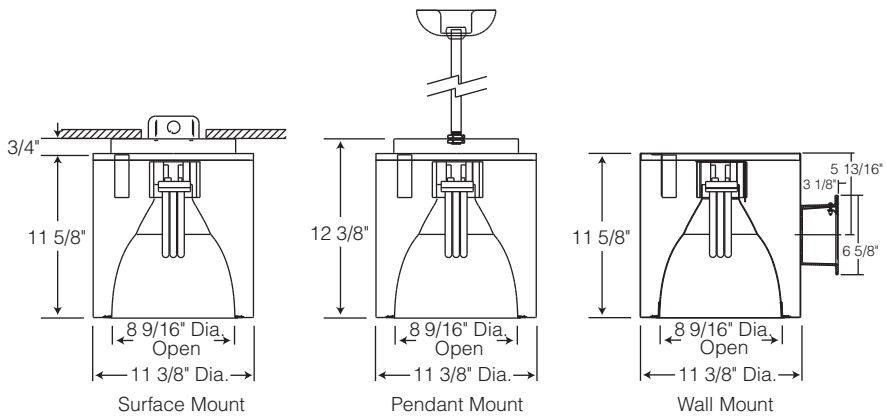
[1]For black finish, change "W" in Catalog Number to "B."

Accessories

Catalog No.	Description
P18-W[1]	18" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P24-W[1]	24" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P36-W[1]	36" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish

[1]For black finish, change "W" in Catalog Number to "B."

Dimensions



Cylinders | 12" Triple Horizontal Compact Fluorescent Open Downlight

Description

Horizontal lamp design provides wide, uniform light distribution in shallow profile housing with very good brightness control.

Features

- Low iridescent finishes eliminate "rainbowing"
- 120/277 universal voltage HPF electronic ballast
- Cylinder exterior is heavy gauge steel with white or black finish; consult factory for other colors
- UL/C-UL Listed for damp locations

Ordering Information

Ordering Example: **12H2-32TW-CL-120F**

Series	Description	Reflector Color/Finish	Options
12H-32TW[1,2,3]	1X32W Triple, 4-Pin	**CL**-Clear Alzak® Specular	**3**-347 Volt
12H2-32TW[1,2,3]	2X32W Triple, 4-Pin	**CS**-Clear Alzak® Satin	**D10**-Dimming Ballast Advance Mark 10™ (for 18W only)
		GL-Gold Alzak® Specular	**D7**-Dimming Ballast Advance Mark 7™ (for 13W only)
12H-42TW[1,2,3]	1X42W Triple, 4-Pin	**GS**-Gold Alzak® Satin	**DL**-Dimming Ballast Lutron Compact SE (for 18W only)
12H2-42TW[1,2,3]	2X42W Triple, 4-Pin	**W**-White Painted	***F**-Fuse and Fuse Holder (where *** = voltage)

[1]Surface Mount series indicated.

[2]For pendant mount, change 12H to 12HP in series; for wall mount, change 12H to 12HB in series.

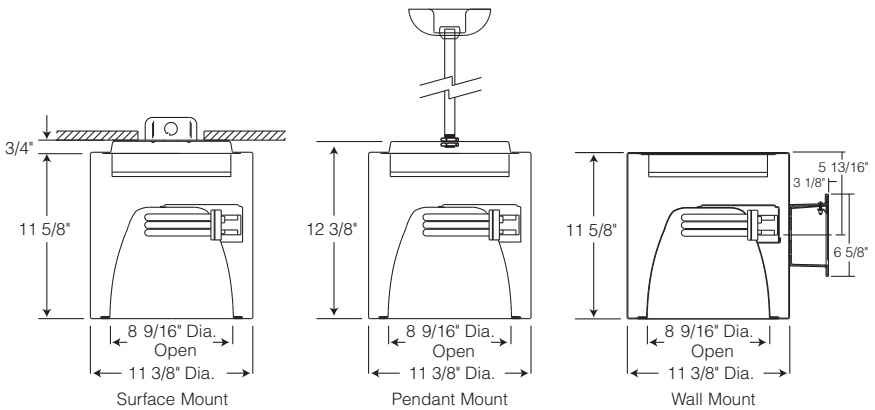
[3]For black finish, change "W" in Catalog Number to "B."

Accessories

Catalog No.	Description
P18-W[3]	18" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P24-W[3]	24" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish
P36-W[3]	36" Hang Straight Pendant Mounting Kit (45° max ceiling slope), White finish

[3]For black finish, change "W" in Catalog Number to "B."

Dimensions



indy™

LED | Designer Cove™

600 Lumen LED Multi-Lamp Open Aperture with White Trim Flange

Description

Multi-lamp LED fixture is fully adjustable to highlight merchandise and art. Available in 1-, 2-, and 3-lamp designs.

Features

- Lumileds LUXEON Rebel LEDs provide outstanding reliability, performance and color quality/consistency
- 2700K, 3000K or 4100K white phosphor high performance LEDs
- 120V dimming standard, operates with most reverse phase controllers
- Universal driver accommodates 120V to 277V input volts AC at 50/60Hz
- Rated for 50,000 hours at 70% lumen maintenance
- Aluminum die cast housing is removable for ease of maintenance and provides interchangeability of beam distributions and color temperatures
- Yoke assembly allows 355° rotation and up to 75° tilt of lamp housing and features rotation and tilt locking
- Heavy gauge cold rolled steel with white or black finish
- Mounting brackets have 3" vertical adjustment and accept proprietary TRU-LOCK bar hangers, 1-½" C-channel and flat linear bars (order as accessories) or 1-½" EMT, ¾" and 1-½" lathing channel (by others)
- Heavy gauge, white baked enamel trim flange
- UL listed for dry/damp locations

Ordering Information

Ordering Example: 1-Lamp – **DCS16-N-1030-BL1**
2-Lamp – **DCS16-FF-1027-WH1**
3-Lamp – **DCS16-SNS-1040-BL1**

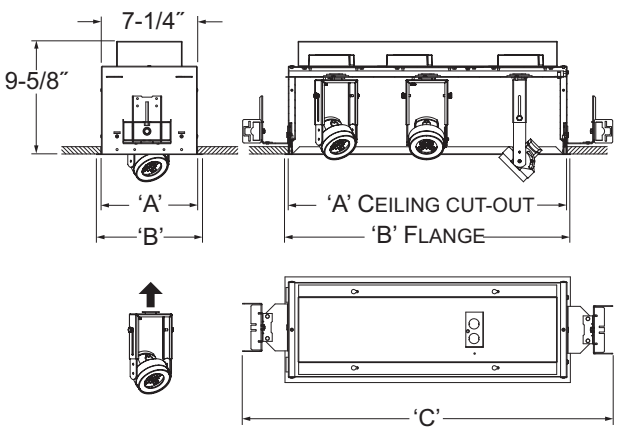
Catalog No.	Beam Spread *one per lamp*[1]	Lumens	Color Temp	Finish	Generation	Options
DCS16 1, 2 & 3-Lamp LED Designer Cove MR16 Size	**S**-Spot (10°) **N**-Narrow Flood (27°) **F**-Flood (40°)	**06**-600 Lumens	**27**-2700K **30**-3000K **40**-4100K	**WH**-White **BL**-Black	**1**	**347**-347 Volt[2] *****F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[2]

[1]See ordering examples for 1-, 2-, and 3-lamp units.

[2]Consult factory for availability.

See specification sheets for details on ordering rough-ins and heads separately.

Dimensions



# of Heads	Ceiling Cut-out 'A'	Flange Trim 'B'	Dim. 'C'
1	7-1/4″ x 7-1/4″	8″ x 7-7/8″	15″
2	7-1/4″ x 13-3/8″	8″ x 14″	21″
3	7-1/4″ x 23-3/4″	8″ x 24-3/8″	31-1/2″

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T7459BL	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Green Color Filter
T7477	Prismatic Spread Lens
T7478	Linear Spread Lens
T7418	Color Correction Lens/UV Filter
T7421	Uniformity Lens

indy™

LED | Designer Cove™

600 Lumen LED Multi-Lamp Open Aperture, Trimless

Description

Multi-lamp LED fixture is fully adjustable to highlight merchandise and art. Available in 1-, 2-, and 3-lamp designs.

Features

- Lumileds LUXEON Rebel LEDs provide outstanding reliability, performance and color quality/consistency
- 2700K, 3000K or 4100K white phosphor high performance LEDs
- 120V dimming standard, operates with most reverse phase controllers
- Universal driver accommodates 120V to 277V input volts AC at 50/60Hz
- Rated for 50,000 hours at 70% lumen maintenance
- Aluminum die cast housing is removable for ease of maintenance and provides interchangeability of beam distributions and color temperatures
- Yoke assembly allows 355° rotation and up to 75° tilt of lamp housing and features rotation and tilt locking
- Heavy gauge cold rolled steel with white or black finish
- Built-in plaster flange made of heavy gauge aluminum is framed into ceiling using drywall screws (provided) and preserves a trimless design
- UL listed for dry/damp locations

Ordering Information

Ordering Example: 1-Lamp – **DCS16-N-0630-NT-BL1**
2-Lamp – **DCS16-FF-0627-NT-WH1**
3-Lamp – **DCS16-SNS-0640-NT-BL1**

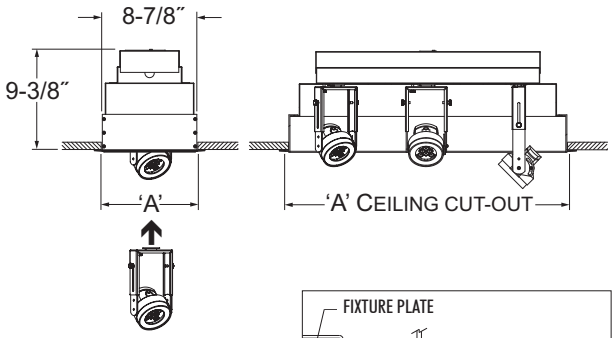
Catalog No.	Beam Spread *one per lamp*[1]	Lumens	Color Temp	No Trim	Finish	Generation	Options
DCS16 1, 2 & 3-Lamp LED Designer Cove MR16 Size	**S**-Spot (10°) **N**-Narrow Flood (27°) **F**-Flood (40°)	**06**-600 Lumens	**27**-2700K **30**-3000K **40**-4100K	**NT**	**WH**-White **BL**-Black	**1**	**347**-347 Volt[2] *****F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[2]

[1]See ordering examples for 1-, 2-, and 3-lamp units.

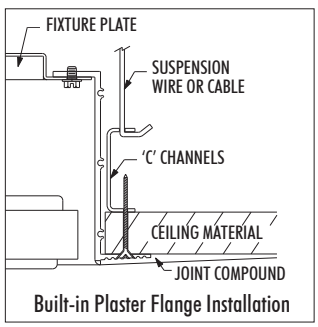
[2]Consult factory for availability.

See specification sheets for details on ordering rough-ins and heads separately.

Dimensions



# of Heads	Ceiling Cut-out 'A'
1	7-3/8″ x 9″
2	7-3/8″ x 14-1/2″
3	7-3/8″ x 21-1/4″



Built-in Plaster Flange Installation

Accessories

Catalog No.	Description
T7459BL	Louver-3 3/4″ Dia. With 1/2 Sq. Cells
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Green Color Filter
T7477	Prismatic Spread Lens
T7478	Linear Spread Lens
T7418	Color Correction Lens/UV Filter
T7421	Uniformity Lens

indy™

LED | Designer Cove™

1000/2000 Lumen LED Open Aperture with White Trim Flange

Description

Multi-lamp LED fixture is fully adjustable to highlight merchandise and art. Available in 1-, 2-, and 3-lamp designs.

Features

- Lumileds LUXEON Rebel LEDs provide outstanding reliability, performance and color quality/consistency
- 2700K, 3000K, 3500K or 4100K white phosphor high performance LEDs
- 120V dimming standard, operates with most reverse phase controllers
- Universal driver accommodates 120V to 277V input volts AC at 50/60Hz
- Rated for 50,000 hours at 70% lumen maintenance
- Aluminum die cast housing is removable for ease of maintenance and provides interchangeability of beam distributions and color temperatures
- Yoke assembly allows 355° rotation and up to 75° tilt of lamp housing and features rotation and tilt locking
- Heavy gauge cold rolled steel with white or black finish
- Mounting brackets have 3" vertical adjustment and accept proprietary TRU-LOCK bar hangers, 1-½" C-channel and flat linear bars (order as accessories) or 1-½" EMT, ¾" and 1-½" lathing channel (by others)
- Heavy gauge, white baked enamel trim flange
- UL listed for dry/damp locations
- ENERGY STAR® Qualified where noted

Ordering Information

Ordering Example: 1-Lamp – **DCS30-N-10301-BL2**
2-Lamp – **DCS30-FF-10271-WH2**
3-Lamp – **DCS30-SNS-10401-BL2**

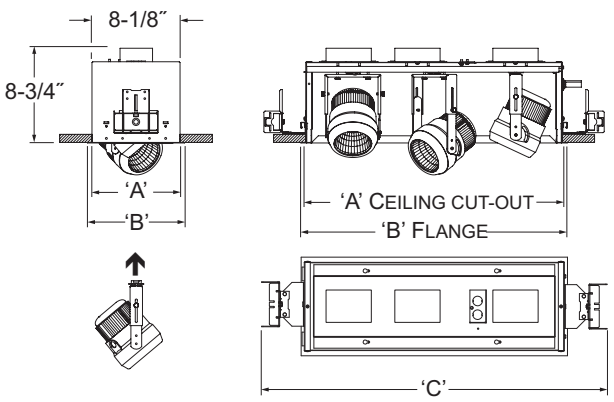
Catalog No.	Beam Spread *one per lamp*[1]	Lumens	Color Temp	Voltage	Finish	Generation	Options
DCS30 1, 2 & 3-Lamp LED Designer Cove PAR30 Size	**S**-Spot (10°) **N**-Narrow Flood (27°) **F**-Flood (40°)	**10**†-1000 Lumens **20**-2000 Lumens	**27**-2700K **30**-3000K **35**-3500K **40**-4100K	**1**-120V **2**-277V **3**-347V	**WH**-White **BL**-Black	**2**	***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[2]

†ENERGY STAR® Qualified.

[1]See ordering examples for 1-, 2-, and 3-lamp units. [2]Consult factory for availability.

See specification sheets for details on ordering rough-ins and heads separately.

Dimensions



# of Heads	Ceiling Cut-out 'A'	Flange Trim 'B'	Dim. 'C'
1	8-1/4″ x 8-1/4″	9″ x 8-7/8″	16″
2	8-1/4″ x 15-7/8″	9″ x 16-1/2″	23-3/4″
3	8-1/4″ x 23-3/4″	9″ x 24-3/8″	31-1/2″

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T569BL [3]	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T561 [3]	Medium Pink Color Filter
T562 [3]	Warm Red Color Filter
T563 [3]	Daylight Blue Color Filter
T564 [3]	Medium Blue Color Filter
T565 [3]	Medium Amber Color Filter
T566 [3]	Green Color Filter
T5677 [4]	Prismatic Spread Lens
T5678 [4]	Linear Spread Lens
T5618 [4]	Color Correction Lens/UV Filter
T5621 [4]	Uniformity Lens
T5623 [4]	High Output Uniformity Lens

[3]Not for use with Chicago Plenum or 347V.
[4]Not for use with snoot or any other accessories.

indy™

LED | Designer Cove™

1000/2000 Lumen LED Open Aperture, Trimless

Description

Multi-lamp LED fixture is fully adjustable to highlight merchandise and art. Available in 1-, 2-, and 3-lamp designs.

Features

- Lumileds LUXEON Rebel LEDs provide outstanding reliability, performance and color quality/consistency
- 2700K, 3000K, 3500K or 4100K white phosphor high performance LEDs
- 120V dimming standard, operates with most reverse phase controllers
- Universal driver accommodates 120V to 277V input volts AC at 50/60Hz
- Rated for 50,000 hours at 70% lumen maintenance
- Aluminum die cast housing is removable for ease of maintenance and provides interchangeability of beam distributions and color temperatures
- Yoke assembly allows 355° rotation and up to 75° tilt of lamp housing and features rotation and tilt locking
- Heavy gauge cold rolled steel with white or black finish
- Built-in plaster flange made of heavy gauge aluminum is framed into ceiling using drywall screws (provided) and preserves a trimless design
- UL listed for dry/damp locations
- ENERGY STAR® Qualified where noted

Ordering Information

Ordering Example: 1-Lamp – **DCS30-N-10301-NT-BL2**
2-Lamp – **DCS30-FF-10271-NT-WH2**
3-Lamp – **DCS30-SNS-10401-NT-BL2**

Catalog No.	Beam Spread *one per lamp*[1]	Lumens	Color Temp	Voltage	No Trim	Finish	Generation	Options
DCS30 1, 2 & 3-Lamp LED Designer Cove PAR30 Size	**S**-Spot (10°) **N**-Narrow Flood (27°) **F**-Flood (40°)	**10**†-1000 Lumens **20**-2000 Lumens	**27**-2700K **30**-3000K **35**-3500K **40**-4100K	**1**-120V **2**-277V **3**-347V	**NT**	**WH**-White **BL**-Black	**2**	***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[2]

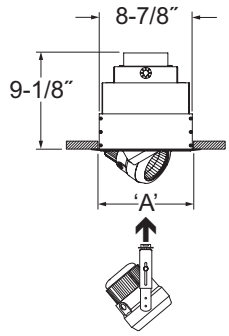
†ENERGY STAR® Qualified.

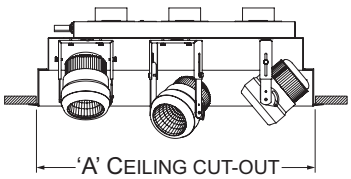
[1]See ordering examples for 1-, 2-, and 3-lamp units.

[2]Consult factory for availability.

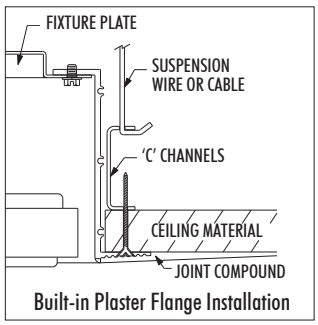
See specification sheets for details on ordering rough-ins and heads separately.

Dimensions





# of Heads	Ceiling Cut-out 'A'
1	9″ x 9″
2	9″ x 17-3/4″
3	9″ x 26-1/4″



Built-in Plaster Flange Installation

Accessories

Catalog No.	Description
T569BL [3]	Louver-3 3/4″ Dia. With 1/2 Sq. Cells
T561 [3]	Medium Pink Color Filter
T562 [3]	Warm Red Color Filter
T563 [3]	Daylight Blue Color Filter
T564 [3]	Medium Blue Color Filter
T565 [3]	Medium Amber Color Filter
T566 [3]	Green Color Filter
T5677 [4]	Prismatic Spread Lens
T5678 [4]	Linear Spread Lens
T5618 [4]	Color Correction Lens/UV Filter
T5621 [4]	Uniformity Lens
T5623 [4]	High Output Uniformity Lens

[3]Not for use with Chicago Plenum or 347V.

[4]Not for use with snoot or any other accessories.

Multi-Lamp | **Designer Cove™**
T4 CMH Open Aperture with White Trim Flange

Description
Multi-lamp CMH fixture is fully adjustable to highlight merchandise and art. Available in 1-, 2-, and 3-lamp designs.

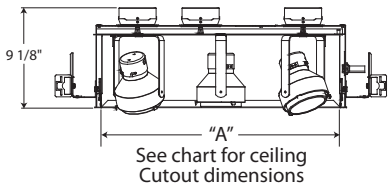
Features
- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 45° tilt and 355° rotation
- Lamp Holder: T4/T4.5 – G8.5 bi-pin socket base with recessed female contacts • T4 Mini – Twist and lock GU6.5 base • BT5 – Twist and lock PGJ5 base
- Open design facilitates narrow ceiling cutout
- Mounting brackets are heavy gauge galvanized steel
- Housing is cold rolled steel, black or white
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for damp locations

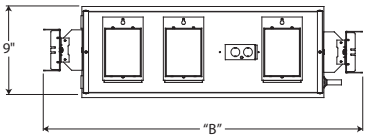
Ordering Information
Ordering Example: 1-Lamp – **DCT4-N-20H-BL**
2-Lamp – **DCT4-SS-20H-BL**
3-Lamp – **DCT4-FSF-20H-BL**

Catalog No.	Beam Spread *one per lamp*[1]	Wattage/Lamp	Finish	Options
DCT4 T4/T4.5 MH Lamp G8.5 base **DCTM**[3] T4 Mini MH Lamp GU6.5 base **DCBT**[4] BT5 MH Lamp PGJ5 base	**S**-Spot (10°) **N**-Narrow Flood (27°) **F**-Flood (40°)	**20H**-20W T4 Mini, T4/4.5 MH lamp, 120/277V Electronic Ballast **20H1**-20W BT5 lamp, 120V Electronic Ballast, DCBT only **39H**-39W T4 Mini, T4/4.5 MH lamp, 120/277V Electronic Ballast **70H**-70W T4/4.5 MH lamp 120/277V Electronic Ballast	**WH**-White **BL**-Black	**347**-347 Volt[2] *****F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[2] **SR**-Semi-recessed

[1]See ordering examples for 1-, 2-, and 3-lamp units.
[2]Consult factory for availability.
[3]GE Mini T4.
[4]Philips Mini Master Color® CDM-Tm.

Dimensions





# of Lamps	Ceiling Cutout	A	B
3	23 3/4" x 8 1/4"	23 5/8"	31 1/2"
2	15 7/8" x 8 1/4"	15 3/4"	23 5/8"
1	8 1/4" x 8 1/4"	8 1/8"	16"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T569BL	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T561	Pink Color Filter
T562	Red Color Filter
T563	Light Blue Color Filter
T564	Medium Blue Color Filter
T565	Medium Amber Color Filter
T566	Green Color Filter
T5677	Prismatic Spread Lens
T5678	Linear Spread Lens
T5619	Color Correction Lens/UV Filter
T5622	UV Filter

Multi-Lamp | **Designer Cove™**
T4 CMH Open Aperture, Trimless

Description
Multi-lamp CMH fixture is fully adjustable to highlight merchandise and art. Available in 1-, 2-, and 3-lamp designs.

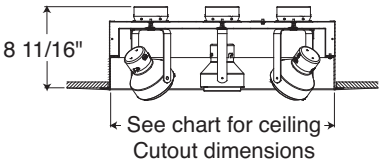
Features
- Universal housing design installs in plaster or drywall ceilings
- Up to 45° tilt and 355° rotation
- Lamp Holder: T4/T4.5 – G8.5 bi-pin socket base with recessed female contacts • T4 Mini – Twist and lock GU6.5 base • BT5 – Twist and lock PGJ5 base
- Open design facilitates narrow ceiling cutout
- Housing is cold rolled steel, black or white
- Built-in plaster flange made of heavy gauge aluminum is framed into ceiling using drywall screws (provided) and preserves a trimless design
- UL/C-UL Listed for damp locations

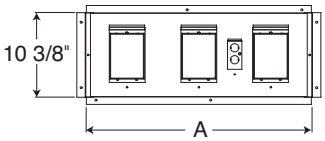
Ordering Information
Ordering Example: 1-Lamp – **DCT4-N-20H-NT-BL**
2-Lamp – **DCT4-SS-20H-NT-BL**
3-Lamp – **DCT4-FSF-20H-NT-BL**

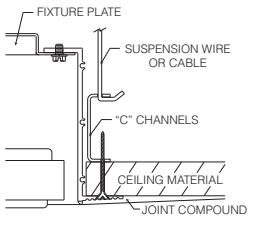
Catalog No.	Beam Spread *one per lamp*[1]	Wattage/Lamp	Finish	Options
DCT4 T4/T4.5 MH Lamp G8.5 base **DCTM**[3] T4 Mini MH Lamp GU6.5 base **DCBT**[4] BT5 MH Lamp PGJ5 base	**S**-Spot (10°) **N**-Narrow Flood (27°) **F**-Flood (40°)	**20H-NT**-20W T4 Mini, T4/4.5 MH lamp, 120/277V Electronic Ballast **20H1-NT**-20W BT5 lamp, 120V Electronic Ballast, DCBT only **39H-NT**-39W T4 Mini, T4/4.5 MH lamp, 120/277V Electronic Ballast **70H-NT**-70W T4/4.5 MH lamp, 120/277V Electronic Ballast	**WH**-White **BL**-Black	**347**-347 Volt[2] ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[2] **SR**-Semi-recessed

[1]See ordering examples for 1-, 2-, and 3-lamp units.
[2]Consult factory for availability.
[3]GE Mini T4.
[4]Philips Mini Master Color® CDM-Tm.

Dimensions







BUILT-IN PLASTER FLANGE INSTALLATION

# of Lamps	Ceiling Cutout	A
3	26″ x 9″	28″
2	17 1/2″ x 9″	19 1/4″
1	8 7/8″ x 9″	8 3/8″

Accessories

Catalog No.	Description
T569BL	Louver-3 3/4″ Dia. With 1/2 Sq. Cells
T561	Pink Color Filter
T562	Red Color Filter
T563	Light Blue Color Filter
T564	Medium Blue Color Filter
T565	Medium Amber Color Filter
T566	Green Color Filter
T5677	Prismatic Spread Lens
T5678	Linear Spread Lens
T5619	Color Correction Lens/UV Filter
T5622	UV Filter

Multi-Lamp | **Designer Cove™**
T6/T4.5 CMH Open Aperture with White Trim Flange

Description
Multi-lamp CMH fixture is fully adjustable to highlight merchandise and art. Available in 1-, 2-, and 3-lamp designs.

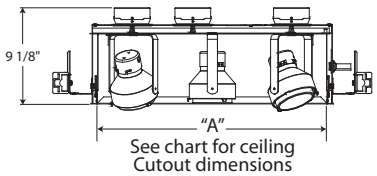
Features
- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 45° tilt and 355° rotation
- Lamp Holder: G12 socket with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- Open design facilitates narrow ceiling cutout
- Mounting brackets are heavy gauge galvanized steel
- Housing is cold rolled steel, black or white
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

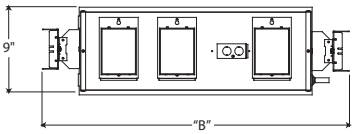
Ordering Information
Ordering Example: 1-Lamp – **DCT6-N-70H-WH**
2-Lamp – **DCT6-SS-70H-WH**
3-Lamp – **DCT6-FSF-70H-WH**

Catalog No.	Beam Spread *one per lamp*[1]	Wattage/Lamp	Finish	Options
DCT6 T6/T4.5 MH Lamp G12 base	**S**-Spot (10°) **N**-Narrow Flood (27°) **F**-Flood (40°)	**20H**-20W T4.5 MH lamp, 120/277V Electronic Ballast **39H**-39W T6 MH lamp, 120/277V Electronic Ballast **70H**-70W T6 MH lamp, 120/277V Electronic Ballast	**WH**-White **BL**-Black	**347**-347 Volt[2] ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[2] **SR**-Semi-recessed

[1]See ordering examples for 1-, 2-, and 3-lamp units.
[2]Consult factory for availability.

Dimensions





# of Lamps	Ceiling Cutout	A	B
3	23 3/4" x 8 1/4"	23 5/8"	31 1/2"
2	15 7/8" x 8 1/4"	15 3/4"	23 5/8"
1	8 1/4" x 8 1/4"	8 1/8"	16"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T569BL	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T561	Pink Color Filter
T562	Red Color Filter
T563	Light Blue Color Filter
T564	Medium Blue Color Filter
T565	Medium Amber Color Filter
T566	Green Color Filter
T5677	Prismatic Spread Lens
T5678	Linear Spread Lens
T5619	Color Correction Lens/UV Filter
T5622	UV Filter

Multi-Lamp | **Designer Cove™**
T6/T4.5 CMH Open Aperture, Trimless

Description
Multi-lamp CMH fixture is fully adjustable to highlight merchandise and art. Available in 1-, 2-, and 3-lamp designs.

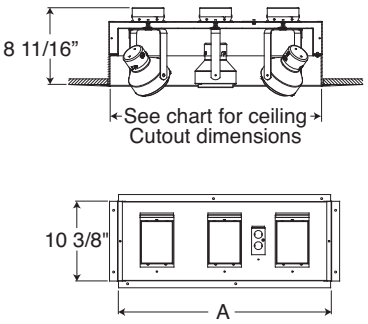
Features
- Universal housing design installs in plaster or drywall ceilings
- Up to 45° tilt and 355° rotation
- Lamp Holder: G12 socket with heavy duty recessed female contacts • 660W, 600V rated for 5KV pulse
- Open design facilitates narrow ceiling cutout
- Housing is cold rolled steel, black or white
- Built-in plaster flange made of heavy gauge aluminum is framed into ceiling using drywall screws (provided) and preserves a trimless design
- UL/C-UL Listed for damp locations

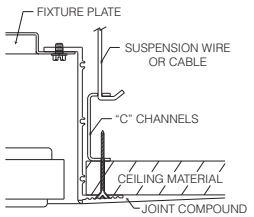
Ordering Information
Ordering Example: 1-Lamp – **DCT6-N-39H-NT-BL**
2-Lamp – **DCT6-SS-39H-NT-BL**
3-Lamp – **DCT6-FSF-39H-NT-BL**

Catalog No.	Beam Spread *one per lamp*[1]	Wattage/Lamp	Finish	Options
DCT6 T6/T4.5 MH Lamp G12 base	**S**-Spot (10°) **N**-Narrow Flood (27°) **F**-Flood (40°)	**20H-NT**-20W T4.5 MH lamp, 120/277V Electronic Ballast **39H-NT**-39W T6 MH lamp, 120/277V Electronic Ballast **70H-NT**-70W T6 MH lamp, 120/277V Electronic Ballast	**WH**-White **BL**-Black	**347**-347 Volt[2] ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[2] **SR**-Semi-recessed

[1]See ordering examples for 1-, 2-, and 3-lamp units.
[2]Consult factory for availability.

Dimensions





BUILT-IN PLASTER FLANGE INSTALLATION

# of Lamps	Ceiling Cutout	A
3	26" x 9"	28"
2	17 1/2" x 9"	19 1/4"
1	8 7/8" x 9"	8 3/8"

Accessories

Catalog No.	Description
T569BL	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T561	Pink Color Filter
T562	Red Color Filter
T563	Light Blue Color Filter
T564	Medium Blue Color Filter
T565	Medium Amber Color Filter
T566	Green Color Filter
T5677	Prismatic Spread Lens
T5678	Linear Spread Lens
T5619	Color Correction Lens/UV Filter
T5622	UV Filter

Multi-Lamp | **Designer Cove™**
MR16 CMH Open Aperture with White Trim Flange

Description
Multi-lamp CMH fixture is fully adjustable to highlight merchandise and art.

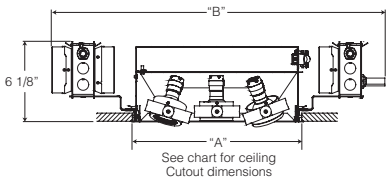
Features
- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 35° tilt and 360° rotation
- GX10 twist and lock
- Open design facilitates narrow ceiling cutout
- Mounting frame is heavy gauge cold rolled steel
- Housing is cold rolled steel, black or white
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- House is cold rounded steel, black or white
- UL/C-UL Listed for feed through and damp locations

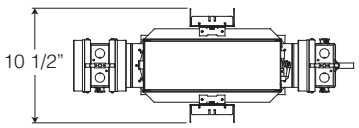
Ordering Information Ordering Example: 1-Lamp – **DC161-20H-WH**

Catalog No.	Description	Finish	Options
DC161-20H	1 Lamp: 20W MR16 lamp, 120/277V Electronic Ballast	**WH**-White	**347**-347 Volt[1]
DC162-20H	2 Lamp: 20W MR16 lamp, 120/277V Electronic Ballast	**BL**-Black	***F**-Fuse and Fuse Holder
DC163-20H	3 Lamp: 20W MR16 lamp, 120/277V Electronic Ballast		(where *** = voltage)
DC161-39H	1 Lamp: 39W MR16 lamp, 120/277V Electronic Ballast		**CP**-Chicago Plenum[1]
DC162-39H	2 Lamp: 39W MR16 lamp, 120/277V Electronic Ballast		
DC163-39H	3 Lamp: 39W MR16 lamp, 120/277V Electronic Ballast		

[1]Consult factory for availability.

Dimensions





# of Lamps	Ceiling Cutout	A	B
3	13 1/8" x 5"	12 1/8"	26"
2	9 1/4" x 5"	8 3/8"	20 3/4"
1	5 1/2" x 5"	4 1/8"	13"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HCL16	Hexcell Louver
PCF16	Pink Color Filter
RCF16	Red Color Filter
LBCF16	Light Blue Color Filter
MBCF16	Medium Blue Color Filter
ACF16	Amber Color Filter
GCF16	Green Color Filter

Multi-Lamp | **Designer Cove™**
MR16 CMH Open Aperture, Trimless

Description
Multi-lamp CMH fixture is fully adjustable to highlight merchandise and art.

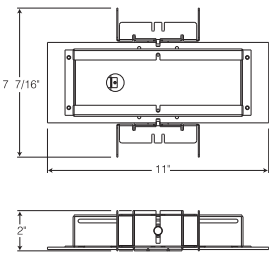
Features
- Universal housing design installs plaster, or drywall ceilings
- Up to 35° tilt and 360° rotation
- GX10 twist and lock
- Open design facilitates narrow ceiling cutout
- Remote ballast mounting frame is heavy gauge cold rolled steel
- Housing is cold rolled steel, black or white
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- Built-in plaster flange made of heavy gauge aluminum is framed into ceiling using drywall screws (provided) and preserves a trimless design
- UL/C-UL Listed for damp locations

Ordering Information Ordering Example: 1-Lamp – **DC161-20H-NT-WH**

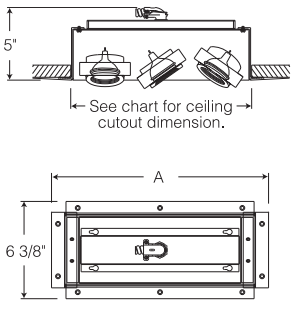
Catalog No.	Description	Finish	Options
DC161-20H-NT	1 Lamp: 20W MR16 lamp, 120/277V Electronic Ballast	**WH**-White	**347**-347 Volt[1]
DC162-20H-NT	2 Lamp: 20W MR16 lamp, 120/277V Electronic Ballast	**BL**-Black	***F**-Fuse and Fuse Holder
DC163-20H-NT	3 Lamp: 20W MR16 lamp, 120/277V Electronic Ballast		(where *** = voltage)
DC161-39H-NT	1 Lamp: 39W MR16 lamp, 120/277V Electronic Ballast		**CP**-Chicago Plenum[1]
DC162-39H-NT	2 Lamp: 39W MR16 lamp, 120/277V Electronic Ballast		
DC163-39H-NT	3 Lamp: 39W MR16 lamp, 120/277V Electronic Ballast		

[1]Consult factory for availability.

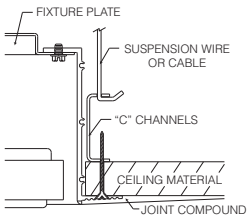
Dimensions



Remote Ballast



# of Lamps	Ceiling Cutout	A
3	13" x 5"	15"
2	8 7/8" x 5"	10 7/8"
1	4 5/8" x 5"	6 5/8"



BUILT-IN PLASTER FLANGE INSTALLATION

Accessories

Catalog No.	Description
HB-TL [2]	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52 [2]	52" C-Channel Bar Hangers, Pair
HB-28 [2]	28" C-Channel Bar Hangers, Pair
LB-27 [2]	27" Linear Bar Hangers, Pair
HCL16	Hexcell Louver
PCF16	Pink Color Filter
RCF16	Red Color Filter
LBCF16	Light Blue Color Filter
MBCF16	Medium Blue Color Filter
ACF16	Amber Color Filter
GCF16	Green Color Filter

[2]Bar hangers required for remote transformer mounting. (2 lamp and 3 lamp 39W models only.)

Multi-Lamp | **Designer Cove™**
PAR20 CMH Fixture Open Aperture with White Trim Flange

Description
Metal halide PAR lamps combine energy efficiency with punch to illuminate merchandise, displays and art.

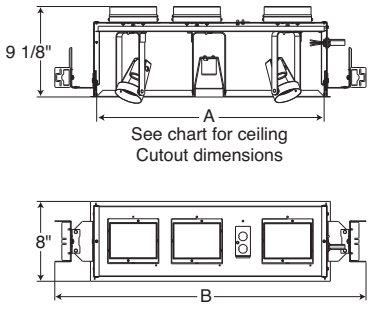
Features
- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 45° tilt and 355° rotation; adjustable yoke
- Open design facilitates narrow ceiling cutout
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Mounting brackets are heavy gauge galvanized steel
- Housing is cold rolled steel, black or white
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for damp locations

Ordering Information Ordering Example: **DC201-39EMH-BL-120F**

Catalog No.	Description	Interior Finish	Options
DC201-39EMH	1 Lamp: 39W PAR20 MH, 120/277V Electronic Ballast	**WH**-White	**347**-347 Volt[1]
DC202-39EMH	2 Lamp: 39W PAR20 MH, 120/277V Electronic Ballasts	**BL**-Black	***F**-Fuse and Fuse Holder (where *** = voltage)
DC203-39EMH	3 Lamp: 39W PAR20 MH, 120/277V Electronic Ballasts		**CP**-Chicago Plenum[1]

[1]Consult factory for availability.

Dimensions



# of Lamps	Lamp Type	Ceiling Cutout	A	B
3	PAR20	23 3/4" x 7 1/4"	23 5/8"	31 1/2"
2	PAR20	13 3/8" x 7 1/4"	13 1/4"	21 1/8"
1	PAR20	7 1/4" x 7 1/4"	7 1/8"	15"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

Multi-Lamp | **Designer Cove™**
PAR30/38 CMH Fixture Open Aperture with White Trim Flange

Description
Metal halide PAR lamps combine energy efficiency with punch to illuminate merchandise, displays and art.

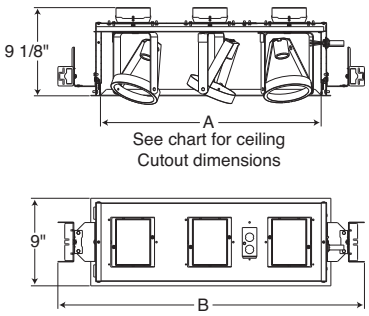
Features
- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 45° tilt and 355° rotation; adjustable yoke
- Open design facilitates narrow ceiling cutout
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Mounting brackets are heavy gauge galvanized steel
- Housing is cold rolled steel, black or white
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for damp locations

Ordering Information Ordering Example: **DC301-39EMH-BL-120F**

Catalog No.	Description	Interior Finish	Options
DC301-39EMH	1 Lamp: 39W PAR30L MH, 120/277V Electronic Ballast	**WH**-White	**347**-347 Volt[1]
DC302-39EMH	2 Lamp: 39W PAR30L MH, 120/277V Electronic Ballasts	**BL**-Black	***F**-Fuse and Fuse Holder
DC303-39EMH	3 Lamp: 39W PAR30L MH, 120/277V Electronic Ballasts		(where *** = voltage)
DC301-70EMH	1 Lamp: 70W PAR30L MH, 120/277V Electronic Ballast		**CP**-Chicago Plenum[1]
DC302-70EMH	2 Lamp: 70W PAR30L MH, 120/277V Electronic Ballasts		
DC303-70EMH	3 Lamp: 70W PAR30L MH, 120/277V Electronic Ballasts		
DC381-70EMH	1 Lamp: 70W PAR38 MH, 120/277V Electronic Ballast		
DC382-70EMH	2 Lamp: 70W PAR38 MH, 120/277V Electronic Ballasts		
DC383-70EMH	3 Lamp: 70W PAR38 MH, 120/277V Electronic Ballasts		
DC381-100EMH	1 Lamp: 100W PAR38 MH, 120/277V Electronic Ballast		
DC382-100EMH	2 Lamp: 100W PAR38 MH, 120/277V Electronic Ballasts		
DC383-100EMH	3 Lamp: 100W PAR38 MH, 120/277V Electronic Ballasts		

[1]Consult factory for availability.

Dimensions



# of Lamps	Lamp Type	Ceiling Cutout	A	B
3	PAR30/38	23 3/4" x 8 1/4"	23 5/8"	31 1/2"
2	PAR30/38	15 7/8" x 8 1/4"	15 3/4"	23 5/8"
1	PAR30/38	8 1/4" x 8 1/4"	8 1/8"	16"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

Multi-Lamp | **Designer Cove™**

MR16 Low Voltage Fixture Open Aperture with White Trim Flange, Low Profile

Description

MR16 multi-lamp fixtures provide dazzle to displays, merchandise and art with a wide array of optical accessories.

Features

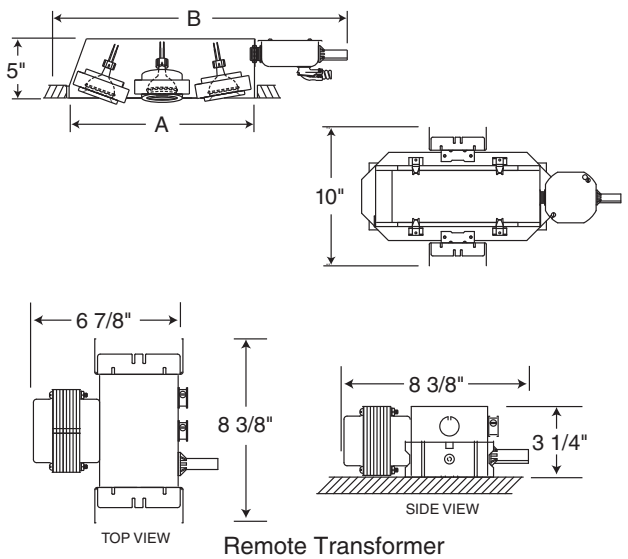
- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 35° tilt and 360° rotation with gimbal ring
- Open design facilitates narrow ceiling cutout
- Single remote magnetic transformer controls all lamps, mounts with bar hangers
- Mini bi-pin lampholder with 350° C leads
- Clear tempered glass lamp guard
- Mounting frame is heavy gauge galvanized steel
- Housing is cold rolled steel, black or white
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for damp locations

Ordering Information Ordering Example: **DC161-WH-F**

Catalog No.	Description	Interior Finish	Options
DC161	1 Lamp: 12V, 20-50W MR16. 120V Input	**WH**-White	**277**-277 Volt
DC162	2 Lamps: 12V, 20-50W MR16. 120V Input	**BL**-Black	**F**-Fuse and Fuse Holder
DC163	3 Lamps: 12V, 20-50W MR16. 120V Input		**CP**-Chicago Plenum[1]

[1]Consult factory for availability.

Dimensions



# of Lamps	Ceiling Cutout	A	B
3	12 3/8" x 4 1/2"	11 1/2"	18 1/2"
2	8 5/8" x 4 1/2"	7 3/4"	14 3/4"
1	4 3/4" x 4 1/2"	3 7/8"	11"

Accessories

Catalog No.	Description
HB-TL [2]	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52 [2]	52" C-Channel Bar Hangers, Pair
HB-28 [2]	28" C-Channel Bar Hangers, Pair
LB-27 [2]	27" Linear Bar Hangers, Pair
HCL16	Hexcell Louver
PCF16 [3]	Pink Color Filter
RCF16 [3]	Red Color Filter
LBCF16 [3]	Light Blue Color Filter
MBCF16 [3]	Medium Blue Color Filter
ACF16 [3]	Amber Color Filter
GCF16 [3]	Green Color Filter
HB-4	Bar Hanger conversion kit for wooden joists

[2]Two pairs of bar hangers required; one for remote transformer mounting, one for fixture mounting (2 and 3 LT fixtures only.)

[3]Two optical accessories maximum.

Multi-Lamp | **Designer Cove™** MR16 Low Voltage Fixture Open Aperture with White Trim Flange, Individual Transformers

Description

Ideal for applications that require independent switching or dimming for each lamp.

Features

- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 35° tilt and 360° rotation with gimbal ring
- Open design facilitates narrow ceiling cutout
- Integral magnetic transformers, one per lamp, provide the ability to switch sources independently
- Mini bi-pin lampholder with 350° C leads
- Clear tempered glass lamp guard
- Mounting frame is heavy gauge galvanized steel
- Housing is cold rolled steel, black or white
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

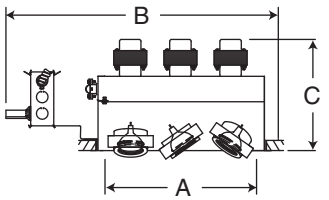
Ordering Information Ordering Example: **DCX161-BL-F**

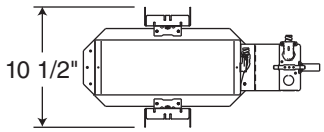
Catalog No.	Description	Interior Finish	Options
DCX161	1 Lamp: 12V, 50-75W MR16. 120V Input	**WH**-White	**277**-277 Volt
DCX162	2 Lamp: 12V, 50-75W MR16. 120V Input	**BL**-Black	**F**-Fuse and Fuse Holder
DCX163	3 Lamp: 12V, 50-75W MR16. 120V Input		**CP**-Chicago Plenum[1]
			20W[2]-20W Transformer per MR16 lamp

[1]Consult factory for availability.

[2]Std. trans. operates 50-75W MR16 lamp. "-20W" trans. operates 20-50W MR16 lamp.

Dimensions





# of Lamps	Ceiling Cutout	A	B	C
3	13 1/8" x 5"	12 1/8"	20 5/8"	8 1/2"
2	9 1/4" x 5"	8 3/8"	16 7/8"	8 1/2"
1	5 1/2" x 5"	4 1/2"	13"	6 5/8"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HCL16 [3]	Hexcell Louver
PCF16 [3]	Pink Color Filter
RCF16 [3]	Red Color Filter
LBCF16 [3]	Light Blue Color Filter
MBCF16 [3]	Medium Blue Color Filter
ACF16 [3]	Amber Color Filter
GCF16 [3]	Green Color Filter
HB-4	Bar Hanger conversion kit for wooden joists

[3]Two optical accessories maximum.

Multi-Lamp | **Designer Cove™**
MR16 Low Voltage Fixture Open Aperture, Trimless

Description
MR16 multi-lamp fixtures provide dazzle to displays, merchandise and art with a wide array of optical accessories.

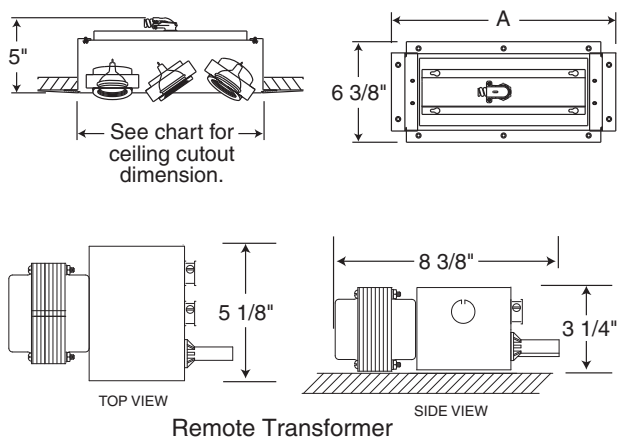
Features
- Universal housing design installs in plaster, or drywall ceilings
- Up to 35° tilt and 360° rotation with gimbal ring
- Open design facilitates narrow ceiling cutout
- Single remote magnetic transformer controls all lamps, mounts with bar hangers
- Mini bi-pin lampholder with 350° C leads
- Clear tempered glass lamp guard
- Remote transformer mounting frame is heavy gauge galvanized steel
- Housing is cold rolled steel, black or white
- Built-in plaster flange made of heavy gauge aluminum is framed into ceiling using drywall screws (provided) and preserves a trimless design
- UL/C-UL Listed for damp locations

Ordering Information Ordering Example: **DC161-NT-WH-277-F**

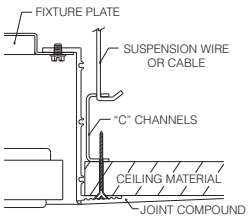
Catalog No.	Description	Interior Finish	Options
DC161-NT	1 Lamp: 12V, 20-50W MR16. 120V Input	**WH**-White	**277**-277 Volt
DC162-NT	2 Lamp: 12V, 20-50W MR16. 120V Input	**BL**-Black	**F**-Fuse and Fuse Holder
DC163-NT	3 Lamp: 12V, 20-50W MR16. 120V Input		**CP**-Chicago Plenum[1]

[1]Consult factory for availability.

Dimensions



# of Lamps	Ceiling Cutout	A
3	13″ x 5″	15″
2	8 7/8″ x 5″	10 7/8″
1	4 5/8″ x 5″	6 5/8″



BUILT-IN PLASTER FLANGE INSTALLATION

Accessories

Catalog No.	Description
HB-TL [2]	25″ Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52 [2]	52″ C-Channel Bar Hangers, Pair
HB-28 [2]	28″ C-Channel Bar Hangers, Pair
LB-27 [2]	27″ Linear Bar Hangers, Pair
HCL16	Hexcell Louver
PCF16 [3]	Pink Color Filter
RCF16 [3]	Red Color Filter
LBCF16 [3]	Light Blue Color Filter
MBCF16 [3]	Medium Blue Color Filter
ACF16 [3]	Amber Color Filter
GCF16 [3]	Green Color Filter

[2]Bar hangers required for remote transformer mounting (2 and 3 LT fixtures only.)
[3]Two optical accessories maximum.

Multi-Lamp | **Designer Cove™**

AR111 Low Voltage Fixture Open Aperture with White Trim Flange

Description

AR111 Low Voltage provides great control for accent lighting.

Features

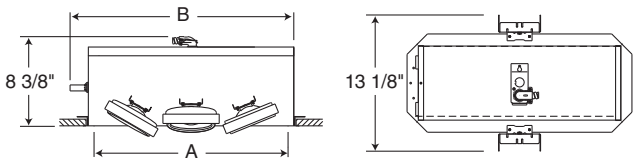
- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 35° tilt and 360° rotation with gimbal ring
- Open design facilitates narrow ceiling cutout
- Single remote magnetic transformer controls all lamps, mounts with bar hangers
- Fork terminals with 200° Celsius, SF-1 leads
- Mounting frame is heavy gauge galvanized steel
- Housing is cold rolled steel, black or white
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for damp locations

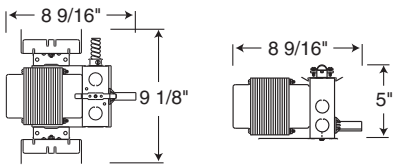
Ordering Information Ordering Example: **DC111-BL-277-F**

Catalog No.	Description	Interior Finish	Options
DC111	1 Lamp: 12V, 35-50W AR111, 120V Input	**WH**-White (50W max.)	**277**-277 Volt
DC112	2 Lamp: 12V, 35-50W AR111, 120V Input	**BL**-Black	**F**-Fuse and Fuse Holder
DC113	3 Lamp: 12V, 35-50W AR111, 120V Input		**CP**-Chicago Plenum[1]
DC111-2	1 Lamp: 12V, 75-100W AR111,. 120V Input		
DC112-2	2 Lamp: 12V, 75-100W AR111, 120V Input		
DC113-2	3 Lamp: 12V, 75-100W AR111, 120V Input		

[1]Consult factory for availability.

Dimensions





Remote Transformer

# of Lamps	Ceiling Cutout	A	B
3	23 7/8" x 7 5/8"	22 7/8"	24 3/4"
2	13 5/8" x 7 5/8"	12 5/8"	14 5/8"
1	8 5/8" x 7 5/8"	7 5/8"	13 5/8"

Accessories

Catalog No.	Description
HB-TL [2]	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52 [2]	52" C-Channel Bar Hangers, Pair
HB-28 [2]	28" C-Channel Bar Hangers, Pair
LB-27 [2]	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

[2]Two pairs of bar hangers required; one for remote transformer mounting, one for fixture mounting. (2 and 3 LT fixtures only.)

Multi-Lamp | **Designer Cove™**
AR111 Low Voltage Fixture Open Aperture, Trimless

Description
AR111 Low Voltage provides great control for accent lighting.

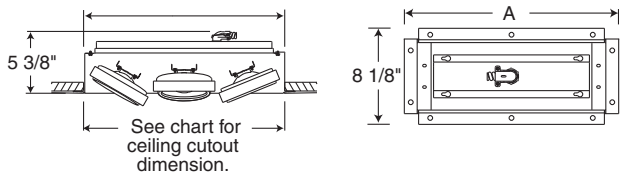
Features
- Universal housing design installs in plaster, or drywall ceilings
- Up to 35° tilt and 360° rotation with gimbal ring
- Open design facilitates narrow ceiling cutout
- Single remote magnetic transformer controls all lamps, mounts with bar hangers
- Fork terminals with 200° C, SF-1 leads
- Remote transformer mounting frame is heavy gauge galvanized steel
- Housing is cold rolled steel, black or white
- Built-in plaster flange made of heavy gauge aluminum is framed into ceiling using drywall screws (provided) and preserves a trimless design
- UL/C-UL Listed for damp locations

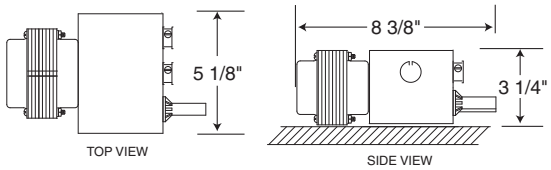
Ordering Information Ordering Example: **DC111-NT-BL-F**

Catalog No.	Description	Interior Finish	Options
DC111-NT	1 Lamp: 12V, 35-50W AR111, 120V Input	**WH**-White (50W max.)	**277**-277 Volt
DC112-NT	2 Lamp: 12V, 35-50W AR111, 120V Input	**BL**-Black	**F**-Fuse and Fuse Holder
DC113-NT	3 Lamp: 12V, 35-50W AR111, 120V Input		**CP**-Chicago Plenum[1]
DC111-2-NT	1 Lamp: 12V, 75-100W AR111, 120V Input		
DC112-2-NT	2 Lamp: 12V, 75-100W AR111, 120V Input		
DC113-2-NT	3 Lamp: 12V, 75-100W AR111, 120V Input		

[1]Consult factory for availability.

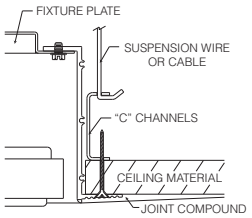
Dimensions





Remote Transformer

# of Lamps	Ceiling Cutout	A
3	17 1/2" x 6 3/4"	19 1/8"
2	11 7/8" x 6 3/4"	13 1/2"
1	8 5/8" x 7 5/8"	7 7/8"



BUILT-IN PLASTER FLANGE INSTALLATION

Accessories

Catalog No.	Description
HB-TL [2]	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52 [2]	52" C-Channel Bar Hangers, Pair
HB-28 [2]	28" C-Channel Bar Hangers, Pair
LB-27 [2]	27" Linear Bar Hangers, Pair

[2]Bar hangers required for remote transformer mounting. (2 and 3 LT fixtures only.)

Multi-Lamp | **Designer Cove™**

PAR20/30/38 Halogen Fixture Open Aperture with White Trim Flange

Description

PAR incandescent lamps provide "instant on" and great color rendering in an economical package to highlight merchandise and art.

Features

- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 45° tilt and 355° rotation; adjustable yoke
- Open design facilitates narrow ceiling cutout
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Mounting brackets are heavy gauge galvanized steel
- Housing is cold rolled steel, black or white
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

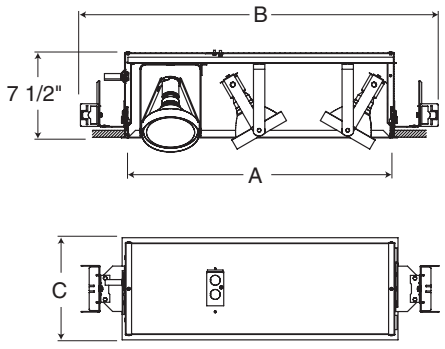
Ordering Information Ordering Example: **DC201-BL-F**

Catalog No.	Description	Interior Finish	Options
DC201	1 Lamp: 50W PAR20, 120V Input	**WH**-White	**277**[1]-277 Volt
DC202	2 Lamp: 50W PAR20, 120V Input	**BL**-Black	**F**-Fuse and Fuse Holder
DC203	3 Lamp: 50W PAR20, 120V Input		**CP**-Chicago Plenum[2]
DC301	1 Lamp: 50-75W PAR30, 120V Input		
DC302	2 Lamp: 50-75W PAR30, 120V Input		
DC303	3 Lamp: 50-75W PAR30, 120V Input		
DC381	1 Lamp: 45-150W PAR38, 120V Input		
DC382	2 Lamp: 45-150W PAR38, 120V Input		
DC383	3 Lamp: 45-150W PAR38, 120V Input		

[1]For 277V, single remote magnetic transformer controls all lamps; mounts with bar hangers.

[2]Consult factory for availability.

Dimensions



# of Lamps	Lamp Type	Ceiling Cutout	A	B	C
3	PAR20/30	23 3/4" x 7 1/4"	23 5/8"	31 1/2"	8"
	PAR38	23 3/4" x 8 1/4"	23 5/8"	31 1/2"	9"
2	PAR20/30	13 3/8" x 7 1/4"	13 1/4"	21 1/8"	8"
	PAR38	15 7/8" x 8 1/4"	15 3/4"	23 5/8"	9"
1	PAR20/30	7 1/4" x 7 1/4"	7 1/8"	15"	8"
	PAR38	8 1/4" x 8 1/4"	8 1/8"	16"	9"

Accessories

Catalog No.	Description
HB-TL [3]	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52 [3]	52" C-Channel Bar Hangers, Pair
HB-28 [3]	28" C-Channel Bar Hangers, Pair
LB-27 [3]	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

[3]Two pairs of bar hangers required with 277V or option; one for remote transformer mounting, one for fixture mounting.

Multi-Lamp | **Designer Cove™**
PAR20/30/38 Halogen Fixture Open Aperture, Trimless

Description
PAR incandescent lamps provide "instant on" and great color rendering in an economical package to highlight merchandise and art.

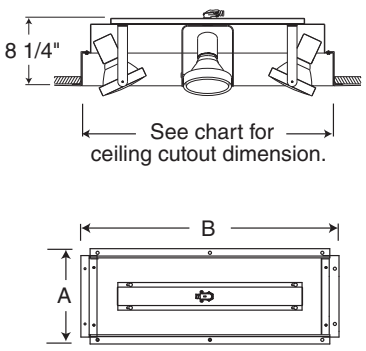
Features
- Universal housing design installs in plaster, or drywall ceilings
- Up to 45° tilt and 355° rotation; adjustable yoke
- Open design facilitates narrow ceiling cutout
- Medium base heavy duty porcelain socket with spring loaded center contact and nickel-plated brass screw shell
- Housing is cold rolled steel, black or white
- Built-in plaster flange made of heavy gauge aluminum is framed into ceiling using drywall screws (provided) and preserves a trimless design
- UL/C-UL Listed for damp locations

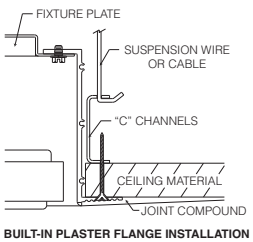
Ordering Information Ordering Example: **DC201-NT-BL-F**

Catalog No.	Description	Interior Finish	Options
DC201-NT	1 Lamp: 50W PAR20, 120V Input	**WH**-White	**277**[1]-277 Volt
DC202-NT	2 Lamp: 50W PAR20, 120V Input	**BL**-Black	**F**-Fuse and Fuse Holder
DC203-NT	3 Lamp: 50W PAR20, 120V Input		**CP**-Chicago Plenum[2]
DC301-NT	1 Lamp: 50-75W PAR30, 120V Input		
DC302-NT	2 Lamp: 50-75W PAR30, 120V Input		
DC303-NT	3 Lamp: 50-75W PAR30, 120V Input		
DC381-NT	1 Lamp: 45-150W PAR38, 120V Input		
DC382-NT	2 Lamp: 45-150W PAR38, 120V Input		
DC383-NT	3 Lamp: 45-150W PAR38, 120V Input		

[1]For 277V option, single remote magnetic transformer controls all lamps; mounts with bar hangers.
[2]Consult factory for availability.

Dimensions





BUILT-IN PLASTER FLANGE INSTALLATION

# of Lamps	Lamp Type	Ceiling Cutout	A	B
3	PAR20	21 1/8" x 7 3/8"	8 3/4"	23 1/8"
	PAR30/38	26" x 9"	10 3/8"	28"
2	PAR20	14 1/4" x 7 3/8"	8 3/4"	16"
	PAR30/38	17 1/2" x 9"	10 3/8"	19 1/4"
1	PAR20	8 7/8" x 7 3/8"	8 3/4"	6 3/4"
	PAR30/38	8 7/8" x 9"	10 3/8"	8 3/8"

Accessories

Catalog No.	Description
HB-TL [3]	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52 [3]	52" C-Channel Bar Hangers, Pair
HB-28 [3]	28" C-Channel Bar Hangers, Pair
LB-27 [3]	27" Linear Bar Hangers, Pair

[3]Bar hangers required with 277V option; for remote transformer mounting.

indy™

LED | Multi-Spot®

600 Lumens LED Multi-Lamp Recessed Adjustables

Description

Multi-lamp LED fixture provides dazzle to displays, merchandise, and art with a wide array of optical accessories.

Features

- Lumileds LUXEON Rebel LEDs provide outstanding reliability, performance and color quality/consistency
- 2700K, 3000K or 4100K white phosphor high performance LEDs
- 120V dimming standard, operates with most reverse phase controllers
- Universal driver accommodates 120 to 277 input volts AC at 50/60Hz • Power factor >0.9 • Easily replaceable from below or above the ceiling
- Rated for 50,000 hours at 70% lumen maintenance
- Aluminum die cast housing is removable for ease of maintenance and provides interchangeability of beam distributions and color temperatures
- 45° vertical aiming capability and 360° horizontal rotation
- Heavy gauge steel
- Universal housing design installs in suspended grid, plaster or drywall
- Mounting brackets have 2.5" vertical adjustment and accept proprietary Tru-Lock bar hangers, 1-1/2" C-channel and flat linear bars (order as accessories) or 1-½" EMT, ¾" and 1-½" lathing channel (by others)
- UL listed for dry/damp locations

Ordering Information

Ordering Example: 1-Lamp – **MSS16-N-0630-BL1**
2-Lamp – **MSS16-FF-0627-WH1**
3-Lamp – **MSS16-SNS-0640-BL1**

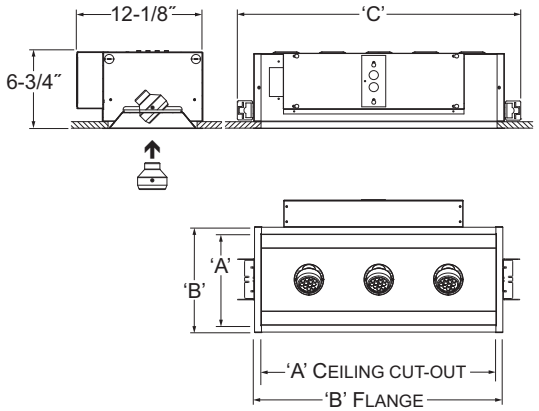
Catalog No.	Beam Spread *one per lamp*[1]	Lumens	Color Temp	Finish	Generation	Options
MSS16 1, 2 & 3-Lamp LED Multi-Spot MR16 Size	**S**-Spot (10°) **N**-Narrow Flood (27°) **F**-Flood (40°)	**06**-600 Lumens	**27**-2700K **30**-3000K **40**-4100K	**WH**-White **BL**-Black	**1**	**347**-347 Volt[2] *****F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[2]

[1]See ordering examples for 1-, 2-, and 3-lamp units.

[2]Consult factory for availability.

See specification sheets for details on ordering rough-ins and heads separately.

Dimensions



# of Heads	Ceiling Cut-out 'A'	Dim. 'B'	Dim. 'C'
1	8-1/2″ x 8-5/8″	9-1/2″ x 9-5/8″	12-7/8″
2	8-1/2″ x 13-5/8″	9-1/2″ x 14-5/8″	16″
3	8-1/2″ x 22-5/8″	9-1/2″ x 23-5/8	23-1/8″

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T7459BL	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T741	Medium Pink Color Filter
T742	Warm Red Color Filter
T743	Daylight Blue Color Filter
T744	Medium Blue Color Filter
T745	Medium Amber Color Filter
T746	Green Color Filter
T7477	Prismatic Spread Lens
T7478	Linear Spread Lens
T7421	Uniformity Lens

indy™

LED | Multi-Spot®

1000/2000 Lumens LED Multi-Lamp Recessed Adjustables

Description

Multi-lamp LED fixture provides dazzle to displays, merchandise, and art with a wide array of optical accessories.

Features

- Lumileds LUXEON Rebel LEDs provide outstanding reliability, performance and color quality/consistency
- 2700K, 3000K, 3500K or 4100K white phosphor high performance LEDs
- 120V dimming standard, operates with most reverse phase controllers
- Universal driver accommodates 120 to 277 input volts AC at 50/60Hz • Power factor >0.9 • Easily replaceable from below or above the ceiling
- Rated for 50,000 hours at 70% lumen maintenance
- Aluminum die cast housing is removable for ease of maintenance and provides interchangeability of beam distributions and color temperatures
- 40° vertical aiming capability and 360° horizontal rotation
- Heavy gauge steel
- Universal housing design installs in suspended grid, plaster or drywall
- Mounting brackets have 2.5" vertical adjustment and accept proprietary Tru-Lock bar hangers, 1-1/2" C-channel and flat linear bars (order as accessories) or 1-½" EMT, ¾" and 1-½" lathing channel (by others)
- UL listed for dry/damp locations • ENERGY STAR® Qualified

Ordering Information

Ordering Example: 1-Lamp – **MSS30-N-1030-BL2**
2-Lamp – **MSS30-FF-1027-WH2**
3-Lamp – **MSS30-SNS-1040-BL2**

Catalog No.	Beam Spread *one per lamp*[1]	Lumens	Color Temp	Voltage	Finish	Generation	Options
MSS30 1, 2 & 3-Lamp LED Multi-Spot PAR30 Size	**S**-Spot (10°) **N**-Narrow Flood (27°) **F**-Flood (40°)	**10**†-1000 Lumens **20**-2000 Lumens	**27**-2700K **30**-3000K **35**-3500K **40**-4100K	**1**-120V **2**-277V **3**-347V	**WH**-White **BL**-Black	**2**	***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[2]

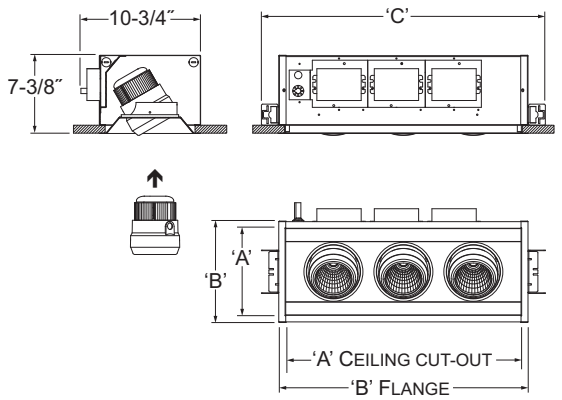
[1]See ordering examples for 1-, 2-, and 3-lamp units.

[2]Consult factory for availability.

†ENERGY STAR® Qualified

See specification sheets for details on ordering rough-ins and heads separately.

Dimensions



# of Heads	Ceiling Cut-out 'A'	Dim. 'B'	Dim. 'C'
1	8-1/2″ x 8-5/8″	9-1/2″ x 9-5/8″	12-7/8″
2	8-1/2″ x 13-5/8″	9-1/2″ x 14-5/8″	16″
3	8-1/2″ x 22-5/8″	9-1/2″ x 23-5/8	23-1/8″

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T569BL [3]	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T561 [3]	Medium Pink Color Filter
T562 [3]	Warm Red Color Filter
T563 [3]	Daylight Blue Color Filter
T564 [3]	Medium Blue Color Filter
T565 [3]	Medium Amber Color Filter
T566 [3]	Green Color Filter
T5677 [4]	Prismatic Spread Lens
T5678 [4]	Linear Spread Lens
T5618 [4]	Color Correction Lens/UV Filter
T5621 [4]	Uniformity Lens
T5623 [4]	High Output Uniformity Lens

[3]Not for use with Chicago Plenum or 347V.

[4]Not for use with snoot or any other accessories.

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LED | Multi-Spot®

2000 Lumen LED Multi-Lamp Retro Fit Recessed Adjustables

Description

Multi-lamp LED Retro Fit kit provides dazzle to displays, merchandise, and art. Available in 1-, 2-, and 3-lamp designs

Features

- Kit includes: Complete LED head, driver plate with pre-wired drivers, access doors with thermal protectors and wire assemblies with quick connects
- High output LED arrays provide outstanding reliability, performance and color quality/consistency
- 2700K, 3000K, 3500K or 4100K color temperatures
- Dimmable via 0-10V protocol, increasing efficiency up to 30% whilw dimming
- Universal driver accommodates 120 to 277 input volts AC at 50/60Hz • Power factor >0.9 • Easily replaceable from below or above the ceiling
- Rated for 50,000 hours at 70% lumen maintenance
- Cast aluminum housing is removable for ease of maintenance and provides interchangeability of beam distributions and color temperatures
- 40° vertical aiming capability and 360° horizontal rotation
- UL listed for dry/damp locations

Ordering Information

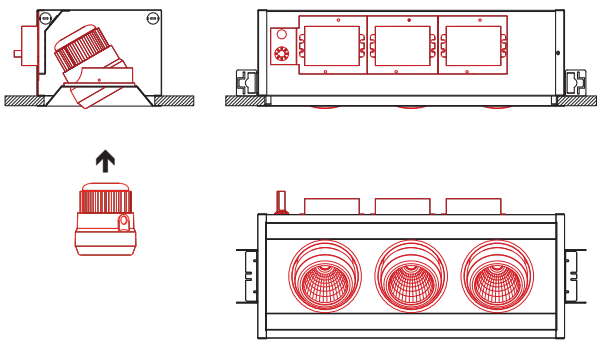
Ordering Example: 1-Lamp – **MSSRT30-N-2030-BL2**
2-Lamp – **MSSRT30-FF-2027-WH2**
3-Lamp – **MSSRT30-SNS-2040-BL2**

Catalog No.	Beam Spread *one per lamp*[1]	Lumens	Color Temp	Finish	Generation	Options
MSSRT30 1, 2 & 3-Lamp LED Multi-Spot PAR30 Size	**S**-Spot (10°) **N**-Narrow Flood (27°) **F**-Flood (40°)	**20**-2000 Lumens	**27**-2700K **30**-3000K **35**-3500K **40**-4100K	**WH**-White **BL**-Black	**2**	***F**-Fuse and Fuse Holder (where *** = voltage) **347**-347 Volt[2]

[1]See ordering examples for 1-, 2-, and 3-lamp units.

[2]Consult factory for availability.

Dimensions



Retro Fit Components in RED

Accessories

Catalog No.	Description
1086BK [3]	Black Snoot
1086WH [3]	White Snoot
T569BL [3]	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T561 [3]	Medium Pink Color Filter
T562 [3]	Warm Red Color Filter
T563 [3]	Daylight Blue Color Filter
T564 [3]	Medium Blue Color Filter
T565 [3]	Medium Amber Color Filter
T566 [3]	Green Color Filter
T5677 [4]	Prismatic Spread Lens
T5678 [4]	Linear Spread Lens
T5621 [4]	Uniformity Lens
T5623 [4]	High Output Uniformity Lens

[3]Not for use with 347V.

[4]Not for use with snoot or any other accessories.

Multi-Lamp | **Multi-Spot®**
T4 CMH Multi-Lamp Recessed Adjustables

Description
Multi-lamp CMH fixture provides dazzle to displays, merchandise, and art with a wide array of optical accessories.

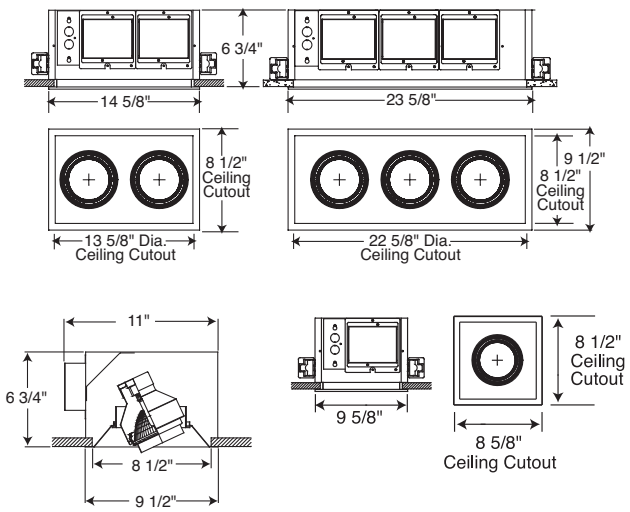
Features
- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 34° tilt (45° if snoot is not used) and 360° rotation
- Lamp Holder: T4/T4.5 – G8.5 bi-pin socket base with recessed female contacts • T4 Mini – Twist and lock GU6.5 base • BT5 – Twist and lock PGJ5 base
- Each lampholder is individually aimable
- Integral accessory holder and metal snoot for improved lamp shielding; can be combined with accessory louver and/or accessory color filters
- Wireway access cover speeds electrical installation
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for through-branch wiring, damp locations, and IP

Ordering Information
Ordering Example: 1-Lamp – **MSBT-N-20H1-BL**
2-Lamp – **MSBT-SS-20H1-BL**
3-Lamp – **MSBT-FSF-20H1-BL**

Catalog No.	Beam Spread *one per lamp*[1]	Wattage/Lamp	Finish	Options
MST4 T4/4.5 MH Lamp G8.5 base **MSTM**[3] T4 Mini MH Lamp GU6.5 base **MSBT**[4] BT5 MH Lamp PGJ5 base	**S**-Spot (10°) **N**-Narrow Flood (27°) **F**-Flood (40°)	**20H**-20W T4 Mini, T4/4.5 MH lamp, 120/277V Electronic Ballast **20H1**-20W BT5 lamp, 120V Electronic Ballast, MSBT only **39H**-39W T4 Mini, T4/4.5 MH lamp, 120/277V Electronic Ballast **70H**-70W T4/4.5 MH lamp, 120/277V Electronic Ballast	**WH**-White **BL**-Black	**347**-347 Volt[2] ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[2]

[1]See ordering examples for 1-, 2-, and 3-lamp units.
[2]Consult factory for availability.
[3]GE Mini T4.
[4]Philips Mini MasterColor® CDM-Tm.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T569BL	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T561	Pink Color Filter
T562	Red Color Filter
T563	Light Blue Color Filter
T564	Medium Blue Color Filter
T565	Medium Amber Color Filter
T566	Green Color Filter
T5677	Prismatic Spread Lens
T5678	Linear Spread Lens
T5619	Color Correction Lens/UV Filter
T5622	UV Filter

Multi-Lamp | **Multi-Spot®**
T6/T4.5 CMH Multi-Lamp Recessed Adjustables

Description
Multi-lamp CMH fixture provides dazzle to displays, merchandise, and art with a wide array of optical accessories.

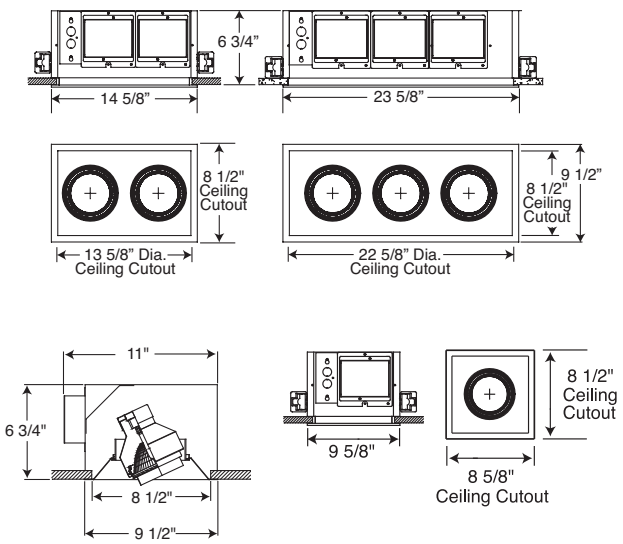
Features
- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 34° tilt (45° if snoot is not used) and 360° rotation
- Lamp Holder: G12 socket base with recessed female contacts • 660W, 600V rated for 5KV pulse
- Each lampholder is individually aimable
- Integral accessory holder and metal snoot for improved lamp shielding; can be combined with accessory louver and/or accessory color filters
- Wireway access cover speeds electrical installation
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for through-branch wiring, damp locations, and IP

Ordering Information
Ordering Example: 1-Lamp – **MST6-N-70H1-BL**
2-Lamp – **MST6-SS-70H1-BL**
3-Lamp – **MST6-FSF-70H1-BL**

Catalog No.	Beam Spread *one per lamp*[1]	Wattage/Lamp	Finish	Options
MST6 T6/T4.5 MH Lamp G12 base	**S**-Spot (10°) **N**-Narrow Flood (27°) **F**-Flood (40°)	**20H**-20W T4.5 MH lamp, 120/277V Electronic Ballast **39H**-39W T6 MH lamp, 120/277V Electronic Ballast **70H**-70W T6 MH lamp, 120/277V Electronic Ballast	**WH**-White **BL**-Black	**347**-347 Volt[2] ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum[2]

[1]See ordering examples for 1-, 2-, and 3-lamp units.
[2]Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T569BL	Louver-3 3/4" Dia. With 1/2 Sq. Cells
T561	Pink Color Filter
T562	Red Color Filter
T563	Light Blue Color Filter
T564	Medium Blue Color Filter
T565	Medium Amber Color Filter
T566	Green Color Filter
T5677	Prismatic Spread Lens
T5678	Linear Spread Lens
T5619	Color Correction Lens/UV Filter
T5622	UV Filter

Multi-Lamp | **Multi-Spot®**
MR16 CMH Multi-Lamp Recessed Adjustables

Description
Multi-lamp CMH fixture provides dazzle to displays, merchandise, and art with a wide array of optical accessories.

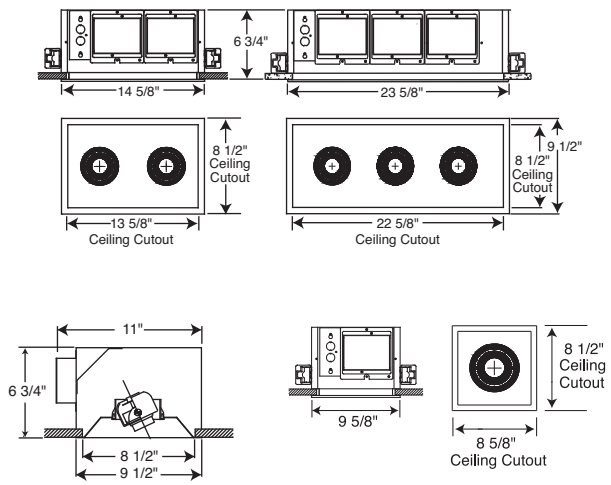
Features
- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 34° tilt (45° if snoot is not used) and 360° rotation
- GX10 twist and lock base
- Each lampholder is individually aimable
- Integral accessory holder and metal snoot for improved lamp shielding; can be combined with accessory louver and/or accessory color filters
- Wireway access cover speeds electrical installation
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for through-branch wiring, damp locations, and IP

Ordering Information Ordering Example: **MS163-20H-BL**

Catalog No.	Description	Interior Finish	Options
MS161-20H	1 Lamp: 20W MR16 lamp, 120/277V Electronic Ballast	**WH**-White	**347**-347 Volt[1]
MS162-20H	2 Lamp: 20W MR16 lamp, 120/277V Electronic Ballast	**BL**-Black	***F**-Fuse and Fuse Holder (where *** = voltage)
MS163-20H	3 Lamp: 20W MR16 lamp, 120/277V Electronic Ballast		**CP**-Chicago Plenum[1]
MS161-39H	1 Lamp: 39W MR16 lamp, 120/277V Electronic Ballast		
MS162-39H	2 Lamp: 39W MR16 lamp, 120/277V Electronic Ballast		
MS163-39H	3 Lamp: 39W MR16 lamp, 120/277V Electronic Ballast		

[1]Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T551	Med. Pink Color Filter
T553	Med. Blue Color Filter
T555	Med. Amber Color Filter
T5501	Red Dichroic Lens
T5503	Med. Green Dichroic Lens
T5504	Med. Blue Dichroic Lens
T5505	Yellow Dichroic Lens
T5506	Magenta Dichroic Lens
T5511	Blue-Green Dichroic Lens
T5516	Daylight Blue Correction Lens
T5518	Cosmetic Peach Correction Lens
T557	Prismatic Lens
T559	Linear Spread Lens
T5520	Diffuse Spread Lens
T5521	Uniformity Lens
T5522	UV Filter Lens
T5559BL	Hexcell Louver

Multi-Lamp | **Multi-Spot®**
PAR30 CMH Fixture Closed Pan with White Trim Flange

Description
Metal halide PAR lamps combine energy efficiency with punch to illuminate merchandise, displays, and art.

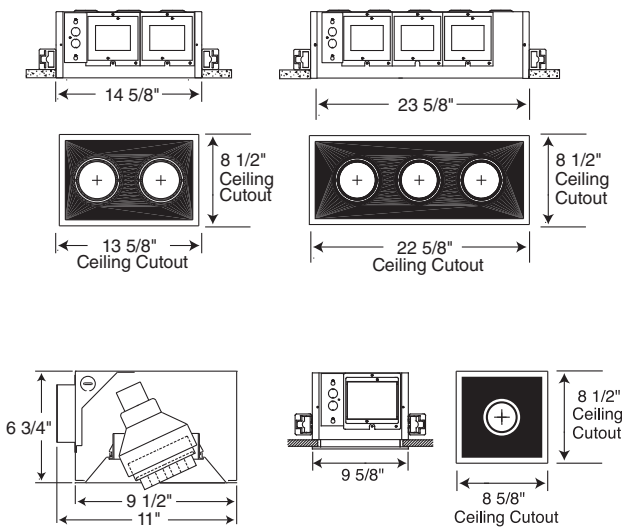
Features
- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 34° tilt (45° without snoot); 360° rotation
- Integral snoot for improved lamp shielding
- Black or white clutter-free closed pan appearance
- Integral accessory holder accepts a variety of optical accessories
- Wireway access cover speeds electrical installation
- Integral ballasts, electronic, 120/277 Volt, HPF; one per lamp
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information Ordering Example: **MS302-39EMH-WH-120F**

Catalog No.	Description	Interior Finish	Options
MS301-39EMH[1]	1 Lamp: 39W PAR30L MH, 120/277V Electronic Ballasts	**WH**-White	**347**-347 Volt[2]
MS302-39EMH[1]	2 Lamp: 39W PAR30L MH, 120/277V Electronic Ballasts	**BL**-Black	***F**-Fuse and Fuse Holder (where *** = voltage)
MS303-39EMH[1]	3 Lamp: 39W PAR30L MH, 120/277V Electronic Ballasts		**CP**-Chicago Plenum[2]
MS301-70EMH[1]	1 Lamp: 70W PAR30L MH, 120/277V Electronic Ballasts		
MS302-70EMH[1]	2 Lamp: 70W PAR30L MH, 120/277V Electronic Ballasts		
MS303-70EMH[1]	3 Lamp: 70W PAR30L MH, 120/277V Electronic Ballasts		

[1]Two optical accessories maximum.
[2]Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T561[3]	Med. Pink Color Filter
T562[3]	Warm Red Color Filter
T563[3]	Daylight Blue Color Filter
T564[3]	Med. Blue Color Filter
T565[3]	Med. Amber Color Filter
T566[3]	Med. Green Color Filter
T5618[3]	Cosmetic Peach Correction Lens
T5619[3]	2700K Color Correction Lens
T5621[3]	Uniformity Lens
T5622[3]	UV Filter
T5677[3]	Prismatic Spread Lens
T5678[3]	Linear Spread Lens
HB-4	Bar Hanger conversion kit for wooden joists

[3]Two optical accessories maximum.

Multi-Lamp | **Multi-Spot®**

ED17 CMH Fixture Adjustable Wall Wash with White Trim Flange & Lens

Description

Metal halide ED17 wall wash provides horizontally lamped units to preserve uniformity at wide fixture spacings.

Features

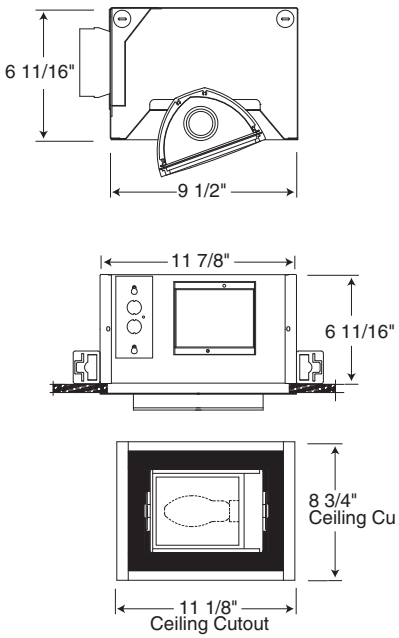
- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- 35° tilt
- Extruded aluminum lamp housing with die cast aluminum end caps and lens holder
- Uniformity glass lens included with the fixture
- Medium base heavy duty 4kV porcelain socket with nickel-plated brass screw shell
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

Ordering Information Ordering Example: **MS120-70EMH-SL-120F**

Catalog No.	Description	Interior Finish	Options
MS120-70EMH	1 Lamp: 70W ED17 MH, 120/277V Electronic Ballast	**WH**-White	**347**-347 Volt[1]
MS120-100EMH	1 Lamp: 100W ED17 MH, 120/277V Electronic Ballast	**BL**-Black	***F**-Fuse and Fuse Holder
			SL-Silver (where *** = voltage)
			CP-Chicago Plenum[1]

[1]Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
TMR60BL	Black Vertical Louver

Multi-Lamp | **MS257**
T4 CMH Wall Wash Multi-Spots® Adjustable Wall Wash

Description
Metal halide wall wash with one T4, T4 Mini or BT5 lamp provides horizontally lamped units to preserve uniformity at wide fixture spacings.

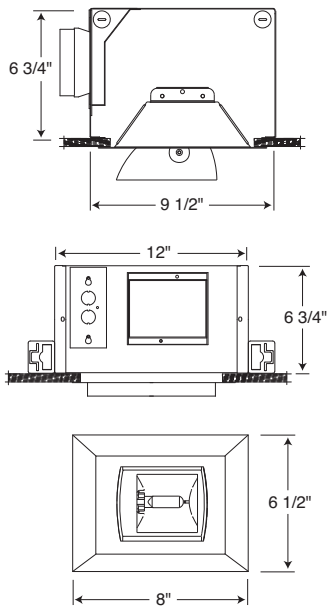
Features
- 35° vertical aiming capability
- Extruded aluminum lamp housing with die cast aluminum end caps and lens holder
- Clear glass lens included with the fixture
- Lamp Holder: T4/4.5 - G8.5 bi-pin socket base with recessed female contacts; 1A, 750V, rated for 5KV pulse • T4 Mini - Twist and lock GU6.5 base; 2A, 250V rated for 5KV pulse • BT5 - Twist and lock PGJ5 base; 2A. 250V rated for 2.5V pulse
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" and 1 1/2" C-channel and linear bars
- UL Listed for feed through and damp locations
- CSA Certified

Ordering Information Ordering Example: **MS257BT-20H-BL**

Catalog No.	Description	Finish	Options
MS257 T4/T4.5 MH Lamp G8.5 base **MS257TM**[1] T4 Mini MH Lamp GU6.5 base **MS257BT**[2] BT5 MH Lamp PGJ5 base	**20H**-20W T4 Mini, T4/4.5 MH lamp, 120/277V Electronic Ballast **20H1**-20W BT5 lamp, 120V Electronic Ballast, DCBT only **39H**-39W T4 Mini, T4/4.5 MH lamp, 120/277V Electronic Ballast **70H**-70W T4/4.5 MH lamp 120/277V Electronic Ballast	**WH**-White **BL**-Black	**347**-347 Volt† ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum† **UG**-Uniformity Glass Lens

[1]GE Mini T4
[2]Philips Mini MasterColor® CDM-Tm
†Consult factory for availability.

Dimensions



DRYWALL CEILING CUTOUT: 7¼" X 6"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

Multi-Lamp | **MS124**
T4 CMH Wall Wash Multi-Spots® Adjustable Wall Wash

Description
Metal halide wall wash with one 20/39/70W T4/T4.5 G8.5 base ceramic lamp provides horizontally lamped units to preserve uniformity at wide fixture spacings.

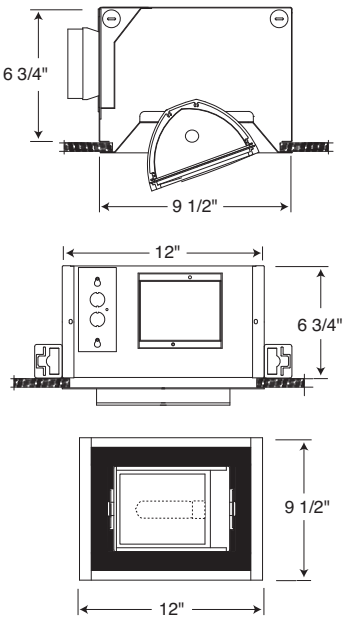
Features
- 35° vertical aiming capability
- Extruded aluminum lamp housing with die cast aluminum end caps and lens holder
- Uniformity glass lens included with the fixture
- Lamp Holder: G8.5 bi-pin base • 4KV pulse-rated with nickel-plated screw shell
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" and 1 1/2" C-channel and linear bars
- UL Listed for feed through and damp locations
- CSA Certified

Ordering Information Ordering Example: **MS124-20H-BL**

Catalog No.	Description	Finish	Options
MS124 T4/T4.5 MH Lamp G8.5 base	**20H**-20W, 120V/277V Electronic Ballast **39H**-39W, 120V/277V Electronic Ballast **70H**-70W, 120V/277V Electronic Ballast	**WH**-White **BL**-Black	**347**-347 Volt† *****F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum†

†Consult factory for availability.

Dimensions



DRYWALL CEILING CUTOUT: 11 1/8" X 8 3/4"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
TMR60BL	Black Vertical Louver

Multi-Lamp | **MS256**
T6/T4.5 CMH Wall Wash Multi-Spots® Adjustable Wall Wash

Description
Metal halide wall wash with one 20/39/70/150W T6/T4.5 G12 base ceramic lamp provides horizontally lamped units to preserve uniformity at wide fixture spacings.

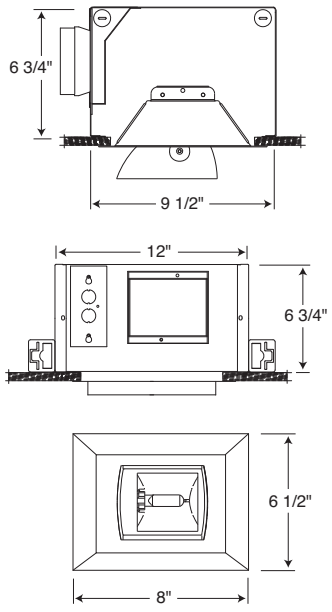
Features
- 35° vertical aiming capability
- Extruded aluminum lamp housing with die cast aluminum end caps and lens holder
- Clear glass lens included with the fixture
- Lamp Holder: G12 bi-pin base • 4KV pulse-rated with nickel-plated copper screw shell
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" and 1 1/2" C-channel and linear bars
- UL Listed for feed through and damp locations
- CSA Certified

Ordering Information Ordering Example: **MS256-20H-BL**

Catalog No.	Description	Finish	Options
MS256 T6/T4.5 MH Lamp G12 base	**20H-**20W, 120V/277V Electronic Ballast **39H-**39W, 120V/277V Electronic Ballast **70H-**70W, 120V/277V Electronic Ballast **150H1-**150W, 120V Electronic Ballast **150H2-**150W, 277V Electronic Ballast	**WH**-White **BL**-Black	**347**-347 Volt† *****F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum† **UG**-Uniformity Glass Lens

†Consult factory for availability.

Dimensions



DRYWALL CEILING CUTOUT: 7¼˝ X 6˝

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

Multi-Lamp | **MS122**
T6/T4.5 Wall Wash Multi-Spots® Adjustable Wall Wash

Description
Metal halide wall wash with one 20/39/70/150W T6/T4.5 G12 base ceramic lamp provides horizontally lamped units to preserve uniformity at wide fixture spacings.

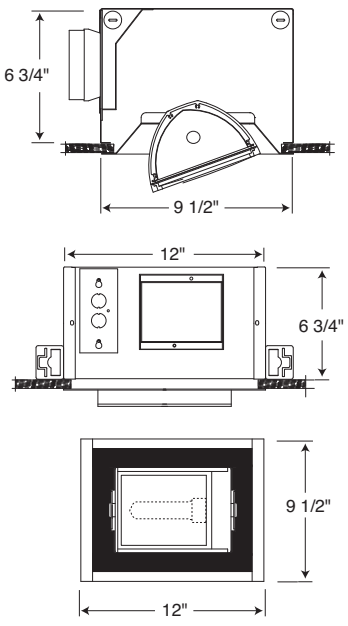
Features
- 35° vertical aiming capability
- Extruded aluminum lamp housing with die cast aluminum end caps and lens holder
- Uniformity glass lens included with the fixture
- Lamp Holder: G12 bi-pin base • 4KV pulse-rated with nickel-plated copper screw shell
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" and 1 1/2" C-channel and linear bars
- UL Listed for feed through and damp locations
- CSA Certified

Ordering Information Ordering Example: **MS122-20H-BL**

Catalog No.	Description	Finish	Options
MS122 T6/T4.5 MH Lamp G12 base	**20H**-20W, 120V/277V Electronic Ballast **39H**-39W, 120V/277V Electronic Ballast **70H**-70W, 120V/277V Electronic Ballast **150H1**-150W, 120V Electronic Ballast **150H2**-150W, 277V Electronic Ballast	**WH**-White **BL**-Black	**347**-347 Volt† ***F**-Fuse and Fuse Holder (where *** = voltage) **CP**-Chicago Plenum†

†Consult factory for availability.

Dimensions



DRYWALL CEILING CUTOUT: 11 1/8" X 8 3/4"

Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
TMR60BL	Black Vertical Louver

Multi-Lamp | **Multi-Spot®**
MR16 Low Voltage Fixture Closed Pan with White Trim Flange

Description
MR16 multi-lamp fixtures provide dazzle to displays, merchandise and art with a wide array of optical accessories.

Features
- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 45° tilt and 360° rotation
- Black or white clutter-free closed pan appearance with black lamp cartridge
- Removable lamp cartridge for simple relamping
- Lamp cartridge accepts a variety of optical accessories
- Single integral magnetic transformer controls all lamps; serviceable from above or below ceiling
- Wireway access cover speeds electrical installation
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

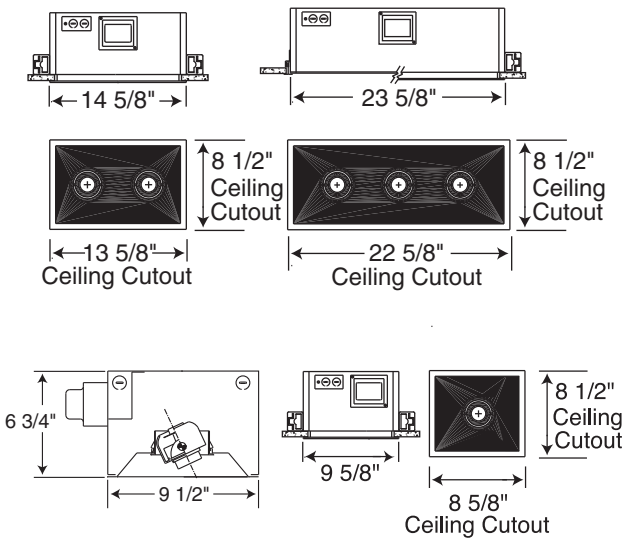
Ordering Information Ordering Example: **MS162-WH-F**

Catalog No.	Description	Interior Finish	Options
MS161[1]	1 Lamp: 12V, 50W MR16. 120V Input	**WH**-White	**277**-277 Volt
MS162[1]	2 Lamp: 12V, 50W MR16. 120V Input	**BL**-Black	**347**-347 Volt[2]
MS163[1]	3 Lamp: 12V, 50W MR16. 120V Input		**F**-Fuse and Fuse Holder
			CP-Chicago Plenum[2]

[1]Two optical accessories maximum.

[2]Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
T5559BL [3]	Hexcell Louver
T551 [3]	Med. Pink Color Filter
T553 [3]	Med. Blue Color Filter
T555 [3]	Med. Amber Color Filter
T5501 [3]	Red Dichroic Lens
T5503 [3]	Med. Green Dichroic Lens
T5504 [3]	Med. Blue Dichroic Lens
T5505 [3]	Yellow Dichroic Lens
T5506 [3]	Magenta Dichroic Lens
T5511 [3]	Blue-Green Dichroic Lens
T5516 [3]	Daylight Blue Correction Lens
T5518 [3]	Cosmetic Peach Correction Lens
T557 [3]	Prismatic Lens
T559 [3]	Linear Spread Lens
T5520 [3]	Diffuse Spread Lens
T5521 [3]	Uniformity Lens
T5522 [3]	UV Filter Lens
HB-4	Bar Hanger conversion kit for wooden joists

[3]Two optical accessories maximum.

Multi-Lamp | **Multi-Spot®**
PAR30 Halogen Fixture Closed Pan with White Trim Flange

Description
PAR incandescent lamps provide "instant on" and great color rendering in an economical package to highlight merchandise and art.

Features
- Universal housing design installs in suspended grid, plaster or drywall ceilings
- Up to 45° tilt and 360° rotation
- Black or white clutter-free closed pan appearance
- Baffled lampholder apertures for brightness control and aesthetics
- Easy below ceiling relamping without removal of individual accessories
- Wireway access cover speeds electrical installation
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- 3/4" max. ceiling thickness; consult factory for thicker ceilings
- UL/C-UL Listed for feed through and damp locations

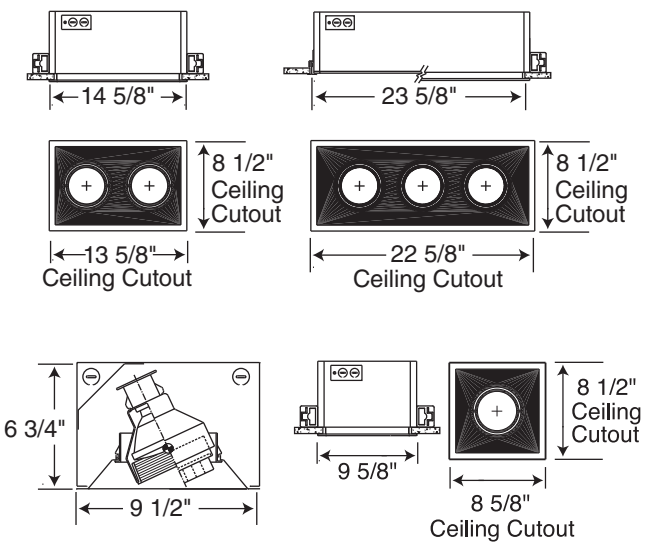
Ordering Information Ordering Example: **MS302-BL-F**

Catalog No.	Description	Interior Finish	Options
MS301[1]	1 Lamp: 75W PAR30. 120V Input	**WH**-White	**277**-277 Volt[2]
MS302[1]	2 Lamp: 75W PAR30. 120V Input	**BL**-Black	**F**-Fuse and Fuse Holder
MS303[1]	3 Lamp: 75W PAR30. 120V Input		**CP**-Chicago Plenum[2]

[1]Two optical accessories maximum.

[2]Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
MS570BL	PAR30 Accessory Holder (required for lenses, filters, and louvers)
T569BL [3]	Louver: 3 3/4" dia. with 1/2" square cells (reduces tilt adjustment to 34°)
T561 [3]	Med. Pink Color Filter
T562 [3]	Warm Red Color Filter
T563 [3]	Daylight Blue Color Filter
T564 [3]	Med. Blue Color Filter
T565 [3]	Med. Amber Color Filter
T566 [3]	Med. Green Color Filter
T5618 [3]	Cosmetic Peach Correction Lens
T5621 [3]	Uniformity Lens
T5622 [3]	UV Filter
T5677 [3]	Prismatic Spread Lens
T5678 [3]	Linear Spread Lens
HB-4	Bar Hanger conversion kit for wooden joists

[3]Two optical accessories maximum.

Multi-Lamp | **Multi-Spot®**
PAR38 Halogen Fixture Closed Pan with White Trim Flange

Description
The economy and punch of multiple 150-watt PAR38 halogen lamps can be used to spot or flood displays, merchandise and art.

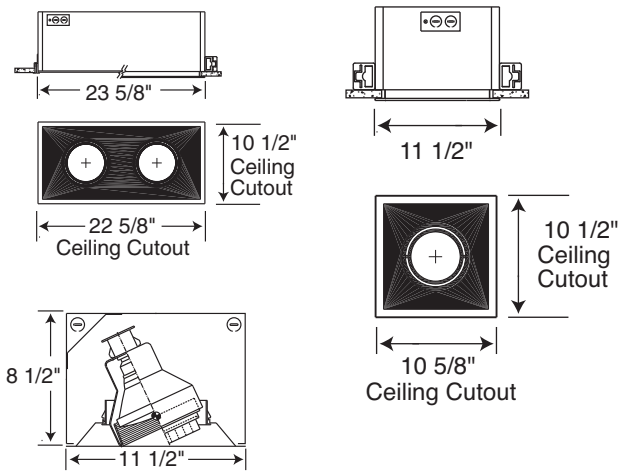
Features
- Universal housing design installs in suspended grid, plaster, or drywall ceilings
- Up to 45° tilt and 360° rotation
- Black or white clutter-free closed pan appearance
- Baffled lampholder apertures for brightness control and aesthetics
- Easy below ceiling relamping without removal of individual accessories
- Wireway access cover speeds electrical installation
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information Ordering Example: **MS382-BL-F**

Catalog No.	Description	Options
MS381-BL[1,2]	1 Lamp: 150W PAR38. 120V Input. Black Finish	**277**-277 Volt[3]
MS381-WH[1,2]	1 Lamp: 150W PAR38. 120V Input. White Finish	**F**-Fuse and Fuse Holder
MS382-BL[1,2]	2 Lamp: 150W PAR38. 120V Input. Black Finish	**CP**-Chicago Plenum[3]
MS382-WH[1,2]	2 Lamp: 150W PAR38. 120V Input. White Finish	

[1]Two optical accessories maximum.
[2]Use of optical accessories derates max wattage to 90 Watts.
[3]Consult factory for availability.

Dimensions



Accessories

Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
MS580BL	PAR38 Accessory Holder (required for lenses, filters, and louvers)
T579BL[1,2]	Louver: 4 3/4" dia. with 1/2" square cells
T571[1,2]	Med. Pink Color Filter
T572[1,2]	Warm Red Color Filter
T573[1,2]	Daylight Blue Color Filter
T574[1,2]	Med. Blue Color Filter
T575[1,2]	Med. Amber Color Filter
T576[1,2]	Med. Green Color Filter
T5718[1,2]	Cosmetic Peach Correction Lens
T5721[1,2]	Uniformity Lens
T5722[1,2]	UV Filter
T5777[1,2]	Prismatic Spread Lens
T5778[1,2]	Linear Spread Lens
HB-4	Bar Hanger conversion kit for wooden joists

[1]Two optical accessories maximum.
[2]Use of optical accessories derates max wattage to 90 Watts..

Multi-Lamp | **Multi-Spot®**
Compact Fluorescent Fixture Adjustable Wall Wash with White Trim Flange

Description
Compact fluorescents provide soft, uniform perimeter wall illumination by themselves or in combination with other MR or PAR lamp Multi-Spot fixtures.

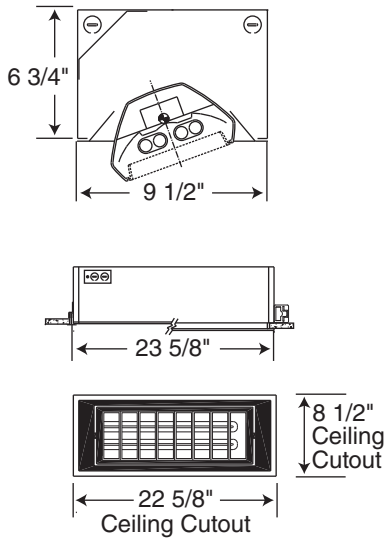
Features
- Universal housing design installs in suspended grid, plaster or drywall ceilings
- Recessed lamp has 20° adjustment to control the ceiling cutoff
- Black or white clutter-free closed pan appearance
- Black, white or specular clear louver for aperture brightness control; see accessories
- Wireway access cover speeds electrical installation
- Integral ballast: Electronic, 120 Volt, HPF
- Heavy gauge, white baked enamel trim flange conceals ceiling cutout
- Proprietary bar hanger system accommodates Tru-Lock bar hangers for suspended ceilings, 1/2" EMT, 3/4" & 1 1/2" C-channel and linear bars
- UL/C-UL Listed for feed through and damp locations

Ordering Information Ordering Example: **MS391E-BL-F**

Catalog No.	Description	Options
MS391E-BL	2 Lamp: FT36/39W/2G11. 120V Electronic Ballast. Black Finish	**277**-277 Volt
MS391E-WH	2 Lamp: FT36/39W/2G11. 120V Electronic Ballast. White Finish	**347**-347 Volt
		F-Fuse and Fuse Holder
		CP-Chicago Plenum[1]

[1]Consult factory for availability.

Dimensions



Accessories

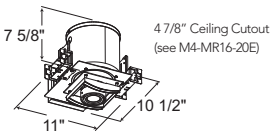
Catalog No.	Description
HB-TL	25" Tru-Lock Grid Ceiling Bar Hangers, Pair
HB-52	52" C-Channel Bar Hangers, Pair
HB-28	28" C-Channel Bar Hangers, Pair
LB-27	27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
SL39	Specular Clear Louver
BL39	Black Louver
WL39	White Louver

The AVIO® family of multi-lamp fixtures combines functionality and aesthetics into designs for trac, surface and recessed mountings. The AVIO fixture's precision, die cast frame with curved spanners creates a unique, consistent dropped visual plane of clustered lighting. The dual gimbal lamp mechanism allows full rotation and 45° aiming while the frame itself remains horizontal, creating a consistent appearance throughout the space. Specify the open-frame for a technical aesthetic or select the optional curved airfoil trims for a more sophisticated, sculptured look. The AVIO fixture's unique capabilities can transform the appearance of an interior. Trac-mounted AVIO fixtures can be found in the Juno Trac section.

AVIO™ Recessed MR16 CMH

Shown with Airfoil Trim Accessory (Order Separately)

Dimensions



Catalog No.	Description	Finish
XR16101-20H	1 Lamp: 20W MR16 lamp, 120/277V Electronic Ballast	WH-White BL-Black SL-Silver GP-Graphite
XR16101-39H	1 Lamp: 39W MR16 lamp, 120/277V Electronic Ballast	

Airfoil Trim Accessory

X16101	1-Lamp Unit	WH-White BL-Black SL-Silver GP-Graphite

Accessories

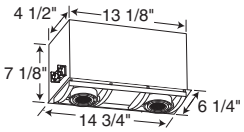
Catalog No.	Description
HB-TL	Two 25" Tru-Lock Bar Hangers, Pair
HB-28	Two 28" C-channel Bar Hangers, Pair
HB-52	Two 52" C-channel Bar Hangers, Pair
LB-27	Two 27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
T741	Med. Pink Color Filter
T743	Daylight Blue Color Filter
T744	Med. Blue Color Filter
T745	Med. Amber Color Filter
T7401	Red Dichroic Lens
T7403	Med. Green Dichroic Lens

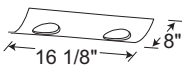
Catalog No.	Description
T7404	Med. Blue Dichroic Lens
T7405	Yellow Dichroic Lens
T7406	Magenta Dichroic Lens
T7411	Blue Green Dichroic Lens
T7416	Daylight Blue Correction Lens
T7418	Cosmetic Peach Correction Lens
T7477	Prismatic Lens
T7478	Linear Spread Lens
T7420	Diffuse Spread Lens
T7421	Uniformity Lens
T7422	UV Filter Lens
T7459BL	Hexcell Louver

AVIO™ Recessed MR16 CMH (continued)

Shown with Airfoil Trim Accessory (Order Separately)

Dimensions

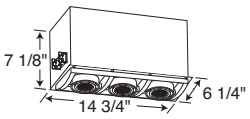


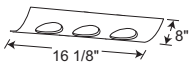


Catalog No.	Description	Finish
XR16201-20H	2 Lamp: 20W MR16 lamp, 120/277V Electronic Ballast	WH-White BL-Black
XR16201-39H	2 Lamp: 39W MR16 lamp, 120/277V Electronic Ballast	SL-Silver GP-Graphite
Airfoil Trim Accessory		
X16201	2-Lamp Unit	WH-White BL-Black SL-Silver GP-Graphite

Shown with Airfoil Trim Accessory (Order Separately)

Dimensions





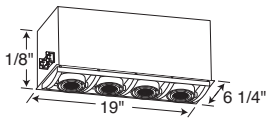
Catalog No.	Description	Finish
XR16301-20H	3 Lamp: 20W MR16 lamp, 120/277V Electronic Ballast	WH-White BL-Black
XR16301-39H	3 Lamp: 39W MR16 lamp, 120/277V Electronic Ballast	SL-Silver GP-Graphite
Airfoil Trim Accessory		
X16301	3-Lamp Unit	WH-White BL-Black SL-Silver GP-Graphite

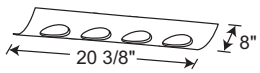
Accessories

Catalog No.	Description
HB-TL	Two 25" Tru-Lock Bar Hangers, Pair
HB-28	Two 28" C-channel Bar Hangers, Pair
HB-52	Two 52" C-channel Bar Hangers, Pair
LB-27	Two 27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists
T741	Med. Pink Color Filter
T743	Daylight Blue Color Filter
T744	Med. Blue Color Filter
T745	Med. Amber Color Filter
T7401	Red Dichroic Lens
T7403	Med. Green Dichroic Lens

Catalog No.	Description
T7404	Med. Blue Dichroic Lens
T7405	Yellow Dichroic Lens
T7406	Magenta Dichroic Lens
T7411	Blue Green Dichroic Lens
T7416	Daylight Blue Correction Lens
T7418	Cosmetic Peach Correction Lens
T7477	Prismatic Lens
T7478	Linear Spread Lens
T7420	Diffuse Spread Lens
T7421	Uniformity Lens
T7422	UV Filter Lens
T7459BL	Hexcell Louver

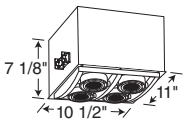
AVIO™ Recessed MR16 CMH (continued)

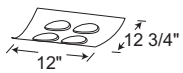




Shown with Airfoil Trim Accessory (Order Separately)

Catalog No.	Description	Finish
XR16401-20H	4 Lamp Linear: 20W MR16 lamp, 120/277V Electronic Ballast	WH-White BL-Black
XR16401-39H	4 Lamp Linear: 39W MR16 lamp, 120/277V Electronic Ballast	SL-Silver GP-Graphite
Airfoil Trim Accessory		
X16401	4-Lamp Linear	WH-White BL-Black SL-Silver GP-Graphite





Catalog No.	Description	Finish
XR16404-20H	4 Lamp Quad: 20W MR16 lamp, 120/277V Electronic Ballast	WH-White BL-Black
XR16404-39H	4 Lamp Quad: 39W MR16 lamp, 120/277V Electronic Ballast	SL-Silver GP-Graphite
Airfoil Trim Accessory		
X16404	4-Lamp Quad	WH-White BL-Black SL-Silver GP-Graphite

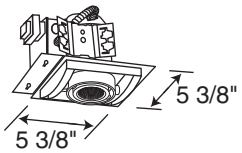
Accessories

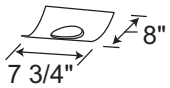
Catalog No.	Description	Catalog No.	Description
HB-TL	Two 25" Tru-Lock Bar Hangers, Pair	**T7404**	Med. Blue Dichroic Lens
HB-28	Two 28" C-channel Bar Hangers, Pair	**T7405**	Yellow Dichroic Lens
HB-52	Two 52" C-channel Bar Hangers, Pair	**T7406**	Magenta Dichroic Lens
LB-27	Two 27" Linear Bar Hangers, Pair	**T7411**	Blue Green Dichroic Lens
HB-4	Bar Hanger conversion kit for wooden joists	**T7416**	Daylight Blue Correction Lens
T741	Med. Pink Color Filter	**T7418**	Cosmetic Peach Correction Lens
T743	Daylight Blue Color Filter	**T7477**	Prismatic Lens
T744	Med. Blue Color Filter	**T7478**	Linear Spread Lens
T745	Med. Amber Color Filter	**T7420**	Diffuse Spread Lens
T7401	Red Dichroic Lens	**T7421**	Uniformity Lens
T7403	Med. Green Dichroic Lens	**T7422**	UV Filter Lens
		T7459BL	Hexcell Louver

AVIO™ Recessed MR16 Low Voltage

Shown with Airfoil Trim Accessory (Order Separately)

Dimensions





Catalog No.	Finish	Lamp
XR16101WH[1]	White	One 12V, 20-50W
XR16101BL[1]	Black	MR16
XR16101SL[1]	Silver	
XR16101GP[1]	Graphite	

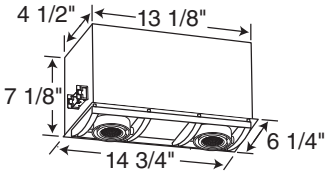
Airfoil Trim Accessory

X16101WH	White
X16101BL	Black
X16101SL	Silver
X16101GP	Graphite

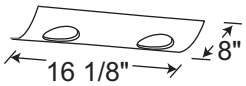
[1]This item must be combined with one of the following 4" Juno Recessed housings (ordered separately): TC44, TC44R, TC44V, IC44N, TC914, TC47, TC47V. Lamp rating increases to 75W Max. when used with TC47, TC47V.

Integral 12V Magnetic Transformer

Dimensions



Shown with Airfoil Trim Accessory (Order Separately)



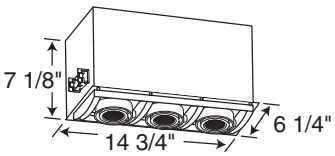
Catalog No.	Finish	Lamp
XR16201WH	White	Two 12V, 20-75W
XR16201BL	Black	MR16
XR16201SL	Silver	
XR16201GP	Graphite	

Airfoil Trim Accessory

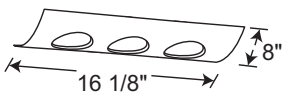
X16201WH	White
X16201BL	Black
X16201SL	Silver
X16201GP	Graphite

Integral 12V Magnetic Transformer

Dimensions



Shown with Airfoil Trim Accessory (Order Separately)



Catalog No.	Finish	Lamp
XR16301WH	White	Three 12V, 20-50W
XR16301BL	Black	MR16
XR16301SL	Silver	
XR16301GP	Graphite	

Airfoil Trim Accessory

X16301WH	White
X16301BL	Black
X16301SL	Silver
X16301GP	Graphite

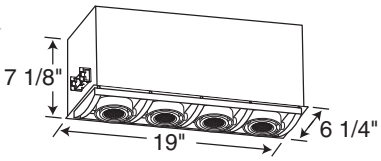
Accessories For use with XR16101, XR16201, XR16301, XR16401, XR16404

Catalog No.	Description	Catalog No.	Description
HB-TL	Two 25" Tru-Lock Bar Hangers, Pair	**T7404**	Med. Blue Dichroic Lens
HB-28	Two 28" C-channel Bar Hangers, Pair	**T7405**	Yellow Dichroic Lens
HB-52	Two 52" C-channel Bar Hangers, Pair	**T7406**	Magenta Dichroic Lens
LB-27	Two 27" Linear Bar Hangers, Pair	**T7411**	Blue Green Dichroic Lens
HB-4	Bar Hanger conversion kit for wooden joists	**T7416**	Daylight Blue Correction Lens
T741	Med. Pink Color Filter	**T7418**	Cosmetic Peach Correction Lens
T743	Daylight Blue Color Filter	**T7477**	Prismatic Lens
T744	Med. Blue Color Filter	**T7478**	Linear Spread Lens
T745	Med. Amber Color Filter	**T7420**	Diffuse Spread Lens
T7401	Red Dichroic Lens	**T7421**	Uniformity Lens
T7403	Med. Green Dichroic Lens	**T7422**	UV Filter Lens
		T7459BL	Hexcell Louver

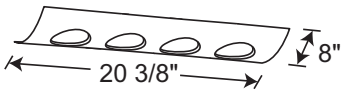
AVIO™ Recessed MR16 Low Voltage (continued)

Integral 12V
Magnetic Transformer

Dimensions



Shown with Airfoil Trim
Accessory (Order Separately)



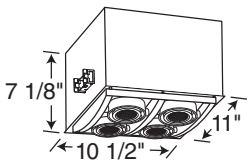
Catalog No.	Finish	Lamp
XR16401WH	White	Four 12V, 20-50W
XR16401BL	Black	MR16
XR16401SL	Silver	
XR16401GP	Graphite	

Airfoil Trim Accessory

X16401WH	White
X16401BL	Black
X16401SL	Silver
X16401GP	Graphite

Integral 12V Magnetic
Transformer

Dimensions



Shown with Airfoil Trim
Accessory (Order Separately)

Catalog No.	Finish	Lamp
XR16404WH	White	Four 12V, 20-50W
XR16404BL	Black	MR16
XR16404SL	Silver	
XR16404GP	Graphite	

Airfoil Trim Accessory

X16404WH	White
X16404BL	Black
X16404SL	Silver
X16404GP	Graphite

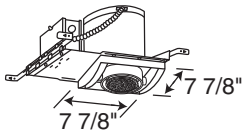
Accessories For use with XR16101, XR16201, XR16301, XR16401, XR16404

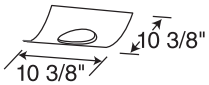
Catalog No.	Description	Catalog No.	Description
HB-TL	Two 25" Tru-Lock Bar Hangers, Pair	**T7404**	Med. Blue Dichroic Lens
HB-28	Two 28" C-channel Bar Hangers, Pair	**T7405**	Yellow Dichroic Lens
HB-52	Two 52" C-channel Bar Hangers, Pair	**T7406**	Magenta Dichroic Lens
LB-27	Two 27" Linear Bar Hangers, Pair	**T7411**	Blue Green Dichroic Lens
HB-4	Bar Hanger conversion kit for wooden joists	**T7416**	Daylight Blue Correction Lens
T741	Med. Pink Color Filter	**T7418**	Cosmetic Peach Correction Lens
T743	Daylight Blue Color Filter	**T7477**	Prismatic Lens
T744	Med. Blue Color Filter	**T7478**	Linear Spread Lens
T745	Med. Amber Color Filter	**T7420**	Diffuse Spread Lens
T7401	Red Dichroic Lens	**T7421**	Uniformity Lens
T7403	Med. Green Dichroic Lens	**T7422**	UV Filter Lens
		T7459BL	Hexcell Louver

AVIO™ Recessed PAR30 Halogen

Shown with Airfoil Trim Accessory (Order Separately)

Dimensions





Catalog No.	Finish	Lamp
XR30101WH[1]	White	One 50-75W PAR30
XR30101BL[1]	Black	
XR30101SL[1]	Silver	
XR30101GP[1]	Graphite	

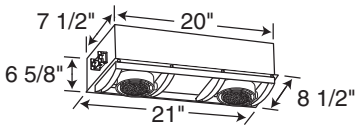
Airfoil Trim Accessory

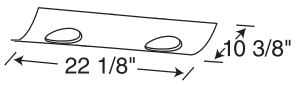
X30101WH	White
X30101BL	Black
X30101SL	Silver
X30101GP	Graphite

[1]This item must be combined with one of the following 6" Juno Recessed housings (ordered separately): TC2, TC2R, IC2, IC22, IC22R, IC21, IC21R, TC62, IC62. No accessory bar hanger required.

Shown with Airfoil Trim Accessory (Order Separately)

Dimensions





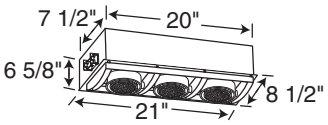
Catalog No.	Finish	Lamp
XR30201WH	White	Two 50-75W PAR30
XR30201BL	Black	
XR30201SL	Silver	
XR30201GP	Graphite	

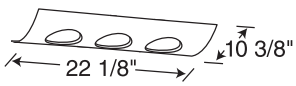
Airfoil Trim Accessory

X30201WH	White
X30201BL	Black
X30201SL	Silver
X30201GP	Graphite

Shown with Airfoil Trim Accessory (Order Separately)

Dimensions





Catalog No.	Finish	Lamp
XR30301WH	White	Three 50-75W PAR30
XR30301BL	Black	
XR30301SL	Silver	
XR30301GP	Graphite	

Airfoil Trim Accessory

X30301WH	White
X30301BL	Black
X30301SL	Silver
X30301GP	Graphite

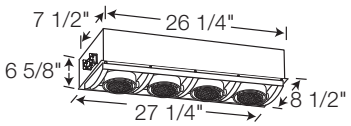
Accessories For use with XR30201, XR30301

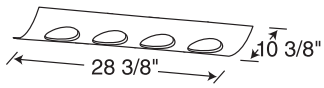
Catalog No.	Description
HB-TL	Two 25" Tru-Lock Bar Hangers, Pair
HB-28	Two 28" C-channel Bar Hangers, Pair
HB-52	Two 52" C-channel Bar Hangers, Pair
LB-27	Two 27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

AVIO™ Recessed PAR30 Halogen (continued)

Shown with Airfoil Trim Accessory (Order Separately)

Dimensions





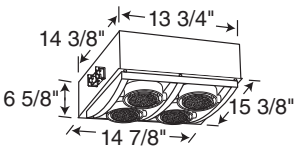
Catalog No.	Finish	Lamp
XR30401WH	White	Four 50-75W PAR30
XR30401BL	Black	
XR30401SL	Silver	
XR30401GP	Graphite	

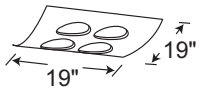
Airfoil Trim Accessory

X30401WH	White
X30401BL	Black
X30401SL	Silver
X30401GP	Graphite

Shown with Airfoil Trim Accessory (Order Separately)

Dimensions





Catalog No.	Finish	Lamp
XR30404WH	White	Four 50-75W PAR30
XR30404BL	Black	
XR30404SL	Silver	
XR30404GP	Graphite	

Airfoil Trim Accessory

X30404WH	White
X30404BL	Black
X30404SL	Silver
X30404GP	Graphite

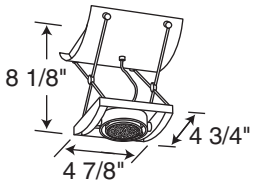
Accessories For use with XR30401, XR30404

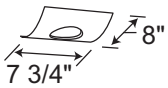
Catalog No.	Description
HB-TL	Two 25" Tru-Lock Bar Hangers, Pair
HB-28	Two 28" C-channel Bar Hangers, Pair
HB-52	Two 52" C-channel Bar Hangers, Pair
LB-27	Two 27" Linear Bar Hangers, Pair
HB-4	Bar Hanger conversion kit for wooden joists

AVIO™ Surface Mount MR16 CMH

Shown with Airfoil Trim Accessory (Order Separately)

Dimensions

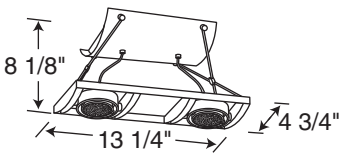


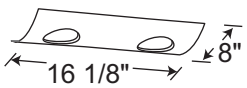


Catalog No.	Finish	Description
XS16101-20H-WH	White	1 Lamp: 20W MR16 lamp, 120V Electronic Ballast
XS16101-20H-BL	Black	
XS16101-20H-SL	Silver	
XS16101-20H-GP	Graphite	
XS16101-39H-WH	White	1 Lamp: 39W MR16 lamp, 120 Electronic Ballast
XS16101-39H-BL	Black	
XS16101-39H-SL	Silver	
XS16101-39H-GP	Graphite	
Airfoil Trim Accessory		
X16101WH	White	1-Lamp Unit
X16101BL	Black	
X16101SL	Silver	
X16101GP	Graphite	

Shown with Airfoil Trim Accessory (Order Separately)

Dimensions

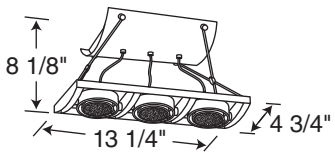


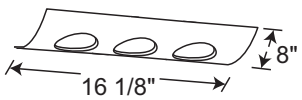


Catalog No.	Finish	Description
XS16201-20H-WH	White	2 Lamp: 20W MR16 lamp, 120V Electronic Ballast
XS16201-20H-BL	Black	
XS16201-20H-SL	Silver	
XS16201-20H-GP	Graphite	
XS16201-39H-WH	White	2 Lamp: 39W MR16 lamp, 120 Electronic Ballast
XS16201-39H-BL	Black	
XS16201-39H-SL	Silver	
XS16201-39H-GP	Graphite	
Airfoil Trim Accessory		
X16201WH	White	2-Lamp Unit
X16201BL	Black	
X16201SL	Silver	
X16201GP	Graphite	

Shown with Airfoil Trim Accessory (Order Separately)

Dimensions



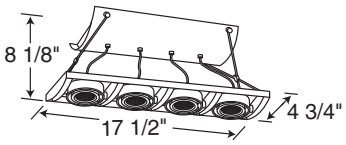


Catalog No.	Finish	Description
XS16301-20H-WH	White	3 Lamp: 20W MR16 lamp, 120V Electronic Ballast
XS16301-20H-BL	Black	
XS16301-20H-SL	Silver	
XS16301-20H-GP	Graphite	
XS16301-39H-WH	White	3 Lamp: 39W MR16 lamp, 120 Electronic Ballast
XS16301-39H-BL	Black	
XS16301-39H-SL	Silver	
XS16301-39H-GP	Graphite	
Airfoil Trim Accessory		
X16301WH	White	3-Lamp Unit
X16301BL	Black	
X16301SL	Silver	
X16301GP	Graphite	

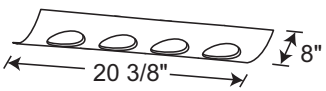
Accessories For use with XS16101, XS16201, XS16301

Catalog No.	Description	Catalog No.	Description
HB-TL	Two 25" Tru-Lock Bar Hangers, Pair	**T7405**	Yellow Dichroic Lens
HB-28	Two 28" C-channel Bar Hangers, Pair	**T7406**	Magenta Dichroic Lens
HB-52	Two 52" C-channel Bar Hangers, Pair	**T7411**	Blue Green Dichroic Lens
LB-27	Two 27" Linear Bar Hangers, Pair	**T7416**	Daylight Blue Correction Lens
T741	Med. Pink Color Filter	**T7418**	Cosmetic Peach Correction Lens
T743	Daylight Blue Color Filter	**T7477**	Prismatic Lens
T744	Med. Blue Color Filter	**T7478**	Linear Spread Lens
T745	Med. Amber Color Filter	**T7420**	Diffuse Spread Lens
T7401	Red Dichroic Lens	**T7421**	Uniformity Lens
T7403	Med. Green Dichroic Lens	**T7422**	UV Filter Lens
T7404	Med. Blue Dichroic Lens	**T7459BL**	Hexcell Louver

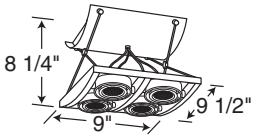
AVIO™ Surface Mount MR16 CMH (continued)



Shown with Airfoil Trim Accessory (Order Separately)



Catalog No.	Finish	Description
XS16401-20H-WH	White	4 Lamp Linear: 20W MR16 lamp, 120V Electronic Ballast
XS16401-20H-BL	Black	
XS16401-20H-SL	Silver	
XS16401-20H-GP	Graphite	
XS16401-39H-WH	White	4 Lamp Linear : 39W MR16 lamp, 120V Electronic Ballast
XS16401-39H-BL	Black	
XS16401-39H-SL	Silver	
XS16401-39H-GP	Graphite	
Airfoil Trim Accessory		
X16401WH	White	4-Lamp Linear Unit
X16401BL	Black	
X16401SL	Silver	
X16401GP	Graphite	



Shown with Airfoil Trim Accessory (Order Separately)

Catalog No.	Finish	Description
XS16404-20H-WH	White	4 Lamp Quad: 20W MR16 lamp, 120V Electronic Ballast
XS16404-20H-BL	Black	
XS16404-20H-SL	Silver	
XS16404-20H-GP	Graphite	
XS16404-39H-WH	White	4 Lamp Quad : 39W MR16 lamp, 120V Electronic Ballast
XS16404-39H-BL	Black	
XS16404-39H-SL	Silver	
XS16404-39H-GP	Graphite	
Airfoil Trim Accessory		
X16404WH	White	4-Lamp Quad Unit
X16404BL	Black	
X16404SL	Silver	
X16404GP	Graphite	

Accessories For use with XS16401, XS16404

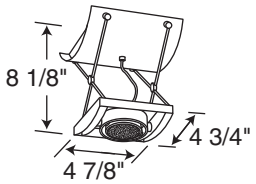
Catalog No.	Description	Catalog No.	Description
HB-TL	Two 25" Tru-Lock Bar Hangers, Pair	**T7405**	Yellow Dichroic Lens
HB-28	Two 28" C-channel Bar Hangers, Pair	**T7406**	Magenta Dichroic Lens
HB-52	Two 52" C-channel Bar Hangers, Pair	**T7411**	Blue Green Dichroic Lens
LB-27	Two 27" Linear Bar Hangers, Pair	**T7416**	Daylight Blue Correction Lens
T741	Med. Pink Color Filter	**T7418**	Cosmetic Peach Correction Lens
T743	Daylight Blue Color Filter	**T7477**	Prismatic Lens
T744	Med. Blue Color Filter	**T7478**	Linear Spread Lens
T745	Med. Amber Color Filter	**T7420**	Diffuse Spread Lens
T7401	Red Dichroic Lens	**T7421**	Uniformity Lens
T7403	Med. Green Dichroic Lens	**T7422**	UV Filter Lens
T7404	Med. Blue Dichroic Lens	**T7459BL**	Hexcell Louver

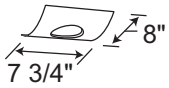
AVIO™ Surface Mount MR16 Low Voltage

Integral 12V Electronic Transformer

Shown with Airfoil Trim Accessory (Order Separately)

Dimensions





Catalog No.	Finish	Lamp
XS16101WH	White	One 12V, 20-75W MR16
XS16101BL	Black	
XS16101SL	Silver	
XS16101GP	Graphite	

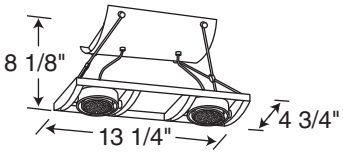
Airfoil Trim Accessory

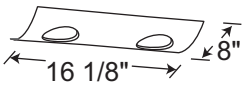
X16101WH	White
X16101BL	Black
X16101SL	Silver
X16101GP	Graphite

Integral 12V Electronic Transformer

Shown with Airfoil Trim Accessory (Order Separately)

Dimensions





Catalog No.	Finish	Lamp
XS16201WH	White	Two 12V, 20-75W MR16
XS16201BL	Black	
XS16201SL	Silver	
XS16201GP	Graphite	

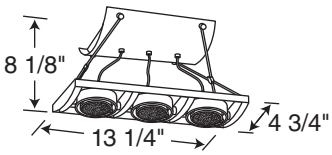
Airfoil Trim Accessory

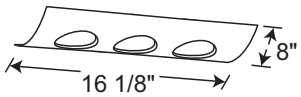
X16201WH	White
X16201BL	Black
X16201SL	Silver
X16201GP	Graphite

Integral 12V Electronic Transformer

Shown with Airfoil Trim Accessory (Order Separately)

Dimensions





Catalog No.	Finish	Lamp
XS16301WH	White	Three 12V, 20-50W MR16
XS16301BL	Black	
XS16301SL	Silver	
XS16301GP	Graphite	

Airfoil Trim Accessory

X16301WH	White
X16301BL	Black
X16301SL	Silver
X16301GP	Graphite

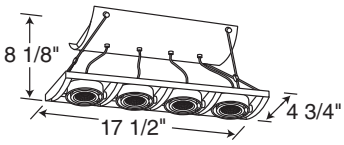
Accessories For use with XS16101, XS16201, XS16301

Catalog No.	Description	Catalog No.	Description
T741	Med. Pink Color Filter	**T7411**	Blue Green Dichroic Lens
T743	Daylight Blue Color Filter	**T7416**	Daylight Blue Correction Lens
T744	Med. Blue Color Filter	**T7418**	Cosmetic Peach Correction Lens
T745	Med. Amber Color Filter	**T7477**	Prismatic Lens
T7401	Red Dichroic Lens	**T7478**	Linear Spread Lens
T7403	Med. Green Dichroic Lens	**T7420**	Diffuse Spread Lens
T7404	Med. Blue Dichroic Lens	**T7421**	Uniformity Lens
T7405	Yellow Dichroic Lens	**T7422**	UV Filter Lens
T7406	Magenta Dichroic Lens	**T7459BL**	Hexcell Louver

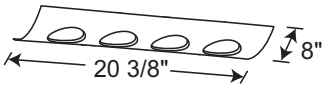
AVIO™ Surface Mount MR16 Low Voltage (continued)

Integral 12V Electronic Transformer

Dimensions



Shown with Airfoil Trim Accessory (Order Separately)



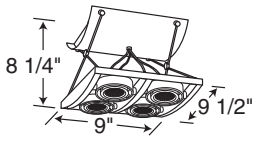
Catalog No.	Finish	Lamp
XS16401WH	White	Four 12V, 20-50W MR16
XS16401BL	Black	
XS16401SL	Silver	
XS16401GP	Graphite	

Airfoil Trim Accessory

X16401WH	White
X16401BL	Black
X16401SL	Silver
X16401GP	Graphite

Integral 12V Electronic Transformer

Dimensions



Shown with Airfoil Trim Accessory (Order Separately)

Catalog No.	Finish	Lamp
XS16404WH	White	Four 12V, 20-50W MR16
XS16404BL	Black	
XS16404SL	Silver	
XS16404GP	Graphite	

Airfoil Trim Accessory

X16404WH	White
X16404BL	Black
X16404SL	Silver
X16404GP	Graphite

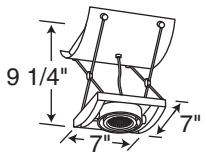
Accessories For use with XS16401, XS16404

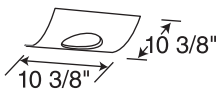
Catalog No.	Description	Catalog No.	Description
T741	Med. Pink Color Filter	**T7411**	Blue Green Dichroic Lens
T743	Daylight Blue Color Filter	**T7416**	Daylight Blue Correction Lens
T744	Med. Blue Color Filter	**T7418**	Cosmetic Peach Correction Lens
T745	Med. Amber Color Filter	**T7477**	Prismatic Lens
T7401	Red Dichroic Lens	**T7478**	Linear Spread Lens
T7403	Med. Green Dichroic Lens	**T7420**	Diffuse Spread Lens
T7404	Med. Blue Dichroic Lens	**T7421**	Uniformity Lens
T7405	Yellow Dichroic Lens	**T7422**	UV Filter Lens
T7406	Magenta Dichroic Lens	**T7459BL**	Hexcell Louver

AVIO™ Surface Mount PAR30 Halogen

Shown with Airfoil Trim Accessory (Order Separately)

Dimensions





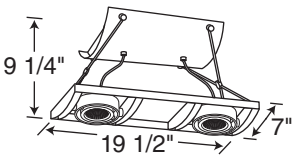
Catalog No.	Finish	Lamp
XS30101WH	White	One 50-75W PAR30
XS30101BL	Black	
XS30101SL	Silver	
XS30101GP	Graphite	

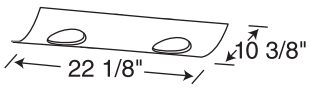
Airfoil Trim Accessory

X30101WH	White
X30101BL	Black
X30101SL	Silver
X30101GP	Graphite

Shown with Airfoil Trim Accessory (Order Separately)

Dimensions





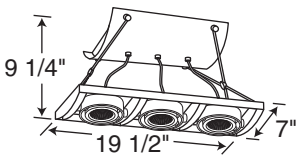
Catalog No.	Finish	Lamp
XS30201WH	White	Two 50-75W PAR30
XS30201BL	Black	
XS30201SL	Silver	
XS30201GP	Graphite	

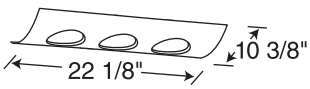
Airfoil Trim Accessory

X30201WH	White
X30201BL	Black
X30201SL	Silver
X30201GP	Graphite

Shown with Airfoil Trim Accessory (Order Separately)

Dimensions



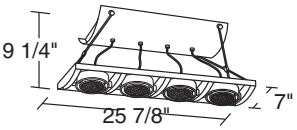


Catalog No.	Finish	Lamp
XS30301WH	White	Three 50-75W PAR30
XS30301BL	Black	
XS30301SL	Silver	
XS30301GP	Graphite	

Airfoil Trim Accessory

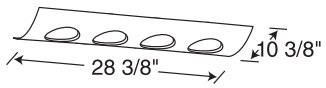
X30301WH	White
X30301BL	Black
X30301SL	Silver
X30301GP	Graphite

AVIO™ Surface Mount PAR30 Halogen (continued)



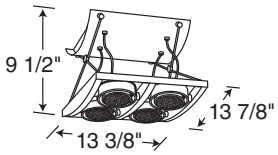
Catalog No.	Finish	Lamp
XS30401WH	White	Four 50-75W PAR30
XS30401BL	Black	
XS30401SL	Silver	
XS30401GP	Graphite	

Shown with Airfoil Trim Accessory (Order Separately)



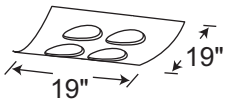
Airfoil Trim Accessory

X30401WH	White
X30401BL	Black
X30401SL	Silver
X30401GP	Graphite



Catalog No.	Finish	Lamp
XS30404WH	White	Four 50-75W PAR30
XS30404BL	Black	
XS30404SL	Silver	
XS30404GP	Graphite	

Shown with Airfoil Trim Accessory (Order Separately)



Airfoil Trim Accessory

X30404WH	White
X30404BL	Black
X30404SL	Silver
X30404GP	Graphite

Bar Hangers for Recessed Luminaires

Catalog No.	Description
HB-TL	25″ Tru-Lock Grid Ceiling Bar Hangers for attachment to T-Bar Ceilings (Set of 2) Tru-Lock bar hangers mount to 2 ft. grid ceilings and provide easy horizontal positioning of fixtures in 1/4 tile increments as well as the ability to lock onto the grid with pre-installed screws.

Catalog No.	Description
HB-52	52″ C-Channel Bar Hangers (Set of 2)

Catalog No.	Description
HB-28	28″ C-Channel Bar Hangers (Set of 2)

Catalog No.	Description
LB-27	27″ Linear Bar Hangers (Set of 2)

Catalog No.	Description
HB-4	Bar Hanger conversion kit for wooden joists

Catalog No.	Description
SCA6, SCA8, SCA9, SCA10	6″, 8″, 9″, 10″ Sloped Ceiling Adapter (Available for angles of 5˚, 10˚, 15˚, 20˚, 25˚ & 30˚)

Pendant Mounting Kits for Cylinders

Catalog No.	Length	Finish	Description
P18-W	18″	White	18″ Hang Straight Pendant Mounting Kit (45˚ maximum ceiling slope)
P18-B	18″	Black	18″ Hang Straight Pendant Mounting Kit (45˚ maximum ceiling slope)
P24-W	24″	White	24″ Hang Straight Pendant Mounting Kit (45˚ maximum ceiling slope)
P24-B	24″	Black	24″ Hang Straight Pendant Mounting Kit (45˚ maximum ceiling slope)
P36-W	36″	White	36″ Hang Straight Pendant Mounting Kit (45˚ maximum ceiling slope)
P36-B	36″	Black	36″ Hang Straight Pendant Mounting Kit (45˚ maximum ceiling slope)

AccuLite™

Commercial and Industrial Lighting

Indoors and out, AccuLite-brand products illuminate large commercial and industrial facilities, including factories, warehouses, retail and grocery stores, and sports arenas. Indoors, AccuLite products include advanced highbay and lowbay luminaires that provide exceptional light coverage regardless of ceiling heights and floor-plan configurations. Outdoors, the comprehensive AccuLite product line illuminates parking lots, garages, building facades, and pathways. Whether your application is interior, security, flood, or area lighting, AccuLite luminaires are designed to provide solutions that are stylish, durable, and cost-effective.

Commercial and Industrial Lighting

AccuLite high-output LEDs deliver superior performance

AccuLite fixtures have harnessed the latest technologies to create a range of indoor and outdoor LED luminaires designed to excel in commercial and industrial settings. They feature the high lumen outputs required for these applications, while providing exceptional energy efficiency and low maintenance.

AccuLite Areos LED area lights marry the latest large-format LEDs with an ultra-low-profile housing, yielding a highly advanced outdoor luminaire. They offer up to 25,000 lumens of uniform illumination, efficacies approaching 100 lumens per watt, and 100,000 L70 hours. These luminaires establish new benchmarks for performance and operating efficiency.

Finia LED outdoor luminaires offer a complete lighting solution from parking lot to building entrance. This versatile, architectural-grade luminaire family can be pole, wall, or trunnion mounted for area, façade, landscape, or security lighting applications. All Finia LED luminaires share a common design that complements any commercial site and is designed for durability and energy efficiency.

AccuLite Highbay and Lowbay LED luminaires incorporate advanced large-format, LED chip technology to produce up to 33,000 brilliant lumens. They provide uniform illumination for large industrial and commercial spaces and offer exceptional energy efficiency with efficacies approaching 100 lumens per watt. And with 100,000 L70 hours, they are nearly maintenance free.

AccuLite LED Mini Security Lights (MSL Series) mini security lights provide energy-efficient performance in a small, unobtrusive package. Its wall-hugging, shallow profile blends easily with the surroundings and projects a wide pattern of light along walls and corridors or above doors and entrances. MSL Series LEDs consume just six watts of energy and offer 50,000 hours of maintenance-free service.

AccuLite commercial and industrial lighting … comfortable indoors or out

AccuLite brand lighting is a complete solution for illuminating the inside and outside of large facilities. Highbay, lowbay, commercial, or retail … parking, security, area, or floodlighting … the AccuLite portfolio has an extensive selection of luminaires for every application. In addition to state-of-the-art LED illumination, the line also includes high-performance HID, fluorescent, and incandescent light sources. All luminaire designs incorporate advanced optics and electronics and are certain to exceed your expectations in energy savings, Dark Sky compliance, durability, and safety.

Highbay

LED PRODUCT
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SH1 & SH2 Series
LED Highbay/Lowbay

LED PRODUCT
Page 646

LH1 & LH2 Series
LED Highbay/Lowbay

LED PRODUCT
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IS1 & IS2 Series
LED Highbay/Lowbay

LED PRODUCT
Page 650

IL1 & IL2 Series
LED Highbay/Lowbay

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Duralyte™
High Performance Highbay

Page 654

Duralyte™
Enclosed High
Performance Highbay

Page 656

AccuGlass™
Glass Highbay

Page 658

Acculume™
Acrylic Highbay

Page 660

Hi-Lux™
ALX Series Economy
Highbay

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Hi-Lux™
Enclosed ALX Series
Economy Highbay

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Prisma-Lux™
ALX Series Economy
Acrylic Highbay

Page 666

Merchandiser™
ALX Series Economy
Acrylic Highbay

Page 668

Temp-Lux™
ALX Series Economy
Work Light

Page 669

Replacement Ballasts
HID, CFL

Page 670

T, TE, TK & TF Series
Fluorescent Highbay

Lowbay

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Accuglo™
Totally Enclosed and
Gasketed Lowbay

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Accuglo™
Food Equipment Rated
Lowbay

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Accuglo™ Lowbay

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Accuglo™
Gasketed Optical Assembly
Lowbay

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Lo-Lux™
ALX Series Economy
Lowbay

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Lo-Lux™
Enclosed ALX Series
Economy Lowbay

Commercial & Retail

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Exeter™ Series E2
12", 16" & 22" Reflectors

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Exeter™ Series E3
12", 16" & 22" Reflectors

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Exeter™ Series E3
12", 16" & 22" Reflectors
Deco-Bands & Trim

Page 704

Exeter™ Series E3
12", 16" & 22" Reflectors
Deco-Rods & Trim

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Simcoe™
Series SC & SO

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Carleton™ Series C75
16" Reflectors

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Carleton™ Series C75
22" Reflectors

Commercial & Retail (cont.)

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AccuGlass™
Glass Reflectors

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Acculume™
Acrylic Reflectors

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Econobay™
Aluminum Reflectors

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Accuglo™ Lowbay
Reflectors

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Duralyte™
Fully Faceted Aluminum
Highbay

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AccuGlass™
Glass Highbay

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Acculume™
Acrylic Highbay

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Accuglo™ Lowbay
Reflectors

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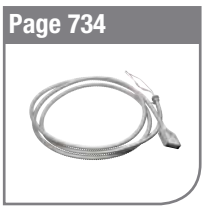
Paralume™ Regressed -
T-Bar Ceilings
Prismatic Glass lens

Page 733

Paralume™ Regressed -
T-Bar Ceilings
9 Cell Louver

Accessories for Highbay, Lowbay, Commercial and Retail

Page 734

AccuFlex™
Modular Wiring

Page 735

Suspension For Decorative
Luminaires

Page 736

Indoor Remote Ballast
RFB1 Series

Page 737

Indoor Remote Ballast
RFB2 Series

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Indoor Remote Ballast
RBR Series
Electronic, HID & CFL

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Indoor Remote Ballast
RBR Series
Magnetic, HID & CFL

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Indoor Remote Ballast
DRB & SRB Series

Parking Garage & Canopy

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GL Series
Parking Garage Luminaire

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Orion™
Parking Garage Luminaire

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NiteLyte™ II
Parking Garage Luminaire

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Titan™
Parking Garage Luminaire

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AccuSquare™
Canopy Luminaire

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Weatherproof Fluorescent
WP Series

Security Lighting

LED PRODUCT
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Finia™ LED Architectural
Security Lighting
LW1 & LW2 Series

LED PRODUCT
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Alari™ LED
Wall Sconce

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Alari™ Wall Sconce

LED PRODUCT
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Polaris™ LED
Full Cut-Off Lighting

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Polaris™ Wide Throw
Full Cut-Off Lighting

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Polaris™ Forward Throw
Full Cut-Off Lighting

Page 760

Polaris™ Up/Downlighting

LED PRODUCT
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Oval Cylinders
LED Downlighting
or Uplighting

LED PRODUCT
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Oval Cylinders
LED Up/Downlighting

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Oval Cylinders
Downlighting

Security Lighting (cont.)

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Oval Cylinders
Up/Downlighting

LED PRODUCT

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Stonewall™ LED Vandal Resistant Wall or Ceiling Mounted Luminaire

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Stonewall™ Vandal Resistant Wall Sconce

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Eos™ Adjustable Sconce

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Dark Sky
Full Cut-Off Security Lighting

LED PRODUCT

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AccuPak™ LED
Wall Mounted Lighting

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AccuPak™ Wall Mounted Security Lighting
Glass Lens

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Wall-Lux™ Wall Mounted Security Lighting

Night Lights/Step Lights

LED PRODUCT

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IC115LED
LED Outdoor Rated Step Light and Trims

LED PRODUCT

Page 783

838LED
LED Outdoor Performance Step Light

Area Lighting

LED PRODUCT
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Finia™ LED Architectural Security Lighting LA1 & LA2 Series

LED PRODUCT
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Areos™ LED LED Area Lighting

LED PRODUCT
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Alari™+ LED Parking, Roadway & Area Lighting

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Alari™ Parking, Roadway & Area Lighting

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Alari™+ Parking, Roadway & Area Lighting

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Aries™ II Parking, Roadway & Area Lighting Flat Glass Lens

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Aries™ II Parking, Roadway & Area Lighting Sag Glass Lens

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Quasar™ Parking, Roadway & Area Lighting

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Titan™ Parking, Roadway & Area Lighting

LED PRODUCT
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Parklume PL7 7" LED Bollards

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Parklume PL7 7" Bollards

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Parklume PL8 8" Bollards

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Aberdeen™ Decorative Street & Area Lighting ASA1 Series

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Aberdeen™ Decorative Street & Area Lighting ASA2 Series

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Aberdeen™ Decorative Street & Area Lighting ASA3 Series

Page 807

Main Street™ Decorative Street & Area Lighting ASM1 Series

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D Series Decorative Poles

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DB Series Decorative Pole Brackets

Page 810

Poles

Floodlighting

LED PRODUCT
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Finia™ LED
Architectural Floodligjhting
LF1 & LF2 Series

LED PRODUCT
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Caribe™ LED
Architectural Floodlighting

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Caribe™
Architectural Floodlighting
RBF Series

LED PRODUCT
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Dock Light LED
DK Series

LED PRODUCT
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Low Profile
LED FLoodlighting
DK Series

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Accuflood™ Floodlight
FLS Series

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Accuflood™ Floodlight
EF Series

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Accuflood™ Floodlight
NF Series

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Accuflood™ Floodlight
FLM Series

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Accuflood™ Floodlight
FLC Series

Specialty Lighting

Page 830

Sport-Pro™ High
Performance Sports
Lighting, SP Series

Page 831

Vaporlume™
Vaportight Lighting

LED PRODUCT
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Signlighters

AccuLite

Highbay | SH1 & SH2 Series LED Highbay/Lowbay

Industrial Luminaires, Damp Location Rated, 16" Fixture, Up to 17,000 Lumens

Ceiling mounted, Bronze finish

Pendant mounted with accessory hook

Description

The AccuLite SH1 & SH2 Series fixtures are low profile lumaires for highbay and lowbay applications. The SH1 Series features a premium efficacy engine with efficacies of up to 100 lumens per watt. The SH2 Series features a standard efficacy engine with efficacies of up to 85 lumens per watt. Both luminaires can be ordered with square pattern optics for spacing criteria of either 1.2:1 (highbay applications) or 2:1 (lowbay applications). Ideal for warehouses, big box retailers, and clean working environments where energy efficiency and low maintenance are desired.

Features

Optics SH1 and SH2 Series are equipped with single LED TIR (Total Internal Reflection) optics • A proprietary process seals the optics in place with a dust and moisture proof barrier that not only protects the LEDs but also fixes the optics in place to assure perfect positioning and long term reliability

Construction LED module and fixture housing are made of heavy wall die cast aluminum with a 5 stage powder coat finish • The driver compartment is effectively separated from the LED heat source; extending the life of the critical electronic components

Finish All exposed surfaces are protected with a 5 stage powder coating

Electrical Depending on the voltage required, fixture will have a universal voltage input of 120-277VAC or 347-480VAC • Surge suppressor to 10kAmp • Maximum THD 20% • Minimum power factor 0.90

Dimming Fixtures can be ordered with an optional 0-10V dimming driver

Listing Meets UL1598/CSA C22.2 250 standards • Suitable for damp locations • Union made • Meets "Buy American Act" and ARRA • Assembled in the USA

Ordering Information Example: SH1-A06-6K-UN-5H-6C

Series	Engine Code	CCT	Voltage	Mounting	Distribution	Options
SH1	A12	6K	UN		5H	6C

Premium Efficacy Fixtures

SH1- 16" fixture

- **A06** 67W
- **A09** 97W
- **A12** 127W

Standard Efficacy Fixtures

SH2- 16" fixture

- **B08** 107W
- **B12** 153W
- **B16** 200W
- **C15** 210W (PD only)
- **C21** 300W (PD only)

CCT

- **- 6K** - 6500K 65 CRI
- **- 4K** - 4500K 80 CRI

Voltage

- **- UN** - 120V-277V
- **- E12** 120V
- **- E20** 208V
- **- E24** 240V
- **- E27** 277V
- **- E34** 347V
- **- E48** 480V

Mounting

- **- no suffix** Standard 3/4" NPS female hub (Includes 10'cord)
- **- CE** Surface mount (Includes 10'cord)
- **- PD** Rigid conduit mount (includes wiring compartment)

Distribution

- **- 5H** High bay optics
- **- 5L** Low bay optics
- **- 2A** Aisle optics

Options

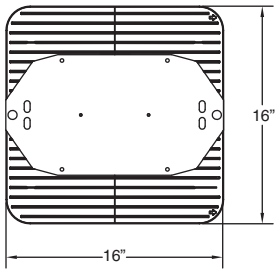
- **- 6C** Factory wired 6' cord 16/3 SOW
- **- 6HC** Factory wired 6' cord 16/3 SOW and hook
- **- 6CT** Factory wired 6' cord 16/3 SOW and NEMA twist lock plug
- **- 6CD** Factory wired 6' cord (line voltage) and 0-10V dimming leads (includes dimming driver)
- **- F1*** Fuse single pole line to neutral
- **- F2*** Fuse two pole line to line
- **- D** 0-10V dimming
- **- M*** On/Off motion sensor
- **- 6HCT** Factory wired 6' cord and hook - twist plug
- **- SD** Step dim (B16 - C21 only)

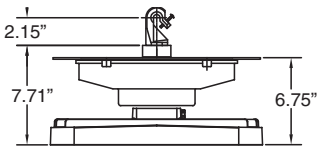
* Must specify voltage

AccuLite™ Highbay | SH1 & SH2 Series LED Highbay/Lowbay

Industrial Luminaires, Damp Location Rated, 16" Fixture, Up to 17,000 Lumens

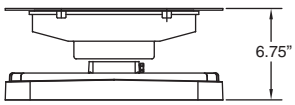
Dimensions





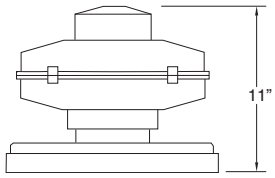
16" Pendant Mount with Accessory Hook

Weight: 29 lbs



16" Surface Mount (CE)

Weight: 28 lbs

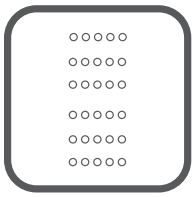


Rigid Conduit Mount (PD)

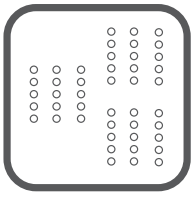
Weight: 31 lbs

Light Engine Configurations

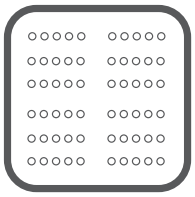
A06, B08 & C15



A09, B12 & C21



A12 & B16



Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Safety Hook 3/4" NPT Die cast aluminum Male - Direct mount to fixture	**HK75SS**
Wire Guard 16" Wire Guard	**IS-WG**

LED Performance Data

PREMIUM EFFICACY FIXTURES @ 4500K - 80 CRI

Catalog Number	Spacing Criteria	Fixture Size	Delivered Lumens	System Watts
SH1-A06-4K-UN-5H	1.2:1	16"	5,724	67
SH1-A06-4K-UN-5L	1.9:1	16"	6,055	67
SH1-A06-4K-UN-2A	1.8:1	16"	5,800	67
SH1-A09-4K-UN-5H	1.2:1	16"	8,587	97
SH1-A09-4K-UN-5L	1.9:1	16"	9,083	97
SH1-A09-4K-UN-2A	1.8:1	16"	8,701	97
SH1-A12-4K-UN-5H	1.2:1	16"	11,449	128
SH1-A12-4K-UN-5L	1.9:1	16"	12,111	129
SH1-A12-4K-UN-2A	1.8:1	16"	11,601	128

For 6500K apply 1.1 multiplier to these lumen values. All tests were performed according to IES LM-79-08. 6500K luminaires have a 65 CRI.

STANDARD EFFICACY FIXTURES @ 4500K - 80 CRI

Catalog Number	Spacing Criteria	Fixture Size	Delivered Lumens	System Watts
SH2-B08-4K-UN-5H	1.2:1	16"	8,077	107
SH2-B08-4K-UN-5L	1.9:1	16"	8,544	107
SH2-B08-4K-UN-2A	1.8:1	16"	8,184	107
SH2-B12-4K-UN-5H	1.2:1	16"	12,116	153
SH2-B12-4K-UN-5L	1.9:1	16"	12,816	153
SH2-B12-4K-UN-2A	1.8:1	16"	12,277	153
SH2-B16-4K-UN-5H	1.2:1	16"	16,154	200
SH2-B16-4K-UN-5L	1.9:1	16"	17,088	200
SH2-B16-4K-UN-2A	1.8:1	16"	16,369	200

For 6500K apply 1.1 multiplier to these lumen values. All tests were performed according to IES LM-79-08. 6500K luminaires have a 65 CRI.

STANDARD EFFICACY FIXTURES @ 4500K - 80 CRI

Catalog Number	Spacing Criteria	Fixture Size	Delivered Lumens	System Watts
SH2-C15-4K-UN-5H	1.2:1	16"	13,920	210
SH2-C15-4K-UN-5L	1.9:1	16"	14,725	210
SH2-C21-4K-UN-5H	1.8:1	16"	19,884	283
SH2-C21-4K-UN-5L	1.2:1	16"	21,034	283

For 6500K apply 1.1 multiplier to these lumen values. All tests were performed according to IES LM-79-08. 6500K luminaires have a 65 CRI.

AccuLite

Highbay | LH1 & LH2 Series LED Highbay/Lowbay

Industrial Luminaires, Damp Location Rated, 22" Fixture, Up to 34,000 Lumens

Ceiling mounted,
Bronze finish

Pendant mounted with
accessory hook

Description

The AccuLite LH1 & LH2 Series fixtures are low profile lumaires for highbay and lowbay applications. The LH1 Series features a premium efficacy engine with efficacies of up to 100 lumens per watt. The LH2 Series features a standard efficacy engine with efficacies of up to 85 lumens per watt. Both luminaires can be ordered with square pattern optics for spacing criteria of either 1.2:1 (highbay applications) or 2:1 (lowbay applications). Ideal for warehouses, big box retailers, and clean working environments where energy efficiency and low maintenance are desired.

Features

Optics LH1 and LH2 Series are equipped with single LED TIR (Total Internal Reflection) optics • A proprietary process seals the optics in place with a dust and moisture proof barrier that not only protects the LEDs but also fixes the optics in place to assure perfect positioning and long term reliability

Construction LED module and fixture housing are made of heavy wall die cast aluminum with a 5 stage powder coat finish • The driver compartment is effectively separated from the LED heat source; extending the life of the critical electronic components

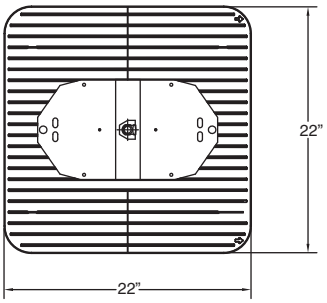
Finish All exposed surfaces are protected with a 5 stage powder coating

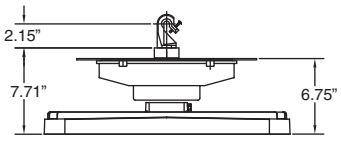
Electrical Depending on the voltage required, fixture will have a universal voltage input of 120-277VAC or 347-480VAC • Surge suppressor to 10kAmp • Maximum THD 20% • Minimum power factor 0.90

Dimming Fixtures can be ordered with an optional 0-10V dimming driver

Listing Meets UL1598/CSA C22.2 250 standards • Suitable for damp locations • Union made • Meets "Buy American Act" and ARRA • Assembled in the USA

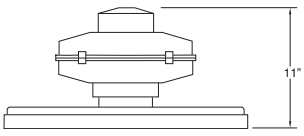
Dimensions





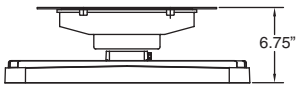
22" Pendant Mount with Accessory Hook

Weight: 49 lbs



Rigid Conduit Mount (PD) and Light Engine Option B33

Weight: 49 lbs



22" Surface Mount (CE)

Weight: 48 lbs

AccuLite™

Highbay | LH1 & LH2 Series LED Highbay/Lowbay

Industrial Luminaires, Damp Location Rated, 22" Fixture, Up to 34,000 Lumens

Ordering Information Example: LH1-A18-6K-UN-5H-6C

Series	Engine Code	CCT	Voltage	Mounting	Distribution	Options
LH1	A18	6K	UN		5H	6C

Premium Efficacy Fixtures

LH1- 22" fixture

- **A18** 194W
- **A24** 254W

Standard Efficacy Fixtures

LH2- 22" fixture

- **B24** 295W
- **B33**[1] 385W

- **- 6K** - 6500K 65 CRI
- **- 4K** - 4500K 80 CRI

- **- UN** - 120V-277V
- **- E12** 120V
- **- E20** 208V
- **- E24** 240V
- **- E27** 277V
- **- E34** 347V
- **- E48** 480V

- **- no suffix**[2] Standard 3/4" NPS female hub (includes 10'cord)
- **- CE**[2] Surface mount (includes 10'cord)
- **- PD** Rigid conduit mount (includes wiring compartment)

- **- 5H** High bay optics
- **- 5L** Low bay optics
- **- 2A** Aisle optics

- **- 6C** Factory wired 6' cord 16/3 SOW
- **- 6HC** Factory wired 6' cord 16/3 SOW and hook
- **- 6CT** Factory wired 6' cord 16/3 SOW and NEMA twist lock plug
- **- 6CD** Factory wired 6' cord (line voltage) and 0-10V dimming leads (includes 0-10V dimming driver)
- **- F1*** Fuse single pole line to neutral
- **- F2*** Fuse two pole line to line
- **- D** 0-10V dimming
- **- M*** On/Off motion sensor
- **- 6HCT** Factory wired 6' cord and hook - twist lock plug
- **- SD** Step dim

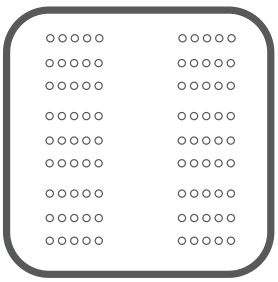
*Must specify voltage

[1] B33 engine requires the larger driver housing used for Rigind Conduit Mounting. B33 is not available with Surface Mounting options (CE).

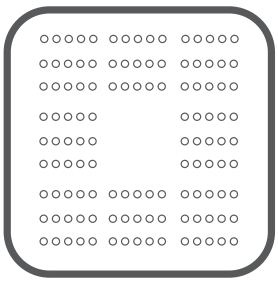
[2] Not available with B33 engine code

Light Engine Configurations

A18 & B24



A24 & B33



Accessories (Accessories are ordered and shipped separately)

Description	Catalog #	
Safety Hook 3/4" NPT Die cast aluminum Male - Direct mount to fixture	**HK75SS**	
Wire Guard 22" Wire Guard	**IL-WG**	

LED Performance Data

PREMIUM EFFICACY FIXTURES @ 4500K - 80 CRI

Catalog Number	Spacing Criteria	Fixture Size	Delivered Lumens	System Watts
LH1-A18-4K-UN-5H	1.2:1	22"	17,173	194
LH1-A18-4K-UN-5L	1.9:1	22"	18,166	194
LH1-A18-4K-UN-2A	1.8:1	22"	17,401	194
LH1-A24-4K-UN-5H	1.2:1	22"	22,898	254
LH1-A24-4K-UN-5L	1.9:1	22"	24,222	254
LH1-A24-4K-UN-2A	1.8:1	22"	23,202	254

STANDARD EFFICACY FIXTURES @ 4500K - 80 CRI

Catalog Number	Spacing Criteria	Fixture Size	Delivered Lumens	System Watts
LH2-B24-4K-UN-5H	1.2:1	22"	24,231	295
LH2-B24-4K-UN-5L	1.9:1	22"	25,633	295
LH2-B24-4K-UN-2A	1.8:1	22"	24,553	295
LH2-B33-4K-UN-5H*	1.2:1	22"	32,308	385
LH2-B33-4K-UN-5L*	1.9:1	22"	34,177	385
LH2-B33-4K-UN-2A*	1.8:1	22"	32,737	385

* Conduit mount only.

For 6500K apply 1.1 multiplier to these lumen values. All tests were performed according to IES LM-79-08. 6500K luminaires have a 65 CRI.

AccuLite

Highbay | IS1 & IS2 Series LED Highbay/Lowbay

Industrial Luminaires, Wet Location, IP65 Rated, 16" Fixture, Up to 16,000 Lumens

Ceiling mounted, Bronze finish

Pendant mounted with accessory hook

Description

The AccuLite IS1 & IS2 Series fixtures are low profile lumaires for highbay and lowbay applications with IP65 full fixture rating. The IS1 Series features a premium efficacy engine with efficacies of up to 100 lumens per watt. The IS2 Series features a standard efficacy engine with efficacies of up to 85 lumens per watt. Both luminaires can be ordered with square pattern optics for spacing criteria of either 1.2:1 (highbay applications) or 2:1 (lowbay applications). Ideal for warehouses, manufacturing facilities, mine operations, and dirty environments where the IP65 rating is needed to protect the fixture from dust or water intrusion.

Features

Optics IS1 and IS2 Series are equipped with single LED TIR (Total Internal Reflection) optics • A proprietary process seals the optics in place with a dust and moisture proof barrier that not only protects the LEDs but also fixes the optics in place to assure perfect positioning and long term reliability

Construction LED module and fixture housing are made of heavy wall die cast aluminum with a 5 stage powder coat finish • The driver compartment is effectively separated from the LED heat source; extending the life of the critical electronic components • Tempered glass bottom lens with frame and gaskets provides IP65 rating to the fixture.

Finish All exposed surfaces are protected with a 5 stage powder coating

Electrical Equipped with Class 1 drivers • Depending on the voltage required, fixture will have a universal voltage input of 120-277VAC or 347-480VAC • Surge suppressor to 10kAmp • Maximum THD 20% • Minimum power factor 0.90

Dimming Fixtures can be ordered with an optional 0-10V dimming driver

Listing Meets UL1598/CSA C22.2 250 standards • Suitable for wet locations • IP65 rated • Union made • Meets "Buy American Act" and ARRA • Assembled in the USA

Ordering Information Example: IS1-A12-6K-UN-5H-6C

Series	Engine Code	CCT	Voltage	Mounting	Distribution	Options
IS1	A12	6K	UN		5H	6C

Premium Efficacy Fixtures

IS1- 16" Fixture

- **A06** 67W
- **A09** 97W
- **A12** 127W

Standard Efficacy Fixtures

IS2- 16" Fixture

- **B08** 107W
- **B12** 153W
- **B16** 200W
- **C15** 210W
- **C21** 300W

CCT

- **- 6K** - 6500K 65 CRI
- **- 4K** - 4500K 80 CRI

Voltage

- **- UN** - 120V-277V
- **- E12** - 120V
- **- E20** - 208V
- **- E24** - 240V
- **- E27** - 277V
- **- E34** - 347V
- **- E48** - 480V

Mounting

- **- no suffix** Standard 3/4" NPS female hub (includes 10'cord)
- **- CE** Surface mount (includes 10'cord)
- **- PD** Rigid conduit mount (includes wiring compartment)

Distribution

- **- 5H** High bay optics
- **- 5L** Low bay optics
- **- 2A** Aisle optics

Options

- **- 6C** Factory wired 6' cord 16/3 SOW
- **- 6HC** Factory wired 6' cord 16/3 SOW and hook
- **- 6CT** Factory wired 6' cord 16/3 SOW and NEMA twist lock plug
- **- 6CD** Factory wired 6' cord (line voltage) and 0-10V dimming leads (includes dimming driver)
- **- F1*** Fuse single pole line to neutral
- **- F2*** Fuse two pole line to line
- **- D** 0-10V dimming driver
- **- M*** On/Off motion sensor
- **- HT** High transmission lens
- **- FG** Frosted glass lens
- **- 6HCT** Cord and hook - twist lock plug

* Must specify voltage

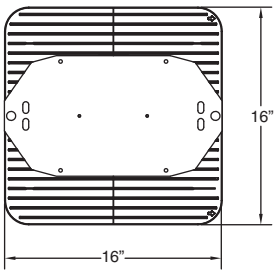
AccuLite

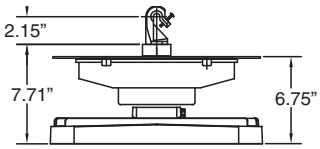
Highbay | IS1 & IS2 Series LED Highbay/Lowbay

Industrial Luminaires, Wet Location, IP65 Rated, 16" Fixture, Up to 16,000 Lumens

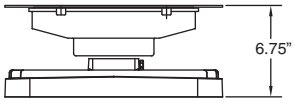
Wet Location

Dimensions

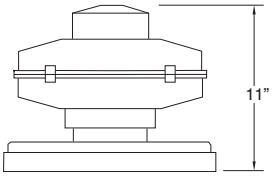




16" Pendant Mount with Accessory Hook
Weight: 29 lbs



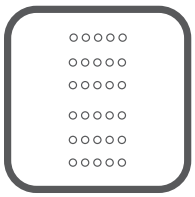
16" Surface Mount (CE)
Weight: 28 lbs



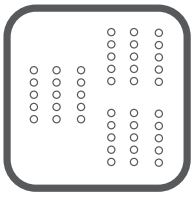
Rigid Conduit Mount (PD)
Weight: 31 lbs

Light Engine Configurations

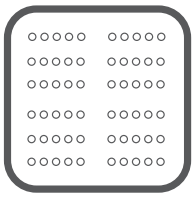
A06, B08 & C15



A09, B12 & C21



A12 & B16



Accessories (Accessories are ordered and shipped separately)

Description	Catalog #	
Safety Hook 3/4" NPT with gasket Die cast aluminum Male - Direct mount to fixture	**EHK75SS**	
Wire Guard 16" Wire Guard	**IS-WG**	

LED Performance Data

PREMIUM EFFICACY FIXTURES @ 4500K - 80 CRI

Catalog Number	Spacing Criteria	Fixture Size	Delivered Lumens	System Watts
IS1-A06-4K-UN-5H	1.2:1	16"	5,859	67
IS1-A06-4K-UN-5L	1.9:1	16"	5,637	67
IS1-A06-4K-UN-2A	1.8:1	16"	4,773	67
IS1-A09-4K-UN-5H	1.2:1	16"	8,789	97
IS1-A09-4K-UN-5L	1.9:1	16"	8,456	97
IS1-A09-4K-UN-2A	1.8:1	16"	7,160	97
IS1-A12-4K-UN-5H	1.2:1	16"	11,718	128
IS1-A12-4K-UN-5L	1.9:1	16"	11,275	129
IS1-A12-4K-UN-2A	1.8:1	16"	9,546	128

For 6500K apply 1.1 multiplier to these lumen values.All tests were performed according to IES LM-79-08. 6500K luminaires have a 65 CRI.

STANDARD EFFICACY FIXTURES @ 4500K - 80 CRI

Catalog Number	Spacing Criteria	Fixture Size	Delivered Lumens	System Watts
IS2-B08-4K-UN-5H	1.2:1	16"	8,267	107
IS2-B08-4K-UN-5L	1.9:1	16"	7,954	107
IS2-B08-4K-UN-2A	1.8:1	16"	6,735	107
IS2-B12-4K-UN-5H	1.2:1	16"	12,401	153
IS2-B12-4K-UN-5L	1.9:1	16"	11,932	153
IS2-B12-4K-UN-2A	1.8:1	16"	10,102	153
IS2-B16-4K-UN-5H	1.2:1	16"	16,535	200
IS2-B16-4K-UN-5L	1.9:1	16"	15,909	200
IS2-B16-4K-UN-2A	1.8:1	16"	13,470	200

For 6500K apply 1.1 multiplier to these lumen values.All tests were performed according to IES LM-79-08. 6500K luminaires have a 65 CRI.

Catalog Number	Spacing Criteria	Delivered Lumens	System Watts	CCT	CRI
IS2-C15-4K-UN-5H	1.2:1	13,160	210	4500K	80
IS2-C15-4K-UN-5L	1.9:1	13,654	210	4500K	80
IS2-C21-4K-UN-5H	1.2:1	18,595	300	4500K	80
IS2-C21-4K-UN-5L	1.9:1	17,891	300	4500K	80

For 6500K apply 1.1 multiplier to these lumen values.All tests were performed according to IES LM-79-08. 6500K luminaires have a 65 CRI.

AccuLite

Highbay | IL1 & IL2 Series LED Highbay/Lowbay

Industrial Luminaires, Wet Location, IP65 Rated, 22" Fixture, Up to 33,000 Lumens

Ceiling mounted,
Bronze finish

Pendant mounted with
accessory hook

Description

The AccuLite IL1 & IL2 Series fixtures are low profile lumaires for highbay and lowbay applications with IP65 full fixture rating. The IS1 Series features a premium efficacy engine with efficacies of up to 100 lumens per watt. The IL2 Series features a standard efficacy engine with efficacies of up to 85 lumens per watt. Both luminaires can be ordered with square pattern optics for spacing criteria of either 1.2:1 (highbay applications) or 2:1 (lowbay applications). Ideal for warehouses, manufacturing facilities, mine operations, and dirty environments where the IP65 rating is needed to protect the fixture from dust or water intrusion.

Features

Optics IL1 and IL2 Series are equipped with single LED TIR (Total Internal Reflection) optics • A proprietary process seals the optics in place with a dust and moisture proof barrier that not only protects the LEDs but also fixes the optics in place to assure perfect positioning and long term reliability

Construction LED module and fixture housing are made of heavy wall die cast aluminum with a 5 stage powder coat finish • The driver compartment is effectively separated from the LED heat source; extending the life of the critical electronic components • Tempered glass bottom lens with frame and gaskets provides IP65 rating to the fixture.

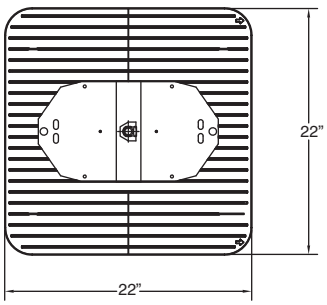
Finish All exposed surfaces are protected with a 5 stage powder coating

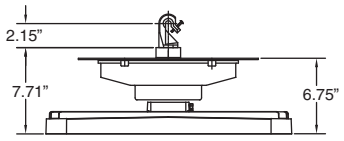
Electrical Equipped with Class 1 drivers • Depending on the voltage required, fixture will have a universal voltage input of 120-277VAC or 347-480VAC • Surge suppressor to 10kAmp • Maximum THD 20% • Minimum power factor 0.90

Dimming Fixtures can be ordered with an optional 0-10V dimming driver

Listing Meets UL1598/CSA C22.2 250 standards • Suitable for wet locations • IP65 rated • Union made • Meets "Buy American Act" and ARRA • Assembled in the USA

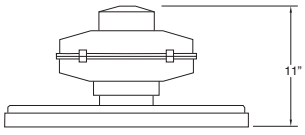
Dimensions





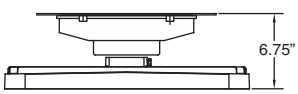
22" Pendant Mount with Accessory Hook

Weight: 49 lbs



Rigid Conduit Mount (PD) and Light Engine Option B33

Weight: 49 lbs



22" Surface Mount (CE)

Weight: 48 lbs

AccuLite

Highbay | IL1 & IL2 Series LED Highbay/Lowbay

Industrial Luminaires, Wet Location, IP65 Rated, 22" Fixture, Up to 33,000 Lumens

Wet Location

Ordering Information Example: IL1-A18-6K-UN-5H-6C

Series	Engine Code	CCT	Voltage	Mounting	Distribution	Options
IL1	A18	6K	UN		5H	6C

Premium Efficacy Fixtures

IL1- 22" fixture

- **A18** 194W
- **A24** 254W

Standard Efficacy Fixtures

IL2- 22" fixture

- **B24** 295W
- **B33**[1] 385W (not available for surface mounting)

CCT

- **- 6K** - 6500K 65 CRI
- **- 4K** - 4500K 80 CRI

Voltage

- **- UN** - 120V-277V
- **- E12** - 120V
- **- E20** - 208V
- **- E24** - 240V
- **- E27** - 277V
- **- E34** - 347V
- **- E48** - 480V

Mounting

- **- no suffix**[2] Standard 3/4" NPS female hub (includes 3'cord)
- **- CE**[2] Surface mount (includes 3'cord)
- **- PD** Rigid conduit mount (includes wiring compartment)

Distribution

- **- 5H** High bay optics
- **- 5L** Low bay optics
- **- 2A** Aisle optics

Options

- **- 6C** Factory wired 6' cord 16/3 SOW
- **- 6HC** Factory wired 6' cord 16/3 SOW and hook
- **- 6CT** Factory wired 6' cord 16/3 SOW and NEMA twist lock plug
- **- 6CD** Factory wired 6' cord (line voltage) and 0-10V dimming leads (includes dimming driver)
- **- F1*** Fuse single pole line to neutral
- **- F2*** Fuse two pole line to line
- **- D** 0-10V dimming driver
- **- M*** On/Off motion sensor
- **- HT** High transmission lens
- **- FG** Frosted glass lens
- **- 6HCT** Factory wired 6' cord and hook - twist lock plug

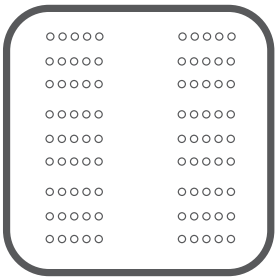
* Must specify voltage

[1] B33 engine requires the larger driver housing used for Rigind Conduit Mounting.
B33 is not available with Surface Mounting options (CE).

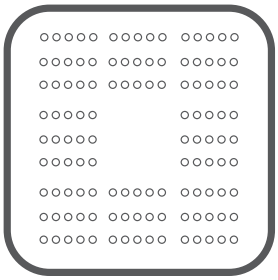
[2] Not available with B33 engine.

Light Engine Configurations

A18 & B24



A24 & B33



Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Safety Hook 3/4" NPT with gasket Die cast aluminum Male - Direct mount to fixture	**EHK75SS**
Wire Guard 22" Wire Guard	**IL-WG**

LED Performance Data

PREMIUM EFFICACY FIXTURES @ 4500K - 80 CRI

Catalog Number	Spacing Criteria	Fixture Size	Delivered Lumens	System Watts
IL1-A18-4K-UN-5H	1.2:1	22"	17,577	194
IL1-A18-4K-UN-5L	1.9:1	22"	16,912	194
IL1-A18-4K-UN-2A	1.8:1	22"	14,319	194
IL1-A24-4K-UN-5H	1.2:1	22"	23,437	254
IL1-A24-4K-UN-5L	1.9:1	22"	22,550	254
IL1-A24-4K-UN-2A	1.8:1	22"	19,093	254

STANDARD EFFICACY FIXTURES @ 4500K - 80 CRI

Catalog Number	Spacing Criteria	Fixture Size	Delivered Lumens	System Watts
IL2-B24-4K-UN-5H	1.2:1	22"	24,802	295
IL2-B24-4K-UN-5L	1.9:1	22"	23,863	295
IL2-B24-4K-UN-2A	1.8:1	22"	20,205	295
IL2-B33-4K-UN-5H	1.2:1	22"	33,069	385
IL2-B33-4K-UN-5L	1.9:1	22"	31,818	385
IL2-B33-4K-UN-2A	1.8:1	22"	26,940	385

For 6500K apply 1.1 multiplier to these lumen values. All tests were performed according to IES LM-79-08. 6500K luminaires have a 65 CRI.

Highbay | Duralyte™ High Performance Highbay

Fully Faceted Aluminum Reflector, Integral Magnetic Ballast

DL: Standard Profile
17" Reflector

HB5: Standard Profile
22" Reflector

LPDL: Low Profile
17" Reflector

Description

This fully faceted design offers superior visual comfort with efficient low brightness illumination. The Duralyte™ highbay is used in many commercial and retail installations ranging from grocery, hardware and clothing stores to warehouse super stores. The Duralyte™ highbay has been successfully applied in many sports facilities and is an excellent choice for industrial environments where dust, dirt, and grime limit the performance of ordinary lighting fixtures.

Features

Optics High performance fully faceted aluminum reflector ensures highest luminaire performance and allows fewer fixtures per installation vs. spun aluminum • Field adjustable 11 position reflector for better light control

Construction Heavy duty die cast aluminum ballast housing is an excellent heat sink • Cast-in barriers thermally separate the electrical components • Hangs plumb

Finish White polyester powder coat finish

Lampholder Specification grade porcelain, mogul base

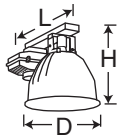
HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250

Dimensions

3/4" Hub
Add 3" when supplied with hook

Standard		D	H (Min.)	H (Max.)
DL Series:	"-17" 450W Max.	17 1/8"	23 5/16"	25 13/16"
	"-22" 450W Max.	22 5/8"	23 9/16"	26 1/16"
HB5 Series:	"-22" over 450W	22 5/8"	23"	25 1/2"



Low Profile		D	H (Min.)	H (Max.)	L
DL Series:	"-17" 450W. Max.	17 1/8"	17 1/4"	19 3/4"	26 5/16"
	"-22" 450W Max.	22 5/8"	17 1/2"	19 1/2"	29 1/16"

Remote Ballast		D	H (Min.)	H (Max.)
DL Series:	"-17" 450W. Max.	17 1/8"	17 1/4"	19 3/4"
	"-22" 450W Max.	22 5/8"	17 1/2"	19 1/2"

Ordering Information Example: **DL320PS-QT-17-PLS**

Series	Lamp (Watts/Type)	Volts	Reflector	Options
DL	320PS	-QT	-17	-PLS

Standard Profile
DL Max 450W
HB5- Lamps over 450W
Low Profile
LPDL Max 450W

Pulse Start Metal Halide†
17", & 22" reflector
§ { **150PS** ED28
Ⓔ { **175PS, 200PS, 250PS** ED28
320PS, 350PS, 400PS, 450PS ED37
22" reflector
750PS, 875PS, 1000PS BT37

Probe Start Metal Halide†
17", & 22" reflector
§ { **175MH, 250MH** ED28
400MH ED37
22" reflector
1000MH BT56

High Pressure Sodium
17", & 22" reflector
150HP ED28
250HP, 400HP ED18
22" reflector
1000HP E25

Integral Ballast
-QT‡ Quad Tap
120V, 208V, 240V, 277V
-TT Tri Tap
120V, 277V, 347V
-480‡ 480V

Remote Ballast
-RB Order remote ballast separately
See RBR Series Remote Ballasts section

-17- 17"
Max 450W
-22 - 22"
Max 1000W

See below

Options (Options are factory installed)

Description		Suffix
Lamp		
Coated Lamp (Recommended for PS and MH)		**- CL**
Clear Lamp		**- L**
Bottom Closure		
Hinged glass bottom lens assembly		**- BC**
Lampholder For Protected Lamp		**- PLS**
Potted Ballasts		
For low noise requirements		
Not available with lamps over 450W and LP models		**- POT**
Quartz Auxiliary with Delay		
Double contact bayonet base		
Quartz lamp not included	Cold Start/Hot Restrike	**- Q**
Fuse Holder		
Supplied with fuse		
Replace "-QT" & "-TT" with line voltage		
Single pole - Line to neutral		**- F1**
Two pole - Line to line		**- F2**
Lamp Socket Protector		
Use on line to line circuits		
when required by local certifying bodies		**- LSP**

† **Metal Halide:**

Ⓔ EISA - Pulse Start MH: 175W - 450W meets Energy Independence & Security Act (EISA) requirements.

NEC compliance: Pulse Start & Probe Start MH Luminaires must have a protected lamp socket (suffix "-PLS") or a bottom closure (suffix "-BC").

‡**Lamp Socket Protector**:

Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

§Not for use in the United States.

●Fixtures are ENERGY EFFICIENT.

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Safety Hook		
3/4" NPT		
Die cast aluminum	Male - Direct mount to fixture	**HK75SS**
	Female - Pendant mounting	**HF75SS**
Cord Set		
For indoor luminaires (dry location). Cord only, 3 conductor, 3' long, Type ST105 (white cord)		**3C**
Cord & Twist Lock Plug		
Cord and plug, 3 conductor, 3' long, Type ST105 (white cord) 15A or 20A available		**3C-TLP-(volts)-(amps)**
Power Hook		
Twist lock receptacle, hook and junction box feed-through or pendant mount (3/4")		**HBPH-(volts)**
Q-Deck Plate		
For quick mounting Mounting screws not included		**Q-DECK**
Ballast Safety Cable, Adjustable		
Attaches ballast housing to the structure		
Aircraft safety cable	Max 10' long	**HB-BSC10**
	Max 20' long	**HB-BSC20**
Optical Assembly Safety Cable		
Attaches reflector to the ballast housing		
Aircraft safety cable	Max 20" long	**HB-RSC**
Socket Shroud		
Spun aluminum shroud		**DL-SS**
Wire Guard		
Not available with bottom closure		
	17" Dia.	**DL17-WG**
	22" Dia.	**DL22-WG**

Highbay | Duralyte™ Enclosed High Performance Highbay

Fully Faceted Aluminum Reflector, Integral Magnetic Ballast

DL: Enclosed Optical Assembly
17" Reflector

HB5: Enclosed Optical Assembly
22" Reflector

Description

This fully faceted design offers superior visual comfort with efficient low brightness illumination. The Duralyte™ enclosed highbay is an excellent choice for more rigorous environments such as pulp and paper mills, foundries, manufacturing, assembly and machine shops where dust, dirt, and grime limit the performance of ordinary lighting fixtures.

Features

Enclosed Optical Assembly Fully enclosed optical assembly • With heat resistant hinged glass lens, three stainless steel lens clips and silicone rubber gaskets

Optics Fully faceted aluminum reflector ensures highest luminaire performance allowing fewer fixtures per installation vs. spun aluminum • Field adjustable 11 position reflector for better light control

Construction Heavy duty die cast aluminum ballast housing with cast-in thermal barriers separating the electrical components

Finish White polyester powder coat finish

Lampholder Specification grade porcelain, mogul base

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250

Dimensions

3/4" Hub
Add 3" when supplied with hook

Standard		D	H
DL Series:	450W Max.	17 1/8"	27 1/8"
	-22" 450W Max.	22 5/8"	26 7/8"
HB5 Series:	over 450W	22 5/8"	26 3/4"

Ordering Information Example: DL320PS-QT-17-EOA-CL

Series	Lamp (Watts/Type)	Volts	Enclosed Optical Assembly	Options
DL	320PS	-QT	-17-EOA	-CL

Series

Standard Profile
DL Max 450W
HB5- Lamps over 450W
Low Profile
LPDL Max 450W

Lamp (Watts/Type)

● **Pulse Start Metal Halide**†
17", & 22" reflector
§ Ⓔ **150PS** ED28
Ⓔ **175PS, 200PS, 250PS** ED28
Ⓔ **320PS, 350PS, 400PS, 450PS** ED37
22" reflector
750PS, 875PS, 1000PS BT37

Probe Start Metal Halide†
17", & 22" reflector
§ **175MH, 250MH** ED28
400MH ED37
22" reflector
1000MH BT56

● **High Pressure Sodium**
17", & 22" reflector
150HP ED28
250HP, 400HP ED18
22" reflector
1000HP E25

Volts

Integral Ballast
-QT‡ Quad Tap
120V, 208V, 240V, 277V
-TT Tri Tap
120V, 277V, 347V
-480‡ 480V

Enclosed Optical Assembly

Field adjustable beam spread
Standard factory pre-set to medium beam spread
-17-EOA
17" reflector
Max 450W
-22-EOA
22" reflector
Max 1000W

Options

See below

Options (Options are factory installed)

Description	Suffix
Lamp Coated Lamp (Recommended for MH)	**- CL**
Lampholder For Protected Lamp	**- PLS**
Potted Ballasts For low noise requirements Not available with lamps over 450W and LP models	**- POT**
Quartz Auxiliary with Delay Double contact bayonet base Quartz lamp not included Cold Start/Hot Restrike	**- Q**
Fuse Holder Supplied with fuse On multi-tap ballasts indicate line voltage Single pole - Line to neutral Two pole - Line to line	 **- F1** **- F2**
Lamp Socket Protector Use on line to line circuits when required by local certifying bodies	**- LSP**

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #	
Safety Hook - Enclosed & Gasketed 3/4" NPT Die cast aluminum	Male - Direct mount to fixture Female - Pendant mounting	**EHK75SS** **EHF75SS**	
Cord Set For wet location Cord only, 3 conductor, 3' long, Type SOW		**3C-SOW**	
Q-Deck Plate For quick mounting Mounting screws not included		**Q-DECK**	
Ballast Safety Cable, Adjustable Attaches ballast housing to the structure Aircraft safety cable	Max 10' long Max 20' long	**HB-BSC10** **HB-BSC20**	

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 175W - 450W meets Energy Independence & Security Act (EISA) requirements.
‡**Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".
§**Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

ACG: Standard Profile
16" Reflector

ACG: Standard Profile
22" Reflector, max 450W

LPACG: Low Profile
16" Reflector

Description

The AccuGlass™ prismatic glass highbay is designed for installations where good lighting quality and a uniformly illuminated environment is demanded. The AccuGlass™ highbay combines good horizontal and vertical illuminance levels in a highly efficient luminaire. The ventilated self-cleaning design, plus the inert nature of glass which eliminates the static electricity that attracts dust combines to make the AccuGlass™ highbay well suited to commercial/retail spaces where well lit ceilings and walls are desired. It is suitable for use in many industrial, production, inspection and warehousing areas where good all around visibility is desirable.

Features

Optics High efficiency, heat resistant borosilicate 16" and 22" glass reflector • Easily cleaned, the AccuGlass™ highbay maintains photometric performance for the life of the luminaire

Uplight Component Clear glass, open top reflector provides excellent horizontal and vertical illuminance

Construction Heavy duty die cast aluminum ballast housing is an excellent heat sink • Cast-in barriers thermally separate the electrical components • Three heavy duty locking rods secure the reflector • Hangs plumb

Finish White polyester powder coat finish

Lampholder Specification grade porcelain, mogul base

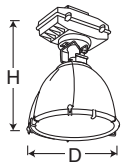
HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250

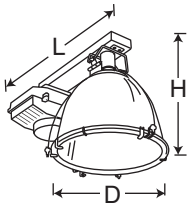
Dimensions

3/4" Hub
Add 3" when supplied with hook

Standard	D	H
"-A" 450W Max.	15 3/4"	25"
"-C" 450W Max.	21 1/2"	23 3/4"
"-C" over 450W	21 1/2"	26 3/4"



Low Profile	D	H	L
"-A" 450W Max.	15 3/4"	19 1/4"	25 1/2"
"-C" 450W Max.	21 1/2"	18"	28 1/4"



Remote Ballast	D	H
"-A"	15 3/4"	19 1/2"
"-C"	21 1/2"	18"

Ordering Information Example: **ACG350PS-QT-A-PLS**

Series	Lamp (Watts/Type)	Volts	Reflector	Options
ACG	350PS	-QT	-A	-PLS

Standard Profile
ACG Max 1000W

Low Profile
LPACG Max 450W

Pulse Start Metal Halide†

16", & 22" reflector
§ **150PS** ED28
Ⓔ **175PS, 200PS, 250PS** ED28
320PS, 350PS, 400PS, 450PS ED37

22" reflector
750PS, 875PS, 1000PS BT37

Probe Start Metal Halide†

16", & 22" reflector
§ **175MH, 250MH** ED28
400MH ED37

22" reflector
1000MH BT56

High Pressure Sodium

16", & 22" reflector
150HP ED28
250HP, 400HP ED18

22" reflector
1000HP E25

Integral Ballast
-QT‡ Quad Tap
120V, 208V, 240V, 277V

-TT Tri Tap
120V, 277V, 347V

-480‡ 480V

Remote Ballast
-RB Order remote ballast separately
See RBR Series Remote Ballasts section

-A - 16"
Max 450W

-C - 22"
Max 1000W

See below

Options (Options are factory installed)

Description	Suffix
Lamp	
Coated Lamp	**- CL**
Clear Lamp	**- L**
Bottom Closure	
Flat bottom lens	**- BC**
Lampholder For Protected Lamp	**- PLS**
Potted Ballasts	
For low noise requirements	
Not available with lamps over 450W and LP models	**- POT**
Quartz Auxiliary with Delay	
Double contact bayonet base	
Quartz lamp not included Cold Start/Hot Restrike	**- Q**
Fuse Holder	
Supplied with fuse	
On multi-tap ballasts indicate line voltage	
Single pole - Line to neutral	**- F1**
Two pole - Line to line	**- F2**
Lamp Socket Protector	
Use on line to line circuits	
when required by local certifying bodies	**- LSP**

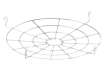
† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 175W - 450W meets Energy Independence & Security Act (EISA) requirements.
NEC compliance: Pulse Start & Probe Start MH Luminaires must have a protected lamp socket (suffix "-PLS") or a bottom closure (suffix "-BC").

‡**Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

§**Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #	
Safety Hook			
3/4" NPT			
Die cast aluminum	Male - Direct mount to fixture	**HK75SS**	
	Female - Pendant mounting	**HF75SS**	
Cord Set			
For indoor luminaires (dry location). Cord only, 3 conductor, 3' long, Type ST105 (white cord)		**3C**	
Cord & Twist Lock Plug			
Cord and plug, 3 conductor, 3' long, Type ST105 (white cord) 15A or 20A available		**3C-TLP-(volts)-(amps)**	
Power Hook			
Twist lock receptacle, hook and junction box feed-through or pendant mount (3/4")		**HBPH-(volts)**	
Q-Deck Plate			
For quick mounting Mounting screws not included		**Q-DECK**	
Ballast Safety Cable, Adjustable			
Attaches ballast housing to the structure			
Aircraft safety cable	Max 10' long	**HB-BSC10**	
	Max 20' long	**HB-BSC20**	
Optical Assembly Safety Cable			
Attaches reflector to the ballast housing			
Aircraft safety cable	Max 20" long	**HB-RSC**	
Wire Guard	16" Dia.	**ACG-A-WG**	
	22" Dia.	**ACG-C-WG**	

HB1: Standard Profile
16" Reflector

HB5: Standard Profile
22" Reflector

LPHB1-: Low Profile
25" Reflector

Description

As an alternative to glass, the Acculume™ highbay has prismatic acrylic reflectors that are designed to be used in many industrial, commercial and decorative lighting applications. The Acculume™ highbay is particularly suited to applications where low brightness with high vertical surface illumination is desirable. These luminaires reduce contrast while improving overall efficiency. AccuLite's premium acrylic reflectors are not recommended for oily environments, consult factory.

Features

Optics Full range of lightweight high grade acrylic* reflectors • Clear non-yellowing acrylic open topped reflectors • Available 12", 16", 22" and 25" reflectors • Lightweight acrylic is ideal when glass is too heavy • Acrylic reflectors are not suitable for oily environments

Construction Heavy duty die cast aluminum ballast housing is an excellent heat sink • Cast in barriers thermally separate the electrical components • Hangs plumb

Finish White polyester powder coat finish

Lampholder Specification grade mogul base porcelain (medium base with 12" reflector)

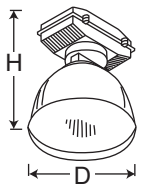
HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250

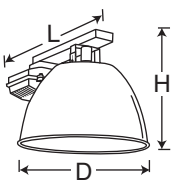
Dimensions

3/4" Hub
Add 3" when supplied with hook

Standard	D	H
12" Reflector	12"	17"
16" Reflector	16"	21 7/8"
22" Reflector	22 3/8"	23 7/8"
25" Reflector	25"	28 7/8"



Low Profile	D	H	L
16" Reflector	16"	16 7/8"	25 1/2"
22" Reflector	22 3/8"	18 7/8"	28 1/4"



Reflector Application Guide

With Acrylic Parts (Ambient 25°C)

Dia.	Watts	100	150	175PS	175MH	250	400	1000
12"	Open Bottom	PLS	PLS	n/a	PLS	n/a	n/a	n/a
	Closed Bottom	YES	n/a	n/a	n/a	n/a	n/a	n/a
16"	Open Bottom	PLS	PLS	n/a	PLS	PLS	PLS	n/a
	Closed Bottom	YES	YES	YES	YES	YES	n/a	n/a
22"	Open Bottom	n/a	PLS	n/a	PLS	PLS	PLS	n/a
	Closed Bottom	n/a	YES	YES	YES	YES	YES	n/a
25"	Open Bottom	n/a	PLS	PLS	PLS	PLS	PLS	PLS
	Closed Bottom	n/a	YES	YES	YES	YES	YES	n/a

YES Available up to indicated wattage

PLS Probe Start MH & Pulse Start MH lamps require lampholders for protected lamp – See Options

n/a Not available

* **Reflexor®** optics by Lexalite™

Ordering Information Example: **HB1-350PS-QT-PR16-PLS**

Series	Lamp (Watts/Type)	Volts	Reflector*	Options
HB1-	350PS	-QT	-PR16	-PLS

Series

Standard Profile
HB1- Max 450W

HB5- Lamps over 450W

Low Profile
LPHB1- Max 450W

Lamp (Watts/Type)

● **Pulse Start Metal Halide**†
12" reflector
50PS, 70PS, 100PS, 150PS ED17
§ **150PS** ED17

16", 22", & 25" reflector
§ **150PS** ED28
Ⓔ **175PS, 200PS, 250PS** ED28
320PS, 350PS, 400PS, 450PS ED37

22", & 25" reflector
750PS, 875PS BT37
25" reflector
1000PS BT37 (25" reflector)

Probe Start Metal Halide†
12" reflector
175MH E17

16", 22", & 25" reflector
§ **175MH, 250MH** ED28
400MH ED37

25" reflector
1000MH BT56

● **High Pressure Sodium**
12" reflector
35HP, 50HP, 70HP, 100HP, 150HP
BD17

16", 22", & 25" reflector
150HP ED28
250HP, 400HP ED18

25" reflector
1000HP E25

Volts

Integral Ballast
-QT‡ Quad Tap
120V, 208V, 240V, 277V

-TT Tri Tap
120V, 277V, 347V

-480‡ 480V

Remote Ballast
-RB Order remote ballast separately

See RBR Series Remote Ballasts section

Reflector*

See Reflector Application Guide on previous page for maximum wattage

-PR12 - 12"*
-PR16 - 16"*
-PR22 - 22"*
-PR25 - 25"*

Options

See below

Options (Options are factory installed)

Description	Suffix
Lamp Coated Lamp† (Recommended for MH)	**- CL**
Clear Lamp†	**- L**
Lampholder For Protected Lamp	**- PLS**
Potted Ballasts For low noise requirements Not available with lamps over 450W and LP models	**- POT**
Quartz Auxiliary with Delay Double contact bayonet base Quartz lamp not included Cold Start/Hot Restrike	**- Q**
Fuse Holder Supplied with fuse On multi-tap ballasts indicate line voltage	
Single pole - Line to neutral	**- F1**
Two pole - Line to line	**- F2**
Lamp Socket Protector Use on line to line circuits when required by local certifying bodies	**- LSP**

* **Acrylic Reflectors**:
Reflexor® optics by Lexalite™
See Reflector Application Guide for maximum wattage
Not recommended for oily environments, consult factory.

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 175W - 450W meets Energy Independence & Security Act (EISA) requirements.
NEC compliance: Pulse Start & Probe Start MH Luminaires must have a protected lamp socket (suffix "-PLS") or a bottom closure (see Accessories).

‡**Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

§**Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Safety Hook 3/4" NPT Die cast aluminum	Male - Direct mount to fixture	**HK75SS**
	Female - Pendant mounting	**HF75SS**
Cord Set For indoor luminaires (dry location). Cord only, 3 conductor, 3' long, Type ST105 (white cord)		**3C**
Cord & Twist Lock Plug Cord and plug, 3 conductor, 3' long, Type ST105 (white cord) 15A or 20A available		**3C-TLP-(volts)-(amps)**
Power Hook Twist lock receptacle, hook and junction box feed-through or pendant mount (3/4")		**HBPH-(volts)**
Q-Deck Plate For quick mounting Mounting screws not included		**Q-DECK**
Ballast Safety Cable, Adjustable Attaches ballast housing to the structure		
Aircraft safety cable	Max 10' long	**HB-BSC10**
	Max 20' long	**HB-BSC20**
Optical Assembly Safety Cable Attaches reflector to the ballast housing		
Aircraft safety cable	20" long	**HB-RSC**
Socket Shroud Spun aluminum shroud		**HB-SS**
Bottom Closure* **Flat - Glass**	16" reflector	**PR16-BL***
	22" reflector	**PR22-BL***
	25" reflector	**PR25-BL***
Dome - Acrylic	12" reflector	**PR12-DL***
Drop - Acrylic	16" reflector	**PR16-DL***
	22" reflector	**PR22-DL***
Conical - Acrylic	12" reflector	**PR12-CL***
	16" reflector	**PR16-CL***
	22" reflector	**PR22-CL***
Inverted Conical - Acrylic	25" reflector	**PR25-CL***
Full Wire Guard	16" reflector	**PR16-FWG**
	22" reflector	**PR22-FWG**
Louvers Steel rings with spot welded rods and white finish	12" reflector	**LV12A-WH**
	16" reflector	**LV16A-WH**
	22" reflector	**LV22A-WH**
	25" reflector	**LV25A-WH**

ALX: 16" Reflector

ALX: 18" Reflector

ALX: 22" Reflector

Description

Suited for retail, commercial and industrial lighting applications. The Hi-Lux™ highbay, with an economical sheet metal construction, makes an excellent choice for budget-sensitive installations. The Hi-Lux™ highbay can be easily adjusted to wide, medium or narrow beam spread. Choose between 16", 18" or 22" spun aluminum reflectors. The 18" reflector features a faceted top section for a more even distribution pattern.

Features

Optics Three sizes of economical spun aluminum reflectors – 16", 18" and 22"

Plumb Mounting The fixture hangs plumb without the need for balancing of the ballast housing by the contractor. Simply thread a hook into the hub on the top of the luminaire

Construction Fabricated steel ballast housing

Finish White polyester powder coat finish

Lampholder Specification grade porcelain, mogul base

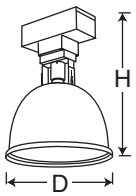
HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions

3/4" Hub
Add 3" when supplied with hook

Standard	D	H (Min.)	H (Max.)
16	16"	21 1/4"	23 1/4"
18	18 1/2"	20 1/2"	22 1/2"
22	22 1/4"	23 1/2"	25 1/2"



Ordering Information Example: **ALX320PS-QT-16-PLS**

Series	Lamp (Watts/Type)	Volts	Reflector	Options
ALX	**320PS**	**-QT**	**-16**	**-PLS**

ALX Max 1000W

● **Pulse Start Metal Halide**†
16" & 18" reflector
§ **150PS** ED28
Ⓔ **175PS, 200PS, 250PS** ED28
320PS, 350PS, 400PS, 450PS ED37
22" reflector
750PS, 875PS, 1000PS BT37

Probe Start Metal Halide†
16" & 18" reflector
§ **175MH, 250MH** ED28
400MH ED37
22" reflector
1000MH BT56

● **High Pressure Sodium**
16" & 18" reflector
150HP ED28
250HP, 400HP ED18

150W - 450W
-QT‡ Quad Tap
120V, 208V, 240V, 277V
-TT Tri Tap
120V, 277V, 347V
-480‡ 480V

750W, 875W & 1000W
-QT‡ Quad Tap
120V, 208V, 240V, 277V
-H2‡ Dual Tap
347V & 480V

150W - 450W
-16 16"
-18 18"
-22 22"

750W, 875W & 1000W
-22 22"

See below

Options (Options are factory installed)

Description		Suffix
Lamp		
Coated Lamp		**- CL**
Clear Lamp		**- L**
Bottom Closure		
Bottom lens assembly		**- BC**
Factory Pre-wired		
Replace "-QT" & "-TT" with line voltage		
3 foot cord only		**- C**
Hook and 3 foot cord		**- HC**
Lampholder For Protected Lamp		**- PLS**
Quartz Auxiliary with Delay		
Double contact bayonet base		
Quartz lamp not included	Cold Start/Hot Restrike	**- Q**
	Hot Restrike	**- HQ**
Fuse Holder		
Supplied with fuse		
Replace "-QT" & "-TT" with line voltage		
Single pole - Line to neutral		**- F1**
Two pole - Line to line		**- F2**
Lamp Socket Protector		
Use on line to line circuits		
when required by local certifying bodies		**- LSP**

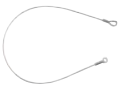
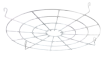
† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 175W - 450W meets Energy Independence & Security Act (EISA) requirements.
NEC compliance: Pulse Start & Probe Start MH Luminaires must have a protected lamp socket (suffix "-PLS") or a bottom closure (see Accessories).

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

§ **Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #	
Safety Hook			
3/4" NPT			
Die cast aluminum	Male - Direct mount to fixture	**HK75SSB**	
	Female - Pendant mounting	**HF75SS**	
Cord Set			
For indoor luminaires (dry location). Cord only, 3 conductor, 3' long, Type ST105 (white cord)		**3C**	
Cord & Twist Lock Plug			
Cord and plug, 3 conductor, 3' long, Type ST105 (white cord) 15A or 20A available		**3C-TLP-(volts)-(amps)**	
Power Hook			
0Twist lock receptacle, hook and junction box feed-through or pendant mount (3/4")		**HBPH-(volts)**	
Q-Deck Plate			
For quick mounting Mounting screws not included		**Q-DECK**	
Ballast Safety Cable, Adjustable			
Attaches ballast housing to the structure			
Aircraft safety cable	Max 10' long	**HB-BSC10**	
	Max 20' long	**HB-BSC20**	
Optical Assembly Safety Cable			
Attaches reflector to the ballast housing			
Aircraft safety cable	Max 20" long	**HB-RSC**	
Socket Shroud			
Spun aluminum shroud		**HB-SS**	
Bottom Closure	16" Dia.	**ALX16-BL**	
	18" Dia.	**ALX18-BL**	
	22" Dia.	**ALX22-BL**	
Wire Guard	16" Dia.	**HB3-WG**	
	18" Dia.	**HB5-WG18**	
	22" Dia.	**HB5-WG22**	
Louvers			
Steel rings with spot welded rods and brite-plate finish	16" Dia.	**LV16S-S**	
	18" Dia.	**LV18S-S**	
	22" Dia.	**LV22S-S**	

ALX: Enclosed Optical Assembly
16" Reflector

Description
With an economical sheet metal construction and a fully gasketed optical assembly, The Hi-Lux™ highbay makes an excellent choice for budget-sensitive industrial installations.

Features

Enclosed Optical Assembly Fully enclosed optical assembly is available • With heat resistant hinged glass lens, three stainless steel lens clips and silicone rubber gaskets • Field adjustable 11 position lampholder for better light control

Optics Three sizes of economical spun aluminum reflectors – 16", 18" and 22" • The 18" reflector features a faceted top section for a more even distribution pattern • Can be easily adjusted to wide, medium or narrow beam spread

Plumb Mounting The fixture hangs plumb without extra work for the contractor. Simply thread a hook into the hub in the top of the luminaire

Construction Steel ballast housing

Finish White polyester powder coat finish

Lampholder Specification grade porcelain, mogul base

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

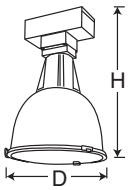
Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions

3/4" Hub
Add 3" when supplied with hook

Enclosed Optical Assembly

	D	H
16	16"	26-3/8"
18	18-1/2"	25-5/8"
22	22-1/4"	28-1/8"



Ordering Information Example: **ALX320PS-QT-16-EOA-L**

Series	Lamp (Watts/Type)	Volts	Enclosed Optical Assembly	Options
ALX	320PS	QT	16-EOA	PLS

Standard Profile

ALX Max 1000W

● **Pulse Start Metal Halide**†
16" & 18" reflector
§ { **150PS** ED28
Ⓔ { **175PS, 200PS, 250PS** ED28
320PS, 350PS, 400PS, 450PS ED37

22" reflector
750PS, 875PS, 1000PS BT37

Probe Start Metal Halide†
16" & 18" reflector
§ { **175MH, 250MH** ED28
400MH ED37

22" reflector
1000MH BT56

● **High Pressure Sodium**
16" & 18" reflector
150HP ED28
250HP, 400HP ED18

150W - 450W
-QT‡ Quad Tap
120V, 208V, 240V, 277V

-TT Tri Tap
120V, 277V, 347V

-480‡ 480V

750W, 875W & 1000W
-QT‡ Quad Tap
120V, 208V, 240V, 277V

-H2‡ Dual Tap
347V & 480V

150W - 450W
-16-EOA 16"
-18-EOA 18"

750W, 875W & 1000W
-22-EOA 22"

See below

Options (Options are factory installed)

Description		Suffix
Lamp		
Coated Lamp†		**- CL**
Clear Lamp†		**- L**
Factory Pre-wired		
Replace "-QT" & "-TT" with line voltage		
3 foot cord only		**- C**
Hook and 3 foot cord		**- HC**
Lampholder For Protected Lamp		**- PLS**
Quartz Auxiliary with Delay		
Double contact bayonet base		
Quartz lamp not included	Cold Start/Hot Restrike	**- Q**
	Hot Restrike	**- HQ**
Fuse Holder		
Supplied with fuse		
Replace "-QT" & "-TT" with line voltage		
Single pole - Line to neutral		**- F1**
Two pole - Line to line		**- F2**
Lamp Socket Protector		
Use on line to line circuits when required by local certifying bodies		**- LSP**

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #	
Safety Hook - Enclosed & Gasketed			
3/4" NPT			
Die cast aluminum	Male - Direct mount to fixture	**HK75SSB**	
	Female - Pendant mounting	**HF75SS**	
Cord Set			
For wet location		**3C-SOW**	
Cord only, 3 conductor, 3' long, Type SOW			
Q-Deck Plate			
For quick mounting		**Q-DECK**	
Mounting screws not included			
Ballast Safety Cable, Adjustable			
Attaches ballast housing to the structure			
Aircraft safety cable	Max 10' long	**HB-BSC10**	
	Max 20' long	**HB-BSC20**	
Optical Assembly Safety Cable			
Attaches reflector to the ballast housing			
Aircraft safety cable	Max 20" long	**HB-RSC**	

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 175W - 450W meets Energy Independence & Security Act (EISA) requirements.
‡**Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".
§**Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

Highbay | Prisma-Lux™ ALX Series Economy Acrylic Highbay

Acrylic Reflector, Integral Magnetic Ballast

ALX: 16" Reflector

ALX: 22" Reflector

ALX: 25" Reflector

Description

Suited to retail, commercial and industrial lighting applications where a uniformly illuminated environment is desired. Economical sheet metal ballast construction makes ALX Series highbays an excellent choice for budget-sensitive installations. Light weight acrylic reflector offers greater economy than glass, while offering similar lighting qualities.

Features

Optics Choose 16", 22" or 25" acrylic reflectors
- Acrylic reflectors are not suitable for oily environments

Plumb Mounting The fixture hangs plumb without the need for balancing of the ballast housing by the contractor. Simply thread a hook into the hub in the top of the luminaire

Construction Steel ballast housing

Finish White polyester powder coat finish

Lampholder Specification grade porcelain, mogul base

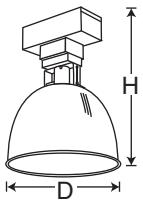
HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250
- Suitable for damp locations

Dimensions

3/4" Hub
Add 3" when supplied with hook

Standard	D	H
16	16"	22 3/8"
22	22 3/8"	25 3/8"
25	25"	27 3/8"



Reflector Application Guide

With Acrylic Parts (Ambient 25°C)

Dia.	Watts	100	150	175PS	175MH	250	400	1000
12"	Open Bottom	PLS	PLS	PLS	PLS	n/a	n/a	n/a
	Closed Bottom	YES	n/a	n/a	n/a	n/a	n/a	n/a
16"	Open Bottom	PLS	PLS	PLS	PLS	PLS	PLS	n/a
	Closed Bottom	YES	YES	YES	YES	YES	n/a	n/a
22"	Open Bottom	n/a	PLS	PLS	PLS	PLS	PLS	n/a
	Closed Bottom	n/a	YES	YES	YES	YES	YES	n/a
25"	Open Bottom	–	PLS	PLS	PLS	PLS	PLS	PLS
	Closed Bottom	–	YES	YES	YES	YES	YES	n/a

YES Available up to indicated wattage

PLS Probe Start MH & Pulse Start MH lamps require lampholders for protected lamp – See Options

n/a Not available

Ordering Information Example: **ALX350PS-QT-PR16-PLS**

Series	Lamp (Watts/Type)	Volts	Reflector	Options
ALX	350PS	-QT	-PR16	-PLS

Standard Profile
ALX Max 1000W

● **Pulse Start Metal Halide**†
16", 22", & 25" reflector
§ { **150PS** ED28
Ⓔ { **175PS, 200PS, 250PS** ED28
320PS, 350PS, 400PS, 450PS ED37

22", & 25" reflector
750PS, 875PS BT37

25" reflector
1000PS BT37 (25" reflector)

Probe Start Metal Halide†
16", 22", & 25" reflector
§ { **175MH, 250MH** ED28
400MH ED37

25" reflector
1000MH BT56

● **High Pressure Sodium**
16", 22", & 25" reflector
150HP ED28
250HP, 400HP ED18

150W - 450W
-QT‡ Quad Tap
120V, 208V, 240V, 277V

-TT Tri Tap
120V, 277V, 347V

-480‡ 480V

750W, 875W & 1000W
-QT‡ Quad Tap
120V, 208V, 240V, 277V

-H2‡ Dual Tap
347V & 480V

See Reflector Application Guide* for maximum wattage

-PR16 16"
-PR22 22"
-PR25 25"

See below

Options (Options are factory installed)

Description		Suffix
Lamp		
Coated Lamp†		**- CL**
Clear Lamp†		**- L**
Bottom Closure		
Bottom lens assembly		**- BC**
Factory Pre-wired		
On multi-tap ballasts indicate line voltage		
3 foot cord only		**- C**
Hook and 3 foot cord		**- HC**
Lampholder For Protected Lamp		**- PLS**
Quartz Auxiliary with Delay		
Double contact bayonet base		
Quartz lamp not included	Cold Start/Hot Restrike	**- Q**
	Hot Restrike	**- HQ**
Fuse Holder		
Supplied with fuse		
Replace "-QT" & "-TT" with line voltage		
Single pole - Line to neutral		**- F1**
Two pole - Line to line		**- F2**
Lamp Socket Protector		
Use on line to line circuits		
when required by local certifying bodies		**- LSP**

* **Acrylic Reflectors**:
Reflexor® optics by Lexalite™
See Reflector Application Guide for maximum wattage
Not recommended for oily environments, consult factory.

† **Metal Halide:**
EISA - Pulse Start MH: 175W - 450W meets Energy Independence & Security Act (EISA) requirements.
NEC compliance: Pulse Start & Probe Start MH Luminaires must have a protected lamp socket (suffix "-PLS") or a bottom closure (see Accessories).

‡**Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

§**Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Safety Hook		
3/4" NPT		
Die cast aluminum	Male - Direct mount to fixture	**HK75SSB**
	Female - Pendant mounting	**HF75SS**
Cord Set		
For indoor luminaires (dry location). Cord only, 3 conductor, 3' long, Type ST105 (white cord)		**3C**
Cord & Twist Lock Plug		
Cord and plug, 3 conductor, 3' long, Type ST105 (white cord) 15A or 20A available		**3C-TLP-(volts)-(amps)**
Power Hook		
15A Twist lock receptacle, hook and junction box feed-through or pendant mount (3/4")		**HBPH-(volts)**
Q-Deck Plate		
For quick mounting Mounting screws not included		**Q-DECK**
Ballast Safety Cable, Adjustable		
Attaches ballast housing to the structure		
Aircraft safety cable	Max 10' long	**HB-BSC10**
	Max 20' long	**HB-BSC20**
Optical Assembly Safety Cable		
Attaches reflector to the ballast housing		
Aircraft safety cable	Max 20" long	**HB-RSC**
Socket Shroud		
Spun aluminum shroud		**HB-SS**
Bottom Closure*		
Flat - Glass	16" reflector	**PR16-BL***
	22" reflector	**PR22-BL***
	25" reflector	**PR25-BL***
Drop - Acrylic	16" reflector	**PR16-DL***
	22" reflector	**PR22-DL***
Conical - Acrylic	16" reflector	**PR16-CL***
	22" reflector	**PR22-CL***
Inverted Conical - Acrylic	25" reflector	**PR25-CL***
Full Wire Guard	16" Dia.	**ALX16-FWG**
	22" Dia.	**ALX22-FWG**
Louvers		
Steel rings with spot welded rods and brite-plate finish	16" Dia.	**LV16S-S**
	18" Dia.	**LV18S-S**
	22" Dia.	**LV22S-S**
	25" Dia.	**LV25S-S**

Highbay | Merchandiser™ ALX Series Economy Glass Highbay

Glass Reflector, Integral Magnetic Ballast

ALX: Standard Profile
16" Reflector

Description

Designed for retail and commercial applications to create uniformly illuminated environment with well lit ceilings and walls. Offering an excellent uplight component, the Merchandiser™ highbay eliminates the cavern effect that occurs when the area above the fixture is dark. The ventilated, self-cleaning design, plus the inert nature of glass eliminates the static electricity that attracts dust. Economical sheet metal construction makes the Merchandiser™ highbay an excellent choice for budget-sensitive installations.

Features

Optics With 16" borosilicate glass reflector

Plumb Mounting The fixture hangs plumb without the need for balancing of the ballast housing by the contractor. Simply thread a hook into the hub on the top of the luminaire

Construction Fabricated steel ballast housing

Finish White polyester powder coat finish

Lampholder Specification grade porcelain, mogul base

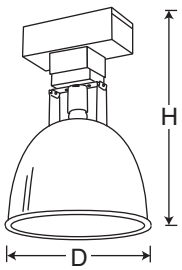
HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250• Suitable for damp locations

Dimensions

3/4" Hub
Add 3" when supplied with hook

Standard	D	H
16	16"	22 3/4"



Ordering Information Example: **ALX350PS-QT-A-PLS-CL**

Series	Lamp (Watts/Type)	Volts	Reflector	Protected Lamp Socket	Options
ALX	350PS	-QT	-A	-PLS	-CL
ALX Max 450W	● **Pulse Start Metal Halide**† 16" reflector § Ⓔ **150PS** ED28 Ⓔ **175PS, 200PS, 250PS** ED28 Ⓔ **320PS, 350PS, 400PS, 450PS** ED37 **Probe Start Metal Halide**† 16" reflector § **175MH, 250MH** ED28 § **400MH** ED37 ● **High Pressure Sodium** 16" reflector **150HP** ED28 **250HP, 400HP** ED18	**-QT**‡ Quad Tap 120V, 208V, 240V, 277V **-TT** Tri Tap 120V, 277V, 347V **-480**‡ 480V	**-A** 16"	**-PLS** Socket for use with protected metal halide lamps Bottom closure is not available	See below

Options (Options are factory installed)

Description		Suffix
Lamp		
Coated Lamp		**- CL**
Clear Lamp		**- L**
Factory Pre-wired		
On multi-tap ballasts indicate line voltage		
3 foot cord only		**- C**
Hook and 3 foot cord		**- HC**
Lampholder for protected lamp		**- PLS**
Quartz Auxiliary with Delay		
Double contact bayonet base		
Quartz lamp not included	Cold Start/Hot Restrike	**- Q**
	Hot Restrike	**- HQ**
Fuse Holder		
Supplied with fuse		
Replace "-QT" & "-TT" with line voltage		
Single pole - Line to neutral		**- F1**
Two pole - Line to line		**- F2**
Lamp Socket Protector		
Use on line to line circuits when required by local certifying bodies		**- LSP**

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Safety Hook		
3/4" NPT		
Die cast aluminum	Male - Direct mount to fixture	**HK75SSB**
	Female - Pendant mounting	**HF75SS**
Cord Set		
For indoor luminaires (dry location). Cord only, 3 conductor, 3' long, Type ST105 (white cord)		**3C**
Cord & Twist Lock Plug		
Cord and plug, 3 conductor, 3' long, Type ST105 (white cord) 15A or 20A available		**3C-TLP-(volts)-(amps)**
Power Hook		
Twist lock receptacle, hook and junction box feed-through or pendant mount (3/4")		**HBPH-(volts)**
Q-Deck Plate		
For quick mounting Mounting screws not included		**Q-DECK**
Ballast Safety Cable, Adjustable		
Attaches ballast housing to the structure		
Aircraft safety cable	Max 10' long	**HB-BSC10**
	Max 20' long	**HB-BSC20**
Optical Assembly Safety Cable		
Attaches reflector to the ballast housing		
Aircraft safety cable	Max 20" long	**HB-RSC**
Louvers		
Steel rings with spot welded rods and brite-plate finish	16" Dia.	**LV16-G-WH**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 175W - 450W meets Energy Independence & Security Act (EISA) requirements.
NEC compliance: Pulse Start & Probe Start MH Luminaires must have a protected lamp socket (suffix "-PLS").

‡**Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

§**Not for use in the United States.**

●Fixtures are ENERGY EFFICIENT.

AccuLite™ Highbay | Temp-Lux™ ALX Series Economy Work Light

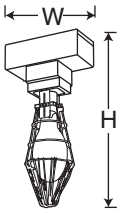
Temporary Lighting, Magnetic Ballast

Dimensions

3/4" Hub

Add 3" when supplied with hook

Standard	D	H
With wire guard	11"	16"



Description

The Temp-Lux™ temporary highbay is designed for budget-sensitive installations. This fixture is an ideal choice for the contractor when lighting unfinished spaces.

Features

Optics Open fixture with wire guard to protect the lamp

Plumb Mounting The fixture hangs plumb without the need for balancing of the ballast housing by the contractor. Simply thread a hook into the hub in the top of the luminaire

Easy Relamping The wire guard folds out, allowing relamping without removal of the guard

Construction Fabricated steel ballast housing

Finish White polyester powder coat finish

Lampholder Specification grade porcelain, mogul base

Ballasts HPF ballasts are suitable for low temperature starting • Probe Start MH -30°C

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Ordering Information Example: **ALX400MH-QT-TL-L**

Series	Lamp (Watts/Type)	Volts	Reflector	Options
ALX	400MH	-QT	-TL	PLS
ALX 400W only	● **Pulse Start Metal Halide**† Ⓔ{ **400PS** ED37 **Probe Start Metal Halide**† §{ **400MH** ED37	**-QT**‡ - Quad Tap 120V, 208V, 240V, 277V **-TT** - Tri Tap 120V, 277V, 347V **-480**‡ - 480V	**-TL** Temporary light With wire guard No reflector	See below

Options (Options are factory installed)

Description	Suffix
Lamp	
Coated Lamp†	**- CL**
Clear Lamp†	**- L**
Factory Pre-wired	
On multi-tap ballasts indicate line voltage	
3 foot cord only	**- C**
Hook and 3 foot cord	**- HC**
Lampholder For Protected Lamp	**- PLS**
Fuse Holder	
Supplied with fuse	
Replace "-QT" & "-TT" with line voltage	
Single pole - Line to neutral	**- F1**
Two pole - Line to line	**- F2**
Lamp Socket Protector	
Use on line to line circuits	
when required by local certifying bodies	**- LSP**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 400W meets Energy Independence & Security Act (EISA) requirements.
NEC compliance: Pulse Start & Probe Start MH Luminaires must have a protected lamp socket (suffix "-PLS").

‡**Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

§**Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Safety Hook		
3/4" NPT		
Die cast aluminum	Male - Direct mount to fixture	**HK75SSB**
	Female - Pendant mounting	**HF75SS**
Cord Set		
For indoor luminaires (dry location). Cord only, 3 conductor, 3' long, Type ST105 (white cord)		**3C**
Cord & Twist Lock Plug		
Cord and plug, 3 conductor, 3' long, Type ST105 (white cord) 15A or 20A available		**3C-TLP-(volts)-(amps)**
Power Hook		
15A Twist lock receptacle, hook and junction box feed-through or pendant mount (3/4")		**HBPH-(volts)**
Q-Deck Plate		
For quick mounting Mounting screws not included		**Q-DECK**
Ballast Safety Cable, Adjustable		
Attaches ballast housing to the structure		
Aircraft safety cable	Max 10' long	**HB-BSC10**
Aircraft safety cable	Max 20' long	**HB-BSC20**
Optical Assembly Safety Cable		
20" long aircraft safety cable, attaches reflector to the ballast housing		**HB-RSC**

Description
Replacement ballasts for AccuLite magnetic HID, electronic HID and electronic compact fluorescent luminaires.

Features
Standard HID Ballast Easy installation • Use existing ballast mounting hardware

Premium Ballasts Energy saving • Long life • High temperature rating • UL and CSA certified

Multi-voltage Quad-Tap or Tri-Tap ballasts (most sizes)

Universal Fits all AccuLite luminaires and most other HID luminaires (consult factory for dimensions)

Ordering Information Example: **AB400PS-QT-POT**

Series	Lamp (Watts/Type)	Volts	Options
AB	350PS	-QT	-POT

Magnetic HID Ballast

AB

Pulse Start Metal Halide

50PS, 70PS, 100PS, 150PS

Ⓔ **175PS, 200PS, 250PS, 320PS, 350PS, 400PS, 450PS**

750PS*, **750SC***, **875PS***, **875SC***, **1000PS***, **1000SC***

Probe Start Metal Halide

175MH, 250MH, 400MH, 1000MH*, **1000MSC***, **1500MH**

High Pressure Sodium

35HP, 50HP, 70HP, 100HP, 150HP, 250HP, 400HP, 1000HP

High Pressure Sodium - Reactor

35HP, 50HP, 70HP, 100HP, 150HP

Magnetic Ballast

- QT Quad Tap
120V, 208V, 240V, 277V

- TT Tri Tap
120V, 277V, 347V

- 480 480V

- 120NP Reactor - Normal power factor (HPS only)

- 120R Reactor - High power factor (HPS only)

Isolated Secondary Ballast
- IS Magnetic HID only
(Consult factory for availability)

Protected Igniter
- PI Magnetic HPS only

Potted Ballasts
- POT Magnetic HID only

Electronic HID Ballast

EAB

Pulse Start Metal Halide
50PS, 70PS, 100PS, 150PS, 175PS 320PS, 350PS, 400PS

- E12 120V Max 175W
- E27 277V Max 175W
- E34 347V Max 150W

- U27 200V through 277V
250W, 320W, 350W, 400W only

Electronic CFL Ballast

CFB

Compact Fluorescent

One lamp
126CF, 132CF, 142CF, 157CF, 170CF

Two lamps
226CF, 232CF, 242CF

- UN 120/277V
- E12 120V
- E27 277V
- E34 347V

* 750SC, 875SC, 1000SC and 1000MSC fit ALX Series luminaires
750PS, 850PS, 1000PS & 1000MH fit all other AccuLite luminaires.
† **Metal Halide** :
Ⓔ EISA - Pulse Start MH: 150W electronic & 175W - 450W meets Energy Independence & Security Act (EISA) requirements.

T-Series

TE-Series

TK-Series

TF-Series

Description

AccuLite fluorescent highbay luminaires are an excellent solution for commercial, retail and industrial applications where a linear light source is required. AccuLite fluorescent highbays are available in four configurations: The T Series features premium construction with post painted heavy gauge formed steel housing and is available in 4 and 6 lamp versions. The TK Series features an open frame construction for maximum fixture efficiency. The TE Series is available in 4 and 6 lamp versions with a full body design. The TF Series features a full body with a more value oriented design

Features

Optics Miro 4® reflector - 95% enhanced specular aluminum • Painted Reflector - 92% high performance white aluminum • Optional: uplight slots to reduce cave effect (T, TE and TK only)

Lens Available with T-Series, TE-Series and TF-Series • Prismatic acrylic • Clear polycarbonate or acrylic (depending on fixture)

Construction Break formed heavy gauge cold rolled steel housing features a return lip for increased rigidity

Finish T-Series - post process white polyester powder coat • TE, TK and TF-Series - white polyester powder coat, pre-painted

Instant On Fluorescent lamps provide instant on and instant restrike after a momentary power outage

Energy Savings Energy savings can be achieved with motion sensors or through the use of multi-level switching

Lampholder Rotary lock lampholders are standard

Electronic Ballast Premium T5HO - Programmed Start, BF = 1.0 • Premium T8 High light output, Instant Start - BF = 1.15 to 1.20 • Normal light output, Instant Start - BF = 0.87-0.90

Listing UL1598/CSA C22.2 250

Ordering Information Example: T5-654-U-P24-WS-US

Series	Lamp (Watts/Type)	Volts	Ballast Type	Reflector	Options
T5	-654	-U	-P24	-WS	-US

24" X 48" Body
Four or six lamp
T5 48" T5HO lamp
T8 48" T8 lamp

54W T5HO lamp
-454 Four lamp
-654 Six lamp

32W T8 lamp
-432 Four lamp
-632 Six lamp

T5HO
-U 120 thru 277V
-1 120V
-2 277V
-3 347V
-4 480V

T8
-U 120 thru 277V
-1 120V
-2 277V
-3 347V
-4 480V

Programmed Start T5HO Electronic
1.0 ballast factor
-P2 Two lamps per ballast
-P4 Four lamps per ballast
-P24 One two-lamp and one four-lamp ballast

Instant Start - T8 Electronic High Light Output
1.15-1.20 ballast factor
-H2 Two lamps per ballast
-H4 Four lamps per ballast
-H24 One two-lamp and one four-lamp ballast

For other ballast types, consult factory.

- WS Miro 4® 95% aluminum
- WW 92% White aluminum

See below

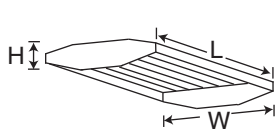
Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Lens Assembly Hinged steel door frame and lens, white polyester powder coat finish	
Acrylic Prismatic	**T-W24-AP**
Polycarbonate Clear	**T-W24-PPC**
Wire Guard Assembly Steel wire guard & hinged door with lens, White polyester powder coat finish	**T-W24-WG**
Lens and Wire Guard Assembly Steel wire guard & hinged door White polyester powder coat finish	
Acrylic Prismatic	**T-W24-AG**
Polycarbonate Clear	**T-W24-PG**
Mounting Accessories **Pendant Hanger Kit** Ensures a rigid mono-point installation	**T-PH**
Chain set	**T-CH5**
Cord & Plug 3 conductor cord, 15A twist-lock plug 6 feet long, indicate voltage	**6C-TLP-volts-15**
For other plug and wire arrangements consult factory	
Motion Detector	
120, 277, 347V	**SLSFPS1347**
208, 240, 480V	**SLSFPS1480**

Options (Options are factory installed)

Description	Suffix
Lamp	
Fluorescent 4100K T5HO or T8	**- L4**
Fluorescent 5100K T5HO or T8	**- L5**
Uplight Slots Provides 10% uplight for ceiling illumination	**- US**
Emergency Ballast Replace voltage suffix "-U" with line voltage suffix (120V or 277V only)	
1 lamp	**- E1**
2 lamp (T8 only)	**- E2**
Fuse Holder Supplied with fuse Replace voltage suffix "-U" with line voltage suffix Single pole - Line to neutral	**- F1**

Dimensions



	L	W	H
T5	48"	23 7/16"	5 1/16"
T8	48"	23 7/16"	5 1/16"

Ordering Information Example: T5E-654-U-P24-S-E1

Series	Lamps No & Wattage	Ballast Volts	Ballast Type	Reflector	Options
T5E	654	U	P24	S	E1

T5HO Lamps

T5E

54W - T5HO
-454 Four lamps
-654 Six lamps

- U 120 thru 277V
- 3 347V
- 4 480V

Programmed Start (T5HO Electronic)
1.0 ballast factor

- P2 Two lamps per ballast
- P4 Four lamps per ballast
- P24 One two lamp and one four lamp ballast

- S Miro IV 95% aluminum
- W 92% White aluminum

See below

T8 Lamps

T8E

32W T8
-432 Four lamps
-632 Six lamps

- U 120 thru 277V
- 3 347V
- 4 480V

Instant Start (T8 Electronic)
High Light Output Ballast
1.15 to 1.20 ballast factor

- H2 Two lamps per ballast
- H4 Four lamps per ballast
- H24 One two lamp and one four lamp ballast

- U 120 thru 277V
- 3 347V

Instant Start (T8 Electronic)
Normal Light Output Ballast
0.87 to 0.90 ballast factor

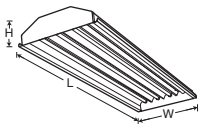
- N2 Two lamps per ballast
- N3 Three lamps per ballast
- N4 Four lamps per ballast
- N24 One two lamp and one four lamp ballast

- U 120 thru 277V

Programmed Start (T8 Electronic)
1.0 ballast factor
For use with motion sensor

- P4 Four lamps per ballast
- P24 One two lamp and one four lamp ballast

Dimensions



Four Lamp

	L	W	H
T5E	48"	13 1/4"	3 3/4"
T8E	48"	13 1/4"	3 3/4"

Six Lamp

	L	W	H
T5E	48"	20 1/8"	3 7/8"
T8E	48"	20 1/8"	3 7/8"

Options (Options are factory installed)

Description	Suffix
Lamp	
Fluorescent 4100K T5 or T8	**- L4**
Fluorescent 5100K T5 or T8	**- L5**
Uplight Slots	**- US**
(Not available with H2, N2 or P2 ballasts)	
Emergency Ballast	
Replace voltage suffix "-U" with line voltage suffix (120V or 277V only)	
1 lamp	**- E1**
2 lamp (T8 only)	**- E2**
Fuse Holder	
Supplied with fuse	
Replace voltage suffix "-U" with line voltage suffix	
One fuse holder	**- F1**
Cord & Plug	
6' cord and twist lock plug	**- 6CT**
6' cord (Black)	**- 6C**
6' cord (White)	**- 6CW**
Motion Sensor	
Installed and preset for wide areas (Also includes aisle lens) For T8 lamps must use the programmed start ballast.	**- M**

For additional options, consult factory

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Lens, Hinged		
6 Lamp Prismatic Acrylic		**TE-6-APH**
6 Lamp Clear Acrylic		**TE-6-ACH**
4 Lamp Prismatic Acrylic		**TE-4-APH**
4 Lamp Clear Acrylic		**TE-4-ACH**
Wire Guard		
White polyester powder coat finish		
4 Lamp Luminaires		**TE-4-WG**
6 Lamp Luminaires		**TE-6-WG**
Lens and Wire Guard		
White polyester powder coat finish		
4 Lamp Luminaires		
	Prismatic Acrylic	**TE-4-AG**
	Clear Polycarbonate	**TE-4-PG**
6 Lamp Luminaires		
	Prismatic Acrylic	**TE-6-AG**
	Clear Polycarbonate	**TE-6-PG**
Mounting Accessories		
Quick Hanger	3' Chain	**TE-SH-3**
	5' Chain	**TE-SH-5**
Toggle Kit	10' Cable	**TE-YT-10**

Description	Catalog #
Cord & Plug	
3 conductor cord, 15A twist-lock plug 6 feet long, indicate voltage	**6C-TLP-volts-15**
For other plug and wire arrangements consult factory	
Motion Detector	
120, 277, 347V	**SLSFPS1347**
208, 240, 480V	**SLSFPS1480**

Ordering Information Example: T5K-654-U-P24-S

Series	Lamps No & Wattage	Ballast Volts	Ballast Type	Reflector	Options
T5K	654	U	P24	S	L4

T5HO Lamps

T5K

54W - T5HO
-454 Four lamps
-**654** Six lamps

- **U** 120 thru 277V
  - **- 1** 120V
  - **- 2** 277V
  - **- 3** 347V
  - **- 4** 480V

Programmed Start (T5HO Electronic)
1.0 ballast factor

- **- P2** Two lamps per ballast
- **- P4** Four lamps per ballast
- **- P24** One two lamp and one four lamp ballast

- **- S** 95% Reflective Specular
- **- W** High Reflective White

See below

T8 Lamps

T8K

32W T8
-432 Four lamps
-632 Six lamps

- **U** 120 thru 277V
  - **- 1** 120V
  - **- 2** 277V
  - **- 3** 347V
  - **- 4** 480V

Instant Start (T8 Electronic)
High Light Output Ballast
1.15 to 1.20 ballast factor

- **- H2** Two lamps per ballast
- **- H4** Four lamps per ballast
- **- H24** One two lamp and one four lamp ballast

- **U** 120 thru 277V
  - **- 3** 347V

Instant Start (T8 Electronic)
Normal Light Output Ballast
0.87 to 0.90 ballast factor

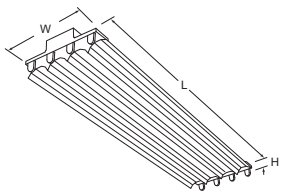
- **- N2** Two lamps per ballast
- **- N4** Four lamps per ballast
- **- N24** One two lamp and one four lamp ballast

- **U** 120 thru 277V

Programmed Start (T8 Electronic)
1.0 ballast factor
For use with motion sensor

- **- P2** Two lamps per ballast
- **- P4** Four lamps per ballast
- **- P24** One two lamp and one four lamp ballast

Dimensions



Four Lamp

	L	W	H
T5K	48"	12 1/2"	3 1/2"
T8K	48"	12 1/2"	3 1/2"

Six Lamp

	L	W	H
T5K	48"	14"	3 3/4"
T8K	48"	14"	3 3/4"

Options (Options are factory installed)

Description	Suffix
Lamp	
Fluorescent 4100K T5 or T8	**- L4**
Fluorescent 5100K T5 or T8	**- L5**
Uplight Slots	**- US**
Fuse Holder	
Supplied with fuse Replace voltage suffix "-U" with line voltage suffix One fuse holder	**- F1**
Cord & Plug	
6 feet cord and twist lock NEMA plug, 15A rated, must specify line voltage	**- 6CT**
6 feet cord (Black)	**- 6C**
6 feet cord (White)	**- 6CW**
Motion Sensor	
Installed and preset for wide areas (Also includes aisle lens) For T8 lamps must use the programmed start ballast.	**- M**

For additional options, consult factory

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Motion Sensor		
120, 277, 347V		**SLSFPS1347**
208, 240, 480V		**SLSFPS1480**
Cord & Plug		
6 feet cord and twist lock NEMA plug, 15A rated, 120V		**6C-TLP-120-15A**
6 feet cord and twist lock NEMA plug, 15A rated, 277V		**6C-TLP-277-15A**
For other plug and wire arrangements consult factory		
Mounting Accessories		
Quick Hanger		
	3' Chain	**TE-SH-3**
	5' Chain	**TE-SH-5**
Toggle Kit	10' Cable	**TE-YT-10**

Ordering Information Example: T5E-654-U-P24-S-E1

T5F-454-U-P4-S	4 lamp program start T5HO 120/277V
T5F-654-U-P2-S	6 lamp program start T5HO 120/277V
T5F-454-3-P4-S	4 lamp program T5HO 347/480V
T5F-654-3-P2-S	6 lamp program T5HO 347/480V
T8F-432-U-N4-S	4 lamp normal output instant start T8 120/277V
T8F-632-U-N24-S	6 lamp normal output instant start T8 120/277V
T8F-432-U-H4-S	4 lamp high output instant start T8 120/277V
T8F-632-U-H24-S	6 lamp high output instant start T8 120/277V
T8F-632-3-H24-S	6 lamp high output instant start T8 347V
T8F-432-U-P4-S	4 lamp program start T8 120/277V
T8F-632-U-P24-S	6 lamp program start T8 120/277V

Options (Options are factory installed)

Description	Suffix
Lamp	
Fluorescent 4000K T5 or T8	**- L4**

For additional options, consult factory

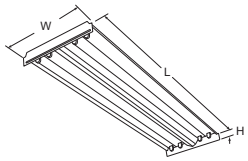
Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Wire Guard Assembly	
Steel wire guard, 6 lamp version	**TF-6-WG**
Steel wire guard, 4 lamp version	**TF-4-WG**
Lens Assembly	
Acrylic, wraparound style lens	
6 lamp version	**TF-6-AC**
4 lamp version	**TF-4-AC**
Cord & Plug	
6 feet cord and twist lock NEMA plug, 15A rated, 120V	**6C-TLP-120-15A**
6 feet cord and twist lock NEMA plug, 15A rated, 277V	**6C-TLP-277-15A**

For other plug and wire arrangements consult factory

Description		Catalog #
Motion Sensor		
120-347V		**SLSFPS1347**
480V		**SLSFPS1480**
Mounting Accessories		
Toggle Kit	10' Cable	**TE-YT-10**

Dimensions



Four Lamp

	L	W	H
T5F	48"	13"	2 1/2"
T8F	48"	13"	2 1/2"

Six Lamp

	L	W	H
T5F	48"	16"	3 1/2"
T8F	48"	16"	3 1/2"

MEGA: Standard Profile
16" Reflector

EGA: Standard Profile
22" Reflector

Description

The Accuglo™ "EGA" and "MEGA" lowbays offer all the performance features found in the standard Accuglo™ lowbay. The ballast housing, junction box and optical assembly are gasketed. With a soft luminous appearance and low brightness, the Accuglo™ lowbay's high performance optics create an energy efficient luminaire, designed to provide sufficient uplight to eliminate the visually distressing dark ceiling "cavern effect." This benefits the end user with increased production efficiencies through improved worker morale.

Features

Totally Enclosed and Gasketed Certified for use in enclosed and gasketed applications • Gasketed at the junction box, ballast assembly and optical assembly

Vented Luminaire Furnished with a filtered breather to prevent the build up of moisture maintaining superior optical performance

Optics High performance optical assembly. Low surface brightness luminaire with high reflectance (95%) white polyester powder coat finish and acrylic lens

Easy Installation Heavy duty stainless steel spring tension latches secure the reflector, allowing easy relamping • The fixture is designed to hang plumb without extra work for the contractor

Construction Heavy duty die cast aluminum ballast housing • Stainless steel latches

Finish White polyester powder coat, reflector and ballast

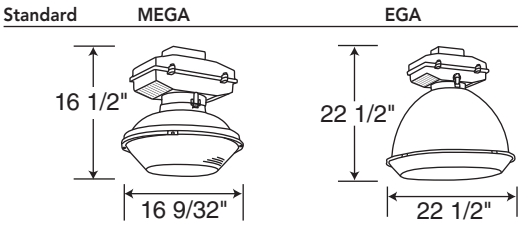
Lampholder Specification grade porcelain
- MEGA 50-150W PS medium base
- MEGA 175-250W mogul base
- EGA mogul base

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250
- Suitable for wet locations

Dimensions

3/4" Hub
Add 3" when supplied with hook



Ordering Information Example: **EGA320PS-QT-L-PLS**

Series	Lamp (Watts/Type)	Volts	Options	Socket
EGA	**320PS**	**-QT**	**-L**	**-PLS**

Standard Profile
MEGA 16" Reflector
EGA 22" Reflector

● **Pulse Start Metal Halide**†
16" reflector
50PS, 70PS, 100PS ED17
150PS ED17
Ⓔ **175PS, 200PS** ED28

22" reflector
Ⓔ **175PS, 200PS, 250PS** ED28
320PS, 350PS, 400PS , 450PS ED37

Probe Start Metal Halide†
16" reflector
§ **175MH** ED28
250MH ED28

22" reflector
§ **175MH, 250MH** ED28
400MH ED37

● **High Pressure Sodium**
16" reflector
35HP, 50HP, 70HP, 100HP, 150HP BD17

22" reflector
150HP ED28
250HP, 400HP ED18

Integral Ballast
35W & 50W HPS
-120 120V,
-277 277V,
-347 347V

50W - 450W MH or PS
70W - 400W HPS
-QT‡ - Quad Tap
120V, 208V, 240V, 277V

-TT - Tri Tap
120V, 277V, 347V

100W - 450W
-480‡ - 480V

Remote Ballast
-RB Order remote ballast separately
See RBR Series Remote Ballasts section

See below

-PLS Socket for protected lamp (required for MH and PS)

Options (Options are factory installed)

Description		Suffix
Lamp		
Coated Lamp (Recommended for MH - MEGA)		**- CL**
Clear Lamp		**- L**
Potted Ballasts		
For low noise requirements		
Not available with lamps over 450W and LP models		**- POT**
Quartz Auxiliary with Delay		
Double contact bayonet base		
Quartz lamp not included	Cold Start/Hot Restrike	**- Q**
Fuse Holder		
Supplied with fuse		
Replace "-QT" & "-TT" with line voltage		
Single pole - Line to neutral		**- F1**
Two pole - Line to line		**- F2**
Lamp Socket Protector		
Use on line to line circuits		
when required by local certifying bodies		**- LSP**

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Safety Hook - Enclosed & Gasketed		
3/4" NPT		
Die cast aluminum	Male - Direct mount to fixture	**EHK75SS**
	Female - Pendant mounting	**EHF75SS**
Cord Set		
For wet location		**3C-SOW**
Cord only, 3 conductor, 3' long, Type SOW		
Q-Deck Plate		
For quick mounting		**Q-DECK**
Mounting screws not included		
Ballast Safety Cable, Adjustable		
Attaches ballast housing to the structure		
Aircraft safety cable	Max 10' long	**HB-BSC10**
	Max 20' long	**HB-BSC20**
Optical Assembly Safety Cable		
Attaches reflector to the ballast housing		
Aircraft safety cable	Max 20" long	**HB-RSC**
Wire Guard	16" Dia.	**MAG-WG**
	22" Dia.	**AG-WG**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 175W - 400W meets Energy Independence & Security Act (EISA) requirements.
‡**Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".
§**Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

MEGA: **Standard Profile**
16" Reflector

EGA: **Standard Profile**
22" Reflector

Description
NSF listed Food Equipment, suitable for hose down. The Accuglo™ lowbay is available for food processing applications. With a soft luminous appearance and low brightness, the Accuglo™ lowbay's high performance optics create an energy efficient luminaire for food processing applications. These optics are designed to provide sufficient uplight to eliminate the visually distressing dark ceiling "cavern effect."

Features
NSF Standard 2 Food Equipment (Washdown)
• Certified to NSF/ANSI 02 • Enclosed and gasketed
• Suitable for washdown application to 1000 PSI

Vented Luminaire Furnished with a filtered breather to prevent the build up of moisture maintaining superior optical performance

Optics High performance optical assembly. Low surface brightness luminaire with high reflectance (95%) white polyester powder coat finish and acrylic lens

Easy Installation Rigid mount on 3/4" conduit
• Heavy duty spring tension latches secure the reflector, allowing easy relamping

Construction Heavy duty die cast aluminum ballast housing • Stainless steel latches

Finish White polyester powder coat, reflector and ballast housing

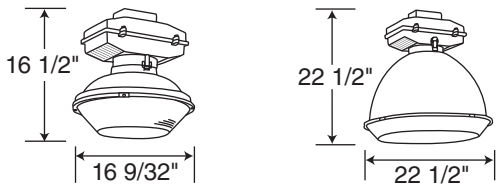
Lampholder Specification grade porcelain
• MEGA 50-150W PS medium base
• MEGA 175-250W mogul base
• EGA mogul base

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250
• NSF/ANSI 02 • Suitable for wet locations

Dimensions

Standard	MEGA	EGA



Ordering Information Example: **EGA320PS-QT-NF-L-PLS**

Series	Lamp (Watts/Type)	Volts	Rated for Food Equipment	Options	Socket
EGA	**320PS**	**-QT**	**-NF**	**-L**	**-PLS**

Standard Profile
MEGA 16" Reflector
EGA 22" Reflector

● **Pulse Start Metal Halide**†
16" reflector
50PS, 70PS, 100PS ED17
150PS ED17
Ⓔ **175PS, 200PS** ED28

22" reflector
Ⓔ **175PS, 200PS, 250PS** ED28
320PS, 350PS, 400PS , 450PS ED37

Probe Start Metal Halide†
16" reflector
§ **175MH** ED28
250MH ED28

22" reflector
§ **175MH, 250MH** ED28
400MH ED37

● **High Pressure Sodium**
16" reflector
35HP, 50HP, 70HP, 100HP, 150HP BD17

22" reflector
150HP ED28
250HP, 400HP ED18

Integral Ballast
35W & 50W HPS
-120 120V,
-277 277V,
-347 347V

50W - 450W MH or PS
70W - 400W HPS
-QT‡ - Quad Tap
120V, 208V, 240V, 277V

-TT - Tri Tap
120V, 277V, 347V

100W - 450W
-480‡ - 480V

NSF/ANSI 02 Certified
-NF - Food Equipment Rated
Suitable for wash-down
Max. 1000 PSI

See below

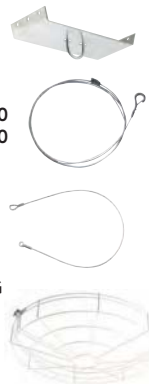
-PLS Socket for protected lamp (required for MH and PS)

Options (Options are factory installed)

Description		Suffix
Lamp		
Coated Lamp (Recommended for MH - MEGA)		**- CL**
Clear Lamp		**- L**
Potted Ballasts		
For low noise requirements		
Not available with lamps over 450W		**- POT**
Quartz Auxiliary with Delay		
Double contact bayonet base		
Quartz lamp not included	Cold Start/Hot Restrike	**- Q**
Fuse Holder		
Supplied with fuse		
Replace "-QT" & "-TT" with line voltage		
Single pole - Line to neutral		**- F1**
Two pole - Line to line		**- F2**
Lamp Socket Protector		
Use on line to line circuits		
when required by local certifying bodies		**- LSP**

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Hook and Cord		Not Available
Q-Deck Plate		
For quick mounting		**Q-DECK**
Mounting screws not included		
Ballast Safety Cable, Adjustable		
Attaches ballast housing to the structure		
Aircraft safety cable	Max 10' long	**HB-BSC10**
	Max 20' long	**HB-BSC20**
Optical Assembly Safety Cable		
Attaches reflector to the ballast housing		
Aircraft safety cable	Max 20" long	**HB-RSC**
Wire Guard	16" Dia.	**MAG-WG**
	22" Dia.	**AG-WG**



† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 175W - 400W meets Energy Independence & Security Act (EISA) requirements.
‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".
§**Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

MAG: **Standard Profile**
16" Reflector

AG: **Standard Profile**
22" Reflector

LPMAG: **Low Profile**
16" Reflector

LPAG: **Low Profile**
22" Reflector

Description
The Accuglo™ lowbay combines installation and operating economies with excellent visual comfort at low to medium installation heights. With a soft luminous appearance and low brightness, the Accuglo™ lowbay's high performance optics create an energy efficient luminaire for commercial, retail and industrial applications. These optics are designed to provide sufficient uplight to eliminate the visually distressing dark ceiling "cavern effect."

Features

Enclosed Luminaires Gasket between the ballast and reflector

Optics High performance optical assembly • Low surface brightness luminaire with high reflectance (95%) white polyester powder coat finish and acrylic lens • Luminaire efficiencies up to 84% for metal halide lamps are achieved with the Accuglo lowbay's optics

Easy Installation Heavy duty spring tension latches secure the reflector • The fixture is designed to hang plumb without extra work for the contractor

Construction Heavy duty die cast aluminum ballast housing • Steel latches

Finish White polyester powder coat reflector and ballast

Lampholder Specification grade porcelain • MAG 35W thru 150WPS - medium base, MAG 175-250W - mogul base • AG - mogul base

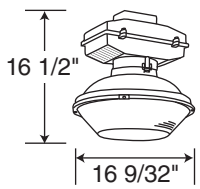
HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250

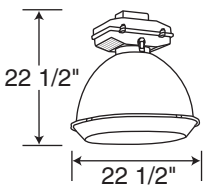
Dimensions

3/4" Hub
Add 3" when supplied with hook

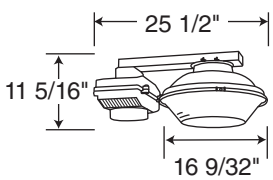
Standard **MAG**



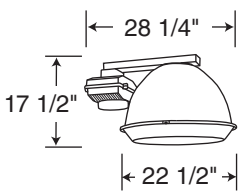
AG



Low Profile **LPMAG**



LPAG



Ordering Information Example: **AG320PS-QT-L-PLS**

Series	Lamp (Watts/Type)	Volts	Options	Socket
AG	**320PS**	**-QT**	**-L**	**-PLS**

Standard Profile
MAG 16" Reflector
AG 22" Reflector

Low Profile
LPMAG 16" Reflector
Max 150W PS or 150W HP
LPAG 22" Reflector

● **Pulse Start Metal Halide**†
16" reflector
50PS, 70PS, 100PS ED17
§ **150PS** ED17
Ⓔ **175PS, 200PS** ED28
22" reflector
Ⓔ **175PS, 200PS, 250PS** ED28
320PS, 350PS, 400PS , 450PS ED37

Probe Start Metal Halide†
16" reflector
§ **175MH** ED28
250MH ED28
22" reflector
§ **175MH, 250MH** ED28
400MH ED37

● **High Pressure Sodium**
16" reflector
35HP, 50HP, 70HP, 100HP, 150HP BD17
22" reflector
150HP ED28
250HP, 400HP ED18

Integral Ballast
35W & 50W HPS
-120 120V,
-277 277V,
-347 347V
50W - 450W MH or PS
70W - 400W HPS
-QT‡ - Quad Tap
120V, 208V, 240V, 277V
-TT - Tri Tap
120V, 277V, 347V
100W - 450W
-480‡ - 480V

Remote Ballast
-RB Order remote ballast separately
See RBR Series Remote Ballasts section

See below

-PLS Socket for protected lamp (required for MH and PS)

Options (Options are factory installed)

Description	Suffix
Lamp	
Coated Lamp (Recommended for MH- MAG & LPMAG)	**- CL**
Clear Lamp	**- L**
Potted Ballasts	
For low noise requirements Not available with lamps over 450W and LP models	**- POT**
Quartz Auxiliary with Delay	
Double contact bayonet base Quartz lamp not included Cold Start/Hot Restrike	**- Q**
Fuse Holder	
Supplied with fuse Replace "-QT" & "-TT" with line voltage	
Single pole - Line to neutral	**- F1**
Two pole - Line to line	**- F2**
Lamp Socket Protector	
Use on line to line circuits when required by local certifying bodies	**- LSP**

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #	
Safety Hook 3/4" NPT Die cast aluminum	Male - Direct mount to fixture	**HK75SS**	
	Female - Pendant mounting	**HF75SS**	
Cord Set For indoor luminaires (dry location). Cord only, 3 conductor, 3' long, Type ST105 (white cord)		**3C**	
Cord & Twist Lock Plug Cord and plug, 3 conductor, 3' long, Type ST105 (white cord) 15A or 20A available		**3C-TLP-(volts)-(amps)**	
Power Hook Twist lock receptacle, hook and junction box feed-through or pendant mount (3/4")		**HBPH-(volts)**	
Q-Deck Plate For quick mounting Mounting screws not included		**Q-DECK**	
Ballast Safety Cable, Adjustable Attaches ballast housing to the structure			
Aircraft safety cable	Max 10' long	**HB-BSC10**	
	Max 20' long	**HB-BSC20**	
Optical Assembly Safety Cable Attaches reflector to the ballast housing			
Aircraft safety cable	Max 20" long	**HB-RSC**	
Wire Guard	16" Dia.	**MAG-WG**	
	22" Dia.	**AG-WG**	

† **Metal Halide:**
EISA - Pulse Start MH: 175W - 400W meets Energy Independence & Security Act (EISA) requirements.

‡**Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

§**Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

MAG: Standard Profile
16" Reflector

AG: Standard Profile
22" Reflector

LPMAG: Low Profile
16" Reflector

LPAG: Low Profile
22" Reflector

Description

With an enclosed optical assembly, the Accuglo™ lowbay "-RG" models are designed for applications where a totally enclosed and gasketed luminaire is not necessary. The Accuglo™ lowbay combines installation and operating economies with excellent visual comfort at low to medium installation heights. With a soft luminous appearance and low brightness, the Accuglo™ lowbay's high performance optics create an energy efficient luminaire for industrial applications. These optics are designed to provide sufficient uplight to eliminate the visually distressing "cavern effect."

Features

Gasketed Optical Assembly Gasketed between the ballast & reflector and between the reflector & lens

Optics High performance optical assembly • Low surface brightness luminaire with high reflectance (95%) white polyester powder coat finish and acrylic lens

Easy Installation Heavy duty spring tension latches secure the reflector • The fixture hangs plumb

Construction Heavy duty die cast aluminum ballast housing • Steel latches

Finish White polyester powder coat reflector and ballast

Lampholder Specification grade porcelain • MAG 35W thru 150W - medium base, MAG 175-250W - mogul base • AG - mogul base

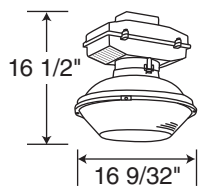
HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250

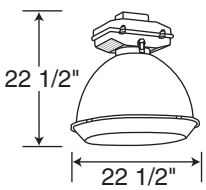
Dimensions

3/4" Hub
Add 3" when supplied with hook

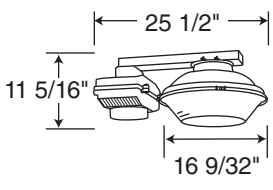
Standard MAG



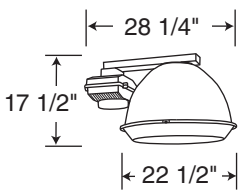
AG



Low Profile LPMAG



LPAG



Ordering Information Example: **AG320PS-QT-RG-L-PLS**

Series	Lamp (Watts/Type)	Volts	Gasketed Optical Assembly	Options	Socket
AG	**320PS**	**-QT**	**-RG**	**-L**	**-PLS**

Standard Profile
MAG 16" Reflector
AG 22" Reflector

Low Profile
LPMAG 16" Reflector
MAx 150W PS or 150W HP
LPAG 22" Reflector

● **Pulse Start Metal Halide**†
16" reflector
50PS, 70PS, 100PS ED17
§ **150PS** ED17
Ⓔ **175PS, 200PS** ED28

22" reflector
Ⓔ **175PS, 200PS, 250PS** ED28
320PS, 350PS, 400PS , 450PS ED37

Probe Start Metal Halide†
16" reflector
§ **175MH** ED28
250MH ED28

22" reflector
§ **175MH, 250MH** ED28
400MH ED37

● **High Pressure Sodium**
16" reflector
35HP, 50HP, 70HP, 100HP, 150HP BD17

22" reflector
150HP ED28
250HP, 400HP ED18

Integral Ballast
35W & 50W HPS
-120 120V,
-277 277V,
-347 347V

50W - 450W MH or PS
70W - 400W HPS
-QT‡ - Quad Tap
120V, 208V, 240V, 277V

-TT - Tri Tap
120V, 277V, 347V

100W - 450W
-480‡ - 480V

Remote Ballast
-RB Order remote ballast separately
See RBR Series Remote Ballasts section

-RG
Optical assembly is gasketed at the ballast housing and at the lens.

See below

-PLS Socket for protected lamp (required for MH and PS)

Options (Options are factory installed)

Description		Suffix
Lamp		
Coated Lamp (Recommended for MH- MAG & LPMAG)		**- CL**
Clear Lamp		**- L**
Potted Ballasts		
For low noise requirements		
Not available with lamps over 450W and LP models		**- POT**
Quartz Auxiliary with Delay		
Double contact bayonet base		
Quartz lamp not included	Cold Start/Hot Restrike	**- Q**
Fuse Holder		
Supplied with fuse		
Replace "-QT" & "-TT" with line voltage		
Single pole - Line to neutral		**- F1**
Two pole - Line to line		**- F2**
Lamp Socket Protector		
Use on line to line circuits		
when required by local certifying bodies		**- LSP**

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Safety Hook		
3/4" NPT		
Die cast aluminum	Male - Direct mount to fixture	**HK75SS**
	Female - Pendant mounting	**HF75SS**
Cord Set		
Cord only, 3 conductor, 3' long		**3C**
Q-Deck Plate		
For quick mounting		**Q-DECK**
Mounting screws not included		
Ballast Safety Cable, Adjustable		
Attaches ballast housing to the structure		
Aircraft safety cable	Max 10' long	**HB-BSC10**
	Max 20' long	**HB-BSC20**
Optical Assembly Safety Cable		
Attaches reflector to the ballast housing		
Aircraft safety cable	Max 20" long	**HB-RSC**
Wire Guard	16" Dia.	**MAG-WG**
	22" Dia.	**AG-WG**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 175W - 400W meets Energy Independence & Security Act (EISA) requirements.
‡**Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".
§**Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

Description

Suited to retail, commercial and industrial lighting applications. The Lo-Lux™ lowbay, with an economical sheet metal construction, makes an excellent choice for budget-sensitive installations.

Features

Optics Enclosed aluminum reflector • 22" reflector with acrylic lens

Plumb Mounting The fixture hangs plumb without balancing by the contractor

Construction Fabricated steel housing • Steel latches

Finish White polyester powder coat

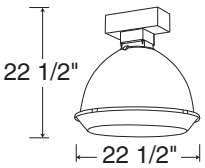
Lampholder Specification grade porcelain, mogul base

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions

3/4" Hub
Add 3" when supplied with hook



Ordering Information Example: **ALX320PS-QT-LB-L-PLS**

Series	Lamp (Watts/Type)	Volts	Reflector	Options	Socket
ALX	**320PS**	**QT**	**-LB**	**-L**	**-PLS**
ALX	● **Pulse Start Metal Halide**† 22" reflector Ⓔ **175PS, 200PS, 250PS** ED28 **320PS, 350PS, 400PS, 450PS** ED37 **Probe Start Metal Halide**† 22" reflector § **175MH, 250MH** ED28 **400MH** ED37 ● **High Pressure Sodium** 22" reflector **150HP** ED28 **250HP, 400HP** ED18	**-Q**T‡ - Quad Tap 120V, 208V, 240V, 277V **-TT** - Tri Tap 120V, 277V, 347V **-480**‡ - 480V	**-LB** Lowbay reflector	See below	**-PLS** Socket for protected lamp (required for MH and PS)

Options (Options are factory installed)

Description		Suffix
Lamp Coated Lamp		- **CL**
Clear Lamp		- **L**
Factory Pre-wired Cord only		- **C**
On multi-tap ballasts indicate line voltage		
With hook and cord		- **HC**
Quartz Auxiliary with Delay		
Double contact bayonet base		
Quartz lamp not included	Cold Start/Hot Restrike	- **Q**
	Hot Restrike	- **HQ**
Fuse Holder Supplied with fuse		
On multi-tap ballasts indicate line voltage		
Single pole - Line to neutral		- **F1**
Two pole - Line to line		- **F2**
Lamp Socket Protector Use on line to line circuits when required by local certifying bodies		- **LSP**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 175W - 400W meets Energy Independence & Security Act (EISA) requirements.
‡**Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".
§**Not for use in the United States.**
●Fixtures are ENERGY EFFICIENT.

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Safety Hook		
3/4" NPT		
Die cast aluminum	Male - Direct mount to fixture	**HK75SSB**
	Female - Pendant mounting	**HF75SS**
Power Hook		
Twist lock receptacle, hook and junction box feed-through or pendant mount (3/4")		**HBPH-(volts)**
Q-Deck Plate		
For quick mounting		**Q-DECK**
Mounting screws not included		
Ballast Safety Cable, Adjustable		
Attaches ballast housing to the structure		
Aircraft safety cable	Max 10' long	**HB-BSC10**
Aircraft safety cable	Max 20' long	**HB-BSC20**
Optical Assembly Safety Cable		
20" long aircraft safety cable, attaches reflector to the ballast housing		**HB-RSC**
Wire Guard	16" Dia.	**MAG-WG**
	22" Dia.	**AG-WG**

Description

With an enclosed optical assembly, the Lo-Lux™ "-RG" lowbay models are designed for applications where a totally enclosed and gasketed luminaire is not necessary.

Features

Enclosed Optical Assembly Reflector is gasketed at the ballast assembly and the acrylic lens is sealed to the reflector • 22" reflector with acrylic lens

Plumb Mounting The fixture hangs plumb without balancing by the contractor

Construction Fabricated steel housing • Steel latches

Finish White polyester powder coat

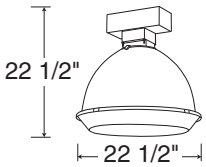
Lampholder Specification grade porcelain, mogul base

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions

3/4" Hub
Add 3" when supplied with hook



Ordering Information Example: **ALX320PS-QT-LB-RG-L-PLS**

Series	Lamp (Watts/Type)	Volts	Reflector	Gasketed Optical Assembly	Options	Socket
ALX	**320PS**	**QT**	**-LB**	**-RG**	**-L**	**-PLS**
ALX	● **Pulse Start Metal Halide**† 22" reflector Ⓔ **175PS, 200PS, 250PS** ED28 **320PS, 350PS, 400PS** ED37 **450PS** ED37 **Probe Start Metal Halide**† 22" reflector § **175MH, 250MH** ED28 **400MH** ED37 ● **High Pressure Sodium** 22" reflector **150HP** ED28 **250HP, 400HP** ED18	**-QT**‡ - Quad Tap 120V, 208V, 240V, 277V **-TT** - Tri Tap 120V, 277V, 347V **-480**‡ - 480V	**-LB** - Lowbay reflector	**-RG** - Optical assembly is gasketed at the ballast housing and at the lens.	See below	**-PLS** Socket for protected lamp (required for MH and PS)

Options (Options are factory installed)

Description		Suffix
Lamp Coated Lamp		- **CL**
Clear Lamp		- **L**
Factory Pre-wired Cord only		- **C**
On multi-tap ballasts indicate line voltage		
With hook and cord		- **HC**
Quartz Auxiliary with Delay		
Double contact bayonet base		
Quartz lamp not included	Cold Start/Hot Restrike	- **Q**
	Hot Restrike	- **HQ**
Fuse Holder Supplied with fuse		
On multi-tap ballasts indicate line voltage		
Single pole - Line to neutral		- **F1**
Two pole - Line to line		- **F2**
Lamp Socket Protector Use on line to line circuits when required by local certifying bodies		- **LSP**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 175W - 400W meets Energy Independence & Security Act (EISA) requirements.
‡**Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".
§**Not for use in the United States.**
●Fixtures are ENERGY EFFICIENT.

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Safety Hook - Enclosed & Gasketed 3/4" NPT		
Die cast aluminum	Male - Direct mount to fixture	**HK75SSB**
	Female - Pendant mounting	**HF75SS**
Cord Set		
For wet location		**3C-SOW**
Cord only, 3 conductor, 3' long, Type SOW		
Q-Deck Plate		
For quick mounting		**Q-DECK**
Mounting screws not included		
Ballast Safety Cable		
Attaches ballast housing to the structure		
Aircraft safety cable	Max 10' long	**HB-BSC10**
	Max 20' long	**HB-BSC20**
Optical Assembly Safety Cable		
Attaches reflector to the ballast housing		
Aircraft safety cable	Max 20" long	**HB-RSC**
Wire Guard	16" Dia.	**MAG-WG**
	22" Dia.	**AG-WG**

E2: 12" Acrylic Reflector
Housing - Designer Red finish

E2: 12" Aluminum Reflector
Housing - Designer Candy Apple Green finish
Reflector - Painted To Match Housing
(Suffix S12R)

Description

General and task lighting that offers a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Optics 12" spun aluminum • Premium Reflexor® acrylic 12" reflectors include clear, three shades of white, pastel or vibrant colors, granite and silver • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension • Hang straight stems

Construction Extruded aluminum housing

Finish White, black or silver polyester powder coat • Designer colors can be specified

Lampholder HID and INC - specification grade porcelain, medium base • HID fixtures are supplied with a lampholder for open rated metal halide lamps • CFL - 4 pin GX24Q base

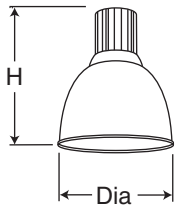
Integral Ballast Compact fluorescent, electronic ballast, maximum 57W • Pulse start metal halide, electronic ballast, maximum 100W • Incandescent max 150W

Remote Ballast Order separately • See RFB Series Remote Ballasts section to order • Consult maximum allowable lamp to ballast distance chart found with the remote ballast ordering data

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions

Series / Reflector	Dia.	H
Acrylic (-A12)	12"	15 3/4"
Aluminum (-S12)	12"	17"



Reflector Application Guide

Reflexor® reflectors - Ambient 25°C

		CFL	Incandescent		HID					
	Color	70	100	150	50PS	70PS	100PS	150PS	175MH	175PS
Clear		Yes	Yes	Open	Yes	Yes	Yes	n/a	n/a	n/a
Specialty	Silver	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Granite	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
White	Opaque	Yes	Yes	Open	Yes	Yes	Yes	n/a	n/a	n/a
	Translucent	Yes	Yes	Open	Yes	Yes	Yes	n/a	n/a	n/a
	Pearl	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pastel	Blue	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Green	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Pink	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Vibrant	Amber	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Blue	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Green	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Red	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a

YES Available up to indicated wattage

Open Open fixture only, not available with bottom closure, requires socket for protected lamp to meet NEC

n/a Not available

Ordering Information Example: **E2-70PS-UN-A12-B-SR-CS**

Series	Lamp (Watts/Type)	Ballast	Reflector	Trim & Lenses	Housing Color	Mounting
E2-	70PS	-UN	-A12	-B	-SR	-CS

E2-

Lamp (Watts/Type)

● **Pulse Start Metal Halide**† ‡
Open fixtures furnished with ANSI Type "O" lamp holder
ED17 - Medium base
50PS, 70PS, 100PS

● **Compact Fluorescent**
GX24Q base
One lamp
126CF, 132CF, 142CF, 157CF

Incandescent
Medium base
150IN

Ballast

ELECTRONIC BALLASTS (Integral)

Pulse Start Metal Halide
Max. 100W
- UN 120V - 277V
- E34 347V

Compact Fluorescent
- UN 120V - 277V
- E34 347V

REMOTE BALLAST‡
Order remote ballast separately
No Suffix
Consult chart found with the remote ballast ordering information to determine maximum lamp to ballast distance
See RFB and RBR Series Remote Ballast sections

Reflector

Acrylic*
- A12 12" Dia. Clear Acrylic

Colored Acrylic*
See Reflector Options below

Aluminum
- S12 12" Dia. Natural finish Anodized

- S12R 12" Dia. Outside surface of the reflector is painted the same color as the housing
Consult factory for a reflector painted a different color than the housing

Trim & Lenses

Basic Luminaire
No trim supplied
(Lens not available)
No Suffix

Acrylic Bottom Lens
For use with acrylic reflectors, includes clamp band
- C 12" Conical lens
- D 12" Dome lens

Deco-Ring
(Deco-Rings are painted to match the housing color)
- B Ring only

Cross Baffle Louver
- X Aluminum reflectors only

Concentric Ring Louver
See Accessories

Housing Color

Housing Color
- WH White
- BL Black
- SR Silver

Designer Colors
Consult Factory

Mounting

Stem
No Suffix
Hub for use with 1/2" or 3/4" stem

Cable Suspension
-CS
Provision for Cable Suspension (Order kit separately)

Available with remote ballast HID and all integral ballast luminaires and all incandescent

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace reflector suffix with... See "Reflector Application Guide" to left.	
Specialty Finishes	
Silver	**-A12S**
Granite	**-A12G**
Whites	
Translucent	**-T12W**
Opaque	**-O12W**
Pearl	**-P12W**
Pastel Colors	
Blue	**-P12B**
Green	**-P12G**
Pink	**-P12R**
Vibrant Colors	
Amber	**-V12A**
Blue	**-V12B**
Green	**-V12G**
Red	**-V12R**
Lamp	By Others

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Concentric Ring Louver Not available with bottom lens	
12" acrylic, white finish	**LV12A-WH**
12" aluminum, silver finish	**LV12S-SR**
Cable Suspension Kits Remote HID or Integral ballast fixtures only order separately from Accessories section Not suitable for remote ballast CFL fixtures	
Hang Straight Kits - order separately from Accessories section	

* **Acrylic Reflectors**:
Reflexor® - Acrylic optics by Lexalite™
Maximum wattage - see the Reflector Application Guide to the left.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
NEC compliance: Open Pulse Start MH fixtures are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "**-LSP**".

●Fixtures are **ENERGY EFFICIENT**.

E2: 16" Aluminum Reflector
Housing - Designer Candy Apple Red finish

E2: 16" Acrylic Reflector with Louver (Accessory)
Housing - Designer Copper finish

E2: 16" Aluminum Reflector with Cross Baffle
Housing - Designer Goldenrod finish
Reflector - Painted to match the housing
(Suffix S16R)

Multi-Lamp Plug & Play:
1: Install stem
2: Attach luminaire top plate
3: Plug color coded harness into the ballast
4: Plug in the luminaire

Description
General and task lighting that offers a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Multi-Lamp Plug and Play This unique factory installed wiring harness makes installation of multi-lamp compact fluorescent fast and easy • AccuLite remote ballasts are supplied with the mating connector • 1: Attach the stem, 2: Attach the luminaire top plate, 3: Plug the color coded wire bundles into the ballasts (the wiring is bundled with one bundle per ballast), 4: Plug the luminaire into the wiring harness

Optics Three styles of 16" diameter reflectors, prismatic borosilicate glass, spun aluminum and premium Reflexor® acrylic • Acrylic reflectors are available in two shades of white • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension • Hang straight stems

Construction Extruded aluminum housing

Finish White, black or silver polyester powder coat • Designer colors can be specified

Lampholder HID - specification grade porcelain, medium or mogul base • HID fixtures are supplied with a lampholder for open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

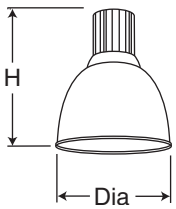
Integral Electronic Ballast Compact fluorescent maximum four 42W or two 70W lamps • Pulse start metal halide maximum 100W

Remote Ballast Order remote ballast separately • See RFB Series Remote Ballasts section • Consult maximum allowable lamp to ballast distance chart found with the remote ballast ordering data • Maximum 4 X 70W CFL or 400W HID

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions

Series / Reflector	Dia.	H
Acrylic (-A16)	16"	19 1/2"
Glass (-G16)	15 3/8"	19 3/4"
Aluminum (-S16)	16"	19 1/2"



Ordering Information Example: E2-442CF-UN-A16-B-SR-CS

Series	Lamp (Watts/Type)	Ballast	Reflector	Trim & Lenses	Color	Housing Options
E2-	442CF	UN	-A16	-B	-SR	-CS

E2-

Pulse Start Metal Halide†
Fixtures furnished with ANSI Type "O" lamp holder

ED17 - Medium base
50PS, 70PS, 100PS
§ Ⓔ{**150PS**†

ED28 - Mogul base
Ⓔ{**175PS, 200PS, 250PS**†

ED37 - Mogul base
Ⓔ{**320PS, 350PS, 400PS**†

Probe Start Metal Halide†
Fixtures furnished with ANSI Type "O" lamp holder

ED28 - Mogul base
§ {**175MH, 250MH**

ED37 - Mogul base
§ {**400MH**

Compact Fluorescent
GX24Q base

One lamp - Integral or Remote Ballast
126CF, 132CF, 142CF, 157CF, 170CF

Two lamps - Integral or Remote Ballast
226CF, 232CF, 242CF, 257CF, 270CF

Three lamps - Integral Ballast
326CF, 332CF, 342CF

Three lamps - Remote Ballast
326CF, 332CF, 342CF, 357CF, 370CF

Four lamps - Integral Ballast
426CF, 432CF, 442CF

Four lamps - Remote Ballast
426CF, 432CF, 442CF, 457CF, 470CF

Incandescent
Mogul base
300IN, 500IN
500W Acrylic (open fixture only)

ELECTRONIC BALLASTS
(Integral)

Pulse Start Metal Halide
Max. 100W
- UN 120V - 277V
- E34 347V

Compact Fluorescent
Max. 4 lamp X 42W
2 lamp X 70W
- UN 120V - 277V
- E34 347V

REMOTE BALLAST‡
Order remote ballast separately
No Suffix

Consult chart found with the remote ballast ordering information to determine maximum lamp to ballast distance
See RFB and RBR Series Remote Ballast sections

Glass
- G16 16" Dia.
Borosilicate glass

Acrylic*
- A16 16" Dia.
Clear Acrylic

Colored Acrylic*
See Reflector Options below

Aluminum
- S16 16" Dia.
Natural finish Anodized

Colored Aluminum
- S16R 16" Dia.
Outside surface of the reflector is painted the same color as the housing

Consult factory for a reflector painted a different color than the housing

Basic Luminaire
No trim supplied
No Suffix

Acrylic Bottom Lens
For use with acrylic reflectors, includes clamp band
- C 16" Conical lens
- D 16" Drop lens

Deco-Ring
Deco-Rings are painted to match housing color
- B Ring only

Cross Baffle Louver
- X Aluminum reflectors only. Available for ED17 lamps only.

Concentric Ring Louver
See Accessories

Housing Color
- WH White
- BL Black
- SR Silver

Designer Colors
Consult Factory

Stem
No Suffix
Hub for use with 1/2" or 3/4" stem

Cable Suspension -CS
Provision for Cable Suspension (Order kit separately)

Available with remote ballast HID and all integral ballast luminaires and all incandescent

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace reflector suffix with ...	
Whites	
Translucent	**-T16W**
Opaque	**-O16W**
Lamp - by others	

* **Acrylic Reflectors**:
Reflexor® acrylic optics by Lexalite™
Maximum: 400W open reflector, 250W with bottom closure @ 25°C ambient.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
Ⓔ EISA -Pulse Start MH: 150W electronic & all 175W - 400W meet EISA requirements.
NEC compliance: Pulse Start & Probe Start MH fixtures are furnished with a lamp-holder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "**-LSP**".

§**Not for use in the United States when magnetic ballast is installed.**

●Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Concentric Ring Louver	Not available with bottom lens	
	16" glass, white finish	**LV16G-WH**
	16" acrylic, white finish	**LV16A-WH**
	16" aluminum, silver finish	**LV16S-SR**
Cable Suspension Kits	Remote HID, Integral ballast, or incandescent fixtures only Order separately from Accessories section Not suitable for remote ballast CFL fixtures	
Hang Straight Kits - order separately from Accessories section		

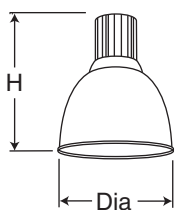
E2: 22" Acrylic Reflector Housing - Standard White finish

E2: 22" Aluminum Reflector Housing - Standard White Finish Reflector - Standard Anodized finish

Multi-Lamp Plug & Play:
1: Install stem
2: Attach luminaire top plate
3: Plug color coded harness into the ballast
4: Plug in the luminaire

Dimensions

Series / Reflector	Dia.	H
Acrylic (-A22)	22"	21 3/4"
Aluminum (-S22)	21 1/4"	22 1/4"



Description
General and task lighting that offers a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Multi-Lamp Plug and Play This unique factory installed wiring harness makes installation of multi-lamp compact fluorescent fast and easy • AccuLite remote ballasts are supplied with the mating connector • 1: Attach the stem, 2: Attach the luminaire top plate, 3: Plug the color coded wire bundles into the ballasts (the wiring is bundled with one bundle per ballast), 4: Plug the luminaire into the wiring harness

Optics Two styles of 22" diameter reflectors: spun aluminum and premium Reflexor® acrylic • Acrylic reflectors are available in two shades of white • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension • Hang straight stems

Construction Extruded aluminum housing

Finish White, black or silver polyester powder coat • Designer colors can be specified

Lampholder HID - specification grade porcelain, medium or mogul base • HID fixtures are supplied with a lampholder for open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Integral Electronic Ballast Compact fluorescent maximum four 42W or two 70W lamps • Pulse start metal halide maximum 100W

Remote Ballast Order remote ballast separately • See RFB Series Remote Ballasts section • Consult maximum allowable lamp to ballast distance chart found with the remote ballast ordering data • Maximum 4 X 70W CFL, 8 X 42W CFL or 400W HID

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Ordering Information Example: E2-400PS-S22-X-SR-CS

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E2-	400PS	-	-S22	-X	-SR	-CS

E2- ● **Pulse Start Metal Halide†**
Fixtures furnished with ANSI Type "O" lamp

ED17 - Medium base
50PS, 70PS, 100PS
§ Ⓔ{**150PS†**

ED28 - Mogul base
Ⓔ{**175PS, 200PS, 250PS†**

ED37 - Mogul base
Ⓔ{**320PS, 350PS, 400PS†**

Probe Start Metal Halide†
Fixtures furnished with ANSI Type "O" lamp

ED28 - Mogul base
§ {**175MH, 250MH**

ED37 - Mogul base
§ {**400MH**

● **Compact Fluorescent**
GX24Q base

One lamp
Integral or Remote Ballast
126CF, 132CF, 142CF, 157CF, 170CF

Two lamps
Integral or Remote Ballast
226CF, 232CF, 242CF, 257CF, 270CF

Three lamps - Integral Ballast
326CF, 332CF, 342CF

Three lamps - Remote Ballast
326CF, 332CF, 342CF, 357CF, 370CF

Four lamps - Integral Ballast
426CF, 432CF, 442CF

Four lamps - Remote Ballast
426CF, 432CF, 442CF, 457CF, 470CF

Six lamps - Remote Ballast
626CF, 632CF, 642CF

Eight lamps - Remote Ballast
826CF, 832CF, 842CF

Incandescent
Mogul base
300IN, 500IN
500W Acrylic (open fixture only)

ELECTRONIC BALLASTS
(Integral)

Pulse Start Metal Halide
Max. 100W
- UN 120V - 277V
- E34 347V

Compact Fluorescent
Max. 4 lamp X 42W
2 lamp X 70W
- UN 120V - 277V
- E34 347V

REMOTE BALLAST‡
Order remote ballast separately
No Suffix

Consult chart found with the remote ballast ordering information to determine maximum lamp to ballast distance
See RFB and RBR Series Remote Ballast sections

Acrylic*
- A22 22" Dia.
Clear Acrylic

Colored Acrylic*
See Reflector Options below

Aluminum
- S22 22" Dia.
Natural finish Anodized

Colored Aluminum
- S22R 22" Dia.
Outside surface of the reflector is painted the same color as the housing

Consult factory for a reflector painted a different color than the housing

Basic Luminaire
No trim supplied
No Suffix

Acrylic Bottom Lens
For use with acrylic reflectors, includes clamp band
- C 22" Conical lens
- D 22" Drop lens

Deco-Ring
Deco-Rings are painted to match housing color
- B Ring only

Cross Baffle Louver
- X Aluminum reflectors only

Concentric Ring Louver
See Accessories

Housing Color
- WH White
- BL Black
- SR Silver

Designer Colors
Consult Factory

Stem
No Suffix
Hub for use with 1/2" or 3/4" stem

Cable Suspension
-CS
Provision for Cable Suspension (Order kit separately)

Available with remote ballast HID and all integral ballast luminaires and all incandescent

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace clear reflector suffix with ...	
Whites	
-T22W Translucent	
-O22W Opaque	

Lamp - by others

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Concentric Ring Louver	Not available with bottom lens	
	22" acrylic, white finish	**LV22A-WH**
	22" aluminum, silver finish	**LV22S-SR**
Cable Suspension Kits	Remote HID or Integral ballast fixtures only order separately from Accessories section Not suitable for remote ballast CFL fixtures	

Hang Straight Kits - order separately from Accessories section

* **Acrylic Reflectors**:
Reflexor® acrylic optics by Lexalite™
Maximum: 400W open reflector, 250W with bottom closure @ 25°C ambient.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
Ⓔ EISA -Pulse Start MH: 150W electronic & all 175W - 400W meet EISA requirements.
NEC compliance: Pulse Start & Probe Start MH fixtures are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "**-LSP**".

§**Not for use in the United States when magnetic ballast is installed.**

●Fixtures are **ENERGY EFFICIENT**.

E3: 12" Acrylic Reflector
Designer Regal Blue finish

E3: 12" Aluminum Reflector
Standard sliver finish with anodized reflector

Description

General and task lighting that offers a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Optics 12" spun aluminum • Premium Reflexor® acrylic 12" reflectors include clear, three shades of white, pastel or vibrant colors, granite and silver • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension • Hang straight stems

Construction Extruded aluminum housing

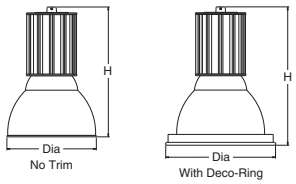
Finish White, black or silver polyester powder coat • Designer colors can be specified

Lampholder HID - specification grade porcelain, medium base • HID fixtures are supplied with a lampholder for use with open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Integral Ballast Compact fluorescent, electronic ballast, maximum one lamp at 57W • Pulse start metal halide, electronic ballast, maximum 175W • Pulse start metal halide, magnetic ballast, maximum 100W

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions



Reflector	Trim Suffix	Dia.	H
A12	No Trim	12"	18"
	With Deco-Ring	14 1/2"	19 1/4"
S12	No Trim	12"	18"
	With Deco-Ring	14 1/2"	19 1/4"

Reflector Application Guide

Reflexor® reflectors - Ambient 25°C

		CFL	Incandescent		HID					
	Color	70	100	150	50PS	70PS	100PS	150PS	175MH	175PS
Clear		Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a
Specialty	Silver	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Granite	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
White	Opaque	Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a
	Translucent	Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a
	Pearl	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pastel	Blue	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Green	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Pink	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Vibrant	Amber	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Blue	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Green	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Red	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a

YES Available up to indicated wattage

Open Open fixture only, not available with bottom closure, requires socket for protected lamp to meet NEC

n/a Not available

Ordering Information Example: **E3-126CF-UN-A12-B-SR-CS**

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E3-	126CF	-UN	-A12	-B	-SR	-CS

E3-

Lamp (Watts/Type)

Pulse Start Metal Halide†
Fixtures furnished with ANSI Type "O" lampholder
ED17 - Medium base
50PS, 70PS, 100PS

Compact Fluorescent
GX24Q base
One lamp
126CF, 132CF, 142CF, 157CF

Incandescent
Medium base
150IN

Ballast

ELECTRONIC BALLASTS
(Integral)

Pulse Start Metal Halide
Max. 175W
- UN 120V - 277V
- E34 347V

Compact Fluorescent
Max. 57W
- UN 120V - 277V
- E34 347V

MAGNETIC BALLASTS
(Integral)

All HID Lamps
- QT‡ Quad Tap 120V, 208V, 240V, 277V
- TT Tri Tap 120V, 277V, 347V

Reflector*

Acrylic*
- A12 12" Dia. Clear Acrylic

Colored Acrylic*
See Reflector Options below

Aluminum
- S12 12" Dia. Natural finish Anodized
- S12R 12" Dia. Outside surface of the reflector is painted the same color as the housing

Consult factory for a reflector painted a different color than the housing

Trim & Lenses

Basic Luminaire
No trim supplied
No Suffix

Acrylic Bottom Lens
For use with acrylic reflectors, includes clamp band
- C 12" Conical lens
- D 12" Dome lens

Deco-Ring
Deco-Rings are painted to match housing color
- B Ring only

Cross Baffle Louver
- X Aluminum reflectors only

Concentric Ring Louver
See Accessories

Housing Color

Housing Color
- WH White
- BL Black
- SR Silver

Designer Colors
Consult Factory

Mounting

Stem
No Suffix
Hub for use with 1/2" or 3/4" stem

Cable Suspension
-CS
Provision for Cable Suspension (Order kit separately)

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace reflector suffix with... See "Reflector Application Chart" to left.	
Specialty Finishes	
-A12S Silver	
-A12G Granite	
Whites	
-T12W Translucent	
-O12W Opaque	
-P12W Pearl	
Pastel Colors	
-P12B Blue	
-P12G Green	
-P12R Pink	
Vibrant Colors	
-V12A Amber	
-V12B Blue	
-V12G Green	
-V12R Red	
Lamp	By Others

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Concentric Ring Louver Not available with bottom lens or bottom ring	
12" acrylic	**LV12A-WH**
12" aluminum	**LV12S-SR**
Cable Suspension Kits Integral ballast and remote ballast HID only order separately from Accessories section Not suitable for remote ballast CFL fixtures	
Hang Straight Kits - order separately from Accessories section	

* **Acrylic Reflectors**:
Reflexor® - Acrylic optics by Lexalite™
Maximum wattage - see the Reflector Application Guide to the left.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
NEC compliance: Open Pulse Start MH fixtures are furnished with a lamp-holder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

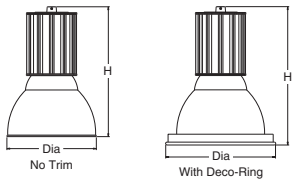
●Fixtures are **ENERGY EFFICIENT**.

E3: 16" Acrylic Reflector
Designer Gold finish

E3: 16" Glass Reflector
Designer Candy Apple Red finish

E3: 16" Aluminum Reflector
Accessories: Louvre
Designer Etruscan Olive finish
(Suffix S16R)

Dimensions



Reflector	Trim Suffix	Dia.	H
A16	No Trim	16"	21 7/8"
	With Deco-Ring	18 3/8"	22 7/8"
G16	No Trim	15 3/8"	22 3/8"
	With Deco-Ring	18 3/8"	23 3/8"
S16	No Trim	16"	22 1/8"
	With Deco-Ring	18 3/8"	23 1/8"

Description
General and task lighting that offers a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Optics Three styles of 16" diameter reflectors: prismatic borosilicate glass, spun aluminum and premium Reflexor® acrylic • Acrylic reflectors are available in two shades of white • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension • Hang straight stems

Construction Extruded aluminum housing

Finish White, black or silver polyester powder coat • Designer colors can be specified

Lampholder HID - specification grade porcelain, medium or mogul base • HID fixtures are supplied with a lampholder for use with open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Integral Ballast Compact fluorescent, electronic ballast, maximum four 70W lamps • Pulse start metal halide, electronic ballast, maximum 175W • Pulse start metal halide, magnetic ballast, maximum 400W • Probe start metal halide is only available in Canada, magnetic ballast, maximum 400W

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Ordering Information Example: **E3-442CF-UN-A16-B-SR-CS**

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E3-	442CF	-UN	-A16	-B	-SR	-CS

E3- ● **Pulse Start Metal Halide†**
Fixtures furnished with ANSI Type "O" lampholder

ED17 - Medium base
50PS, 70PS, 100PS
§ Ⓔ {**150PS†**

ED28 - Mogul base
Ⓔ {**175PS, 200PS, 250PS†**

ED37 - Mogul base
Ⓔ {**320PS, 350PS, 400PS†**

Probe Start Metal Halide†
Fixtures furnished with ANSI Type "O" lampholder

ED28 - Mogul base
§ { **175MH, 250MH**

ED37 - Mogul base
§ { **400MH**

● **Compact Fluorescent**
GX24Q base

One lamp
126CF, 132CF, 142CF, 157CF, 170CF

Two lamps
226CF, 232CF, 242CF, 257CF, 270CF

Three lamps
326CF, 332CF, 342CF, 357CF, 370CF

Four lamps
426CF, 432CF, 442CF, 457CF, 470CF

Incandescent
Mogul base
300IN, 500IN
500W Acrylic
(open fixture only)

ELECTRONIC BALLASTS
(Integral)

Pulse Start Metal Halide
- UN 120V - 277V
- E34 347V, Max 150W

Compact Fluorescent
Max. 4 X 70W
- UN 120V - 277V
- E34 347V

MAGNETIC BALLASTS
(Integral)

All HID Lamps
- QT‡ Quad Tap 120V, 208V, 240V, 277V

- TT Tri Tap 120V, 277V, 347V

Glass
- G16 16" Dia. Borosilicate glass

Acrylic*
- A16 16" Dia. Clear Acrylic

Colored Acrylic*
See Reflector Options below

Aluminum
- S16 16" Dia. Natural finish Anodized

Colored Aluminum
- S16R 16" Dia. Outside surface of the reflector is painted the same color as the housing

Consult factory for a reflector painted a different color than the housing

Basic Luminaire
No trim supplied
No Suffix

Acrylic Bottom Lens
For use with acrylic reflectors, includes clamp band

- C 16" Conical lens

- D 16" Drop lens

Deco-Ring
Deco-Rings are painted to match housing color

- B Ring only

Cross Baffle Louver
- X Aluminum reflectors only. Available for ED17 lamps only.

Concentric Ring Louver
See Accessories

Housing Color
- WH White
- BL Black
- SR Silver

Designer Colors
Consult Factory

Stem
No Suffix
Hub for use with 1/2" or 3/4" stem

Cable Suspension
-CS
Provision for Cable Suspension (Order kit separately)

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace clear reflector suffix with ...	
Whites	
-T16W Translucent	
-O16W Opaque	

Lamp - by others

* **Acrylic Reflectors**:
Reflexor® - Acrylic optics by Lexalite™
Maximum 400W open reflector, 250W with bottom closure @ 25°C ambient.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
Ⓔ EISA -Pulse Start MH: 150W electronic & 175W - 400W magnetic ballast fixtures meet Energy Independence & Security Act (EISA) requirements.
NEC compliance: Open Pulse Start & Probe Start MH fixtures are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States when magnetic ballast is installed.**

● Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Concentric Ring Louver Not available with bottom lens or bottom ring	
16" glass	**LV16G-WH**
16" acrylic	**LV16A-WH**
16" aluminum	**LV16S-SR**
Cable Suspension Kits Integral ballast and remote ballast HID only order separately from Accessories section Not suitable for remote ballast CFL fixtures	
Hang Straight Kits - order separately from Accessories section	

E3: 22" Arylic Reflector
Standard Silver finish

E3: 22" Aluminum Reflector
Designer Gold finish

Description
General and task lighting that offers a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Optics Two styles of 22" diameter reflectors, spun aluminum and premium Reflexor® acrylic • Acrylic reflectors are available in two shades of white • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension • Hang straight stems

Construction Extruded aluminum housing

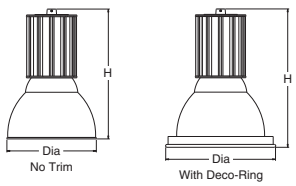
Finish White, black or silver polyester powder coat • Designer colors can be specified

Lampholder HID - specification grade porcelain, medium or mogul base • HID fixtures are supplied with a lampholder for use with open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Integral Ballast Compact fluorescent, electronic ballast, maximum eight lamp at 42W, four lamp at 70W • Pulse start metal halide, electronic ballast, maximum 175W • Pulse start metal halide, magnetic ballast, maximum 400W • Probe start metal halide is only available in Canada, magnetic ballast, maximum 400W

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions



Reflector	Trim Suffix	Dia.	H
A22	No Trim	24"	23 3/8"
	With Deco-Ring	24 5/8"	24 1/2"
S22	No Trim	24"	24 1/4"
	With Deco-Ring	25 5/8"	25"

Ordering Information Example: **E3-442CF-UN-A22-B-SR-CS**

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E3-	442CF	-UN	-A22	-B	-SR	-CS

E3- ● **Pulse Start Metal Halide†**
Fixtures furnished with ANSI Type "O" lampholder

ED17 - Medium base
50PS, 70PS, 100PS
§ Ⓔ {**150PS†**

ED28 - Mogul base
Ⓔ {**175PS, 200PS, 250PS†**

ED37 - Mogul base
Ⓔ {**320PS, 350PS, 400PS†**

Probe Start Metal Halide†
Fixtures furnished with ANSI Type "O" lampholder

ED28 - Mogul base
§ {**175MH, 250MH**

ED37 - Mogul base
§ {**400MH**

● **Compact Fluorescent**
GX24Q base

One lamp
126CF, 132CF, 142CF, 157CF, 170CF

Two lamps
226CF, 232CF, 242CF, 257CF, 270CF

Three lamps
326CF, 332CF, 342CF, 357CF, 370CF

Four lamps
426CF, 432CF, 442CF, 457CF, 470CF

Six lamps
626CF, 632CF, 642CF

Eight lamps
826CF, 832CF, 842CF

Incandescent
Mogul base
300IN, 500IN
500W Acrylic (open fixture only)

ELECTRONIC BALLASTS
(Integral)

Pulse Start Metal Halide
- UN 120V - 277V
- E34 347V, Max 150W

Compact Fluorescent
Max. 8 X 42W
4 X 70W
- UN 120V - 277V
- E34 347V

MAGNETIC BALLASTS
(Integral)

All HID Lamps
- QT‡ Quad Tap
120V, 208V, 240V, 277V

- TT Tri Tap
120V, 277V, 347V

Acrylic*
- A22 22" Dia.
Clear Acrylic

Colored Acrylic*
See Reflector Options below

Aluminum
- S22 22" Dia.
Natural finish Anodized

Colored Aluminum
- S22R 22" Dia.
Outside surface of the reflector is painted the same color as the housing

Consult factory for a reflector painted a different color than the housing

Basic Luminaire
No trim supplied
No Suffix

Acrylic Bottom Lens
For use with acrylic reflectors, includes clamp band
- C 22" Conical lens
- D 22" Drop lens

Deco-Ring
Deco-Rings are painted to match housing color
- B Ring only

Cross Baffle Louver
- X Aluminum reflectors

Concentric Ring Louver
See Accessories

Housing Color
- WH White
- BL Black
- SR Silver

Designer Colors
Consult Factory

Stem
No Suffix
Hub for use with 1/2" or 3/4" stem

Cable Suspension
-CS
Provision for Cable Suspension (Order kit separately)

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace clear reflector suffix with ...	
Whites	
-T22W Translucent	
-O22W Opaque	
Lamp	By Others

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Concentric Ring Louver Not available with bottom lens or bottom ring	
22" acrylic	**LV22A-WH**
22" aluminum	**LV22S-SR**
Cable Suspension Kits Integral ballast and remote ballast HID only order separately from Accessories section Not suitable for remote ballast CFL fixtures	
Hang Straight Kits - order separately from Accessories section	

* **Acrylic Reflectors:**
Reflexor® - Acrylic optics by Lexalite™
Maximum 400W open reflector, 400W with bottom closure @ 25°C ambient.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
Ⓔ EISA -Pulse Start MH: 150W electronic & 175W - 400W magnetic ballast fixtures meet Energy Independence & Security Act (EISA) requirements.
NEC compliance: Open Pulse Start & Probe Start MH fixtures are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§Not for use in the United States when magnetic ballast is installed.

●Fixtures are **ENERGY EFFICIENT**.

E3: 12" Acrylic Reflector
Deco-Bands with Deco-Disc (Suffix WK)
Designer Copper finish

E3: 12" Aluminum Reflector
Deco-Bands with Deco-Ring (Suffix WB)
Standard silver finish

Description

General and task lighting that offers a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Deco-Trim Specify Exeter™ E3 models to suit the ambiance • With attractive decorative trims and reflector bottom treatments Exeter™ E3 models offer style and color solutions for the discerning designer

Optics 12" spun aluminum • Premium Reflexor® acrylic 12" reflectors include clear, three shades of white, pastel or vibrant colors, granite and silver • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension • Hang straight stems

Construction Extruded aluminum housing

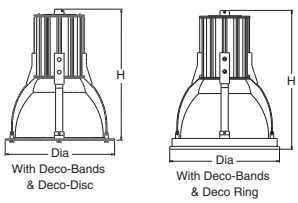
Finish White, black or silver polyester powder coat • Designer colors can be specified

Lampholder HID - specification grade porcelain, medium base • HID fixtures are supplied with a lampholder for use with open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Integral Ballast Compact fluorescent, electronic ballast, maximum one lamp at 57W • Pulse start metal halide, electronic ballast, maximum 175W • Pulse start metal halide, magnetic ballast, maximum 100W

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions



Reflector	Trim Suffix	Dia.	H
A12	With Deco-Disc	14"	18 1/8"
	With Deco-Ring	14 1/2"	19 1/4"
S12	With Deco-Disc	14"	18 1/8"
	With Deco-Ring	14 1/2"	19 1/4"

Reflector Application Guide

Reflexor® reflectors - Ambient 25°C

		CFL	Incandescent		HID					
	Color	70	100	150	50PS	70PS	100PS	150PS	175MH	175PS
Clear		Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a
Specialty	Silver	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Granite	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
White	Opaque	Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a
	Translucent	Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a
	Pearl	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pastel	Blue	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Green	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Pink	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Vibrant	Amber	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Blue	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Green	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Red	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a

YES Available up to indicated wattage

Open Open fixture only, not available with bottom closure, requires socket for protected lamp to meet NEC

n/a Not available

Ordering Information Example: **E3-126CF-UN-A12-WK-SR-CS**

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E3-	126CF	-UN	-A12	-WK	-SR	-CS

E3-

Pulse Start Metal Halide†
Fixtures furnished with ANSI Type "O" lampholder

ED17 - Medium base
50PS, 70PS, 100PS

Compact Fluorescent
GX24Q base

One lamp
126CF, 132CF, 142CF, 157CF

Incandescent
Medium base
150IN

ELECTRONIC BALLASTS
(Integral)

Pulse Start Metal Halide
Max. 175W
- UN 120V - 277V
- E34 347V

Compact Fluorescent
Max. 57W
- UN 120V - 277V
- E34 347V

MAGNETIC BALLASTS
(Integral)

All HID Lamps
- QT‡ Quad Tap
120V, 208V, 240V, 277V

- TT Tri Tap
120V, 277V, 347V

Acrylic*
- A12 12" Dia. Clear Acrylic

Colored Acrylic*
See Reflector Options below

Aluminum
- S12 12" Dia. Natural finish Anodized

- S12R 12" Dia. Outside surface of the reflector is painted the same color as the housing

Consult factory for a reflector painted a different color than the housing

Deco-Bands, Deco-Discs and Deco-Rings
Four Deco-Bands attach the trim accessories and are painted to match housing color

Deco-Discs and bottom lenses are tempered glass, Deco-Rings are painted to match housing color

Deco-Disc with Bands
- WG Clear
- WF Frosted

Deco-Disc with Hand Hole and Bands
- WJ Clear
- WK Frosted

Deco-Ring with Bands
- WB Ring only

Deco-Ring with Glass Bottom Lens and Bands
- WBG Clear
- WBF Frosted

Housing Color
- WH White
- BL Black
- SR Silver

Designer Colors
Consult Factory

Stem No Suffix
Hub for use with 1/2" or 3/4" stem

Cable Suspension -CS
Provision for Cable Suspension (Order kit separately)

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace reflector suffix with... See "Reflector Application Chart" to left.	
Specialty Finishes	
Silver	-A12S
Granite	-A12G
Whites	
Translucent	-T12W
Opaque	-O12W
Pearl	-P12W
Pastel Colors	
Blue	-P12B
Green	-P12G
Pink	-P12R
Vibrant Colors	
Amber	-V12A
Blue	-V12B
Green	-V12G
Red	-V12R

Lamp - by others

* **Acrylic Reflectors**:
Reflexor® - Acrylic optics by Lexalite™
Maximum wattage - see the Reflector Application Guide to the left.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
NEC compliance: Open Pulse Start MH fixtures are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

●Fixtures are ENERGY EFFICIENT.

Accessories (Accessories are ordered and shipped separately)

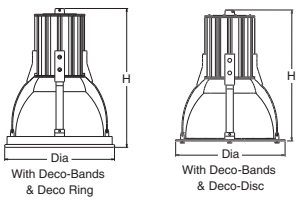
Description
Cable Suspension Kits Integral ballast and remote ballast HID only order separately from Accessories section Not suitable for remote ballast CFL fixtures
Hang Straight Kits - order separately from Accessories section

E3: 16" Glass Reflector
Deco-Bands with Deco-Ring (Suffix WB)
Designer Green Apple finish

E3: 16" Aluminum Reflector
Deco-Bands with Deco-Ring (Suffix WB)
Designer Burgundy finish

E3: 16" Acrylic Reflector
Deco-Bands with Deco-Disc (Suffix WG)
Standard Silver finish

Dimensions



Reflector	Trim Suffix	Dia.	H
A16	With Deco-Disc	18"	21 3/4"
	With Deco-Ring	18 3/8"	22 7/8"
G16	With Deco-Disc	18"	22 1/4"
	With Deco-Ring	18 3/8"	23 3/8"
S16	With Deco-Disc	18"	22 1/4"
	With Deco-Ring	18 3/8"	23 1/8"

Description
General and task lighting that offers a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Deco-Trim Specify Exeter™ E3 models to suit the ambiance • With attractive decorative trims and reflector bottom treatments Exeter™ E3 models offer style and color solutions for the discerning designer

Optics Three styles of 16" diameter reflectors, prismatic borosilicate glass, spun aluminum and premium Reflexor® acrylic • Acrylic reflectors are available in two shades of white • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension • Hang straight stems

Construction Extruded aluminum housing

Finish White, black or silver polyester powder coat • Designer colors can be specified

Lampholder HID - specification grade porcelain, medium or mogul base • HID fixtures are supplied with a lampholder for use with open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Integral Ballast Compact fluorescent, electronic ballast, maximum four 70W lamps • Pulse start metal halide, electronic ballast, maximum 175W • Pulse start metal halide, magnetic ballast, maximum 400W • Probe start metal halide is only available in Canada, magnetic ballast, maximum 400W

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Ordering Information Example: **E3-442CF-UN-A16-WF-SR-CS**

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E3-	442CF	-UN	-A16	-WF	-SR	-CS

E3- ● **Pulse Start Metal Halide†**
Fixtures furnished with ANSI Type "O" lampholder

ED17 - Medium base
50PS, 70PS, 100PS
§ Ⓔ 150PS†

ED28 - Mogul base
Ⓔ 175PS, 200PS, 250PS†

ED37 - Mogul base
Ⓔ {320PS, 350PS, 400PS†

Probe Start Metal Halide†
Fixtures furnished with ANSI Type "O" lampholder

ED28 - Mogul base
§ {175MH, 250MH

ED37 - Mogul base
§ { 400MH

● **Compact Fluorescent**
GX24Q base

One lamp
126CF, 132CF, 142CF, 157CF, 170CF

Two lamps
226CF, 232CF, 242CF, 257CF, 270CF

Three lamps
326CF, 332CF, 342CF, 357CF, 370CF

Four lamps
426CF, 432CF, 442CF, 457CF, 470CF

Incandescent
Mogul base
300IN, 500IN
500W Acrylic (open fixture only)

ELECTRONIC BALLASTS
(Integral)

Pulse Start Metal Halide
- UN 120V - 277V
- E34 347V, Max 150W

Compact Fluorescent
Max. 4 X 70W
- UN 120V - 277V
- E34 347V

MAGNETIC BALLASTS
(Integral)

All HID Lamps
- QT‡ Quad Tap 120V, 208V, 240V, 277V

- TT Tri Tap 120V, 277V, 347V

Glass
- G16 16" Dia. Borosilicate glass

Acrylic*
- A16 16" Dia. Clear Acrylic

Colored Acrylic*
See Reflector Options below

Aluminum
- S16 16" Dia. Natural finish Anodized

Colored Aluminum
- S16R 16" Dia. Outside surface of the reflector is painted the same color as the housing

Consult factory for a reflector painted a different color than the housing

Deco-Bands, Deco-Discs and Deco-Rings
Four Deco-Bands attach the trim accessories and are painted to match housing color

Deco-Discs and bottom lenses are tempered glass

Deco-Rings are painted to match housing color

Deco-Disc with Bands
- WG Clear
- WF Frosted

Deco-Disc with Hand Hole and Bands
- WJ Clear
- WK Frosted

Deco-Ring with Bands
- WB Deco-Ring only

Deco-Ring with Glass Bottom Lens and Bands
- WBG Clear
- WBF Frosted

Housing Color
- WH White
- BL Black
- SR Silver

Designer Colors
Consult Factory

Stem
No Suffix
Hub for use with 1/2" or 3/4" stem

Cable Suspension
-CS
Provision for Cable Suspension (Order kit separately)

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace clear reflector suffix with ...	
Translucent	**-T16W**
Opaque	**-O16W**
Lamp - by others	

* **Acrylic Reflectors:**
Reflexor® - Acrylic optics by Lexalite™.
Maximum 400W open reflector, 250W with bottom closure @ 25°C ambient.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
Ⓔ EISA -Pulse Start MH: 150W electronic & 175W - 400W magnetic ballast fixtures meet Energy Independence & Security Act (EISA) requirements.
NEC compliance: Open Pulse Start & Probe Start MH fixtures are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§Not for use in the United States when magnetic ballast is installed.

●Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description
Cable Suspension Kits Integral ballast and remote ballast HID only order separately from Accessories section Not suitable for remote ballast CFL fixtures
Hang Straight Kits - order separately from Accessories section

E3: 22" ACRYLIC Reflector
Deco-Bands with Deco-Ring (Suffix WB)
Standard Silver finish

Description
General and task lighting that offers the designer a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire's style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Deco-Trim Specify Exeter™ E3 models to suit the ambiance • With attractive decorative trims and reflector bottom treatments Exeter™ E3 models offer style and color solutions for the discerning designer

Optics Two styles of 22" diameter reflectors, spun aluminum and premium Reflexor® acrylic • Acrylic reflectors are available in two shades of white • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension • Hang straight stems

Construction Extruded aluminum housing

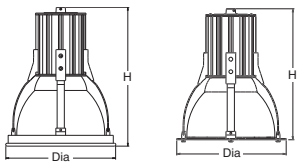
Finish White, black or silver polyester powder coat • Designer colors can be specified

Lampholder HID - specification grade porcelain, medium or mogul base • HID fixtures are supplied with a lampholder for use with open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Integral Ballast Compact fluorescent, electronic ballast, maximum eight lamp at 42W, four lamp at 70W • Pulse start metal halide, electronic ballast, maximum 175W • Pulse start metal halide, magnetic ballast, maximum 400W • Probe start metal halide is only available in Canada, magnetic ballast, maximum 400W

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions



Reflector	Trim Suffix	Dia.	H
A22	With Deco-Disc	24"	23 3/8"
	With Deco-Ring	24 5/8"	24 1/2"
S22	With Deco-Disc	24"	24 1/4"
	With Deco-Ring	25 5/8"	25"

Ordering Information Example: **E3-442CF-UN-A22-WK-SR-CS**

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E3-	442CF	-UN	-A22	-WK	-SR	-CS

E3- ● **Pulse Start Metal Halide†**
Fixtures furnished with ANSI Type "O" lampholder

ED17 - Medium base
50PS, 70PS, 100PS
Ⓔ{**150PS†**

ED28 - Mogul base
Ⓔ{**175PS, 200PS, 250PS†**

ED37 - Mogul base
Ⓔ{**320PS, 350PS, 400PS†**

Probe Start Metal Halide †
Fixtures furnished with ANSI Type "O" lampholder

ED28 - Mogul base
§ { **175MH, 250MH**

ED37 - Mogul base
§ { **400MH**

● **Compact Fluorescent**
GX24Q base

One lamp
126CF, 132CF, 142CF, 157CF, 170CF

Two lamps
226CF, 232CF, 242CF, 257CF, 270CF

Three lamps
326CF, 332CF, 342CF, 357CF, 370CF

Four lamps
426CF, 432CF, 442CF, 457CF, 470CF

Six lamps
626CF, 632CF, 642CF

Eight lamps
826CF, 832CF, 842CF

Incandescent
Mogul base
300IN, 500IN
500W Acrylic (open fixture only)

ELECTRONIC BALLASTS
(Integral)

Pulse Start Metal Halide
- **UN** 120V - 277V
- **E34** 347V, Max 150W

Compact Fluorescent
Max. 8 X 42W
4 X 70W
- **UN** 120V - 277V
- **E34** 347V

MAGNETIC BALLASTS
(Integral)

All HID Lamps
- **QT‡** Quad Tap 120V, 208V, 240V, 277V
- **TT** Tri Tap 120V, 277V, 347V

Acrylic*
- **A22** 22" Dia. Clear Acrylic

Colored Acrylic*
See Reflector Options below

Aluminum
- **S22** 22" Dia. Natural finish Anodized

Colored Aluminum
- **S22R** 22" Dia. Outside surface of the reflector is painted the same color as the housing

Consult factory for a reflector painted a different color than the housing

Deco-Bands, Deco-Discs and Deco-Rings
Four Deco-Bands attach the trim accessories and are painted to match housing color

Deco-Discs and bottom lenses are tempered glass,

Deco-Rings are painted to match housing color

Deco-Disc with Bands
- **WG** Clear
- **WF** Frosted

Deco-Disc with Hand Hole and Bands
- **WJ** Clear
- **WK** Frosted

Deco-Ring with Bands
- **WB** Deco-Ring only

Deco-Ring with Glass Bottom Lens and Bands
- **WBG** Clear
- **WBF** Frosted

Housing Color
- **WH** White
- **BL** Black
- **SR** Silver

Designer Colors
Consult Factory

Stem
No Suffix
Hub for use with 1/2" or 3/4" stem

Cable Suspension
-CS
Provision for Cable Suspension (Order kit separately)

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace clear reflector suffix with ...	
Whites	
Translucent	**-T22W**
Opaque	**-O22W**

* **Acrylic Reflectors:**
Reflexor® - Acrylic optics by Lexalite™.
Maximum 400W open reflector, 400W with bottom closure @ 25°C ambient.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
Ⓔ EISA -Pulse Start MH: 150W electronic & 175W - 400W magnetic ballast fixtures meet Energy Independence & Security Act (EISA) requirements.
NEC compliance: Open Pulse Start & Probe Start MH fixtures are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States when magnetic ballast is installed.**

●Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description
Cable Suspension Kits Integral ballast and remote ballast HID only order separately from Accessories section Not suitable for remote ballast CFL fixtures
Hang Straight Kits - order separately from Accessories section
Lamp - by others

E3: 12" Acrylic Reflector
Deco-Rods with Deco-Disc (Suffix TK)
Designer Burgundy finish

E3: 12" Aluminum Reflector
Deco-Rods with Deco-Disc (Suffix TK)
Standard Silver finish

Description

General and task lighting that offers the designer a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Deco-Trim Specify Exeter™ E3 models to suit the ambiance • With attractive decorative trims and reflector bottom treatments Exeter™ E3 models offer style and color solutions for the discerning designer

Optics 12" spun aluminum • Premium Reflexor® acrylic 12" reflectors include clear, three shades of white, pastel or vibrant colors, granite and silver • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension • Hang straight stems

Construction Extruded aluminum housing

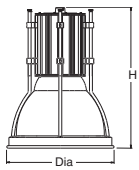
Finish White, black or silver polyester powder coat • Designer colors can be specified

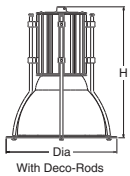
Lampholder HID - specification grade porcelain, medium base • HID fixtures are supplied with a lampholder for use with open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Integral Ballast Compact fluorescent, electronic ballast, maximum one lamp at 57W • Pulse start metal halide, electronic ballast, maximum 175W • Pulse start metal halide, magnetic ballast, maximum 100W

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions





Reflector	Trim Suffix	Dia.	H
A12	With Deco-Disc	14"	18 1/8"
	With Deco-Ring	14 1/2"	19 1/4"
S12	With Deco-Disc	14"	18 1/8"
	With Deco-Ring	14 1/2"	19 1/4"

Reflector Application Guide

Reflexor® reflectors - Ambient 25°C

		CFL	Incandescent		HID					
	Color	70	100	150	50PS	70PS	100PS	150PS	175MH	175PS
Clear		Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a
Specialty	Silver	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Granite	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
White	Opaque	Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a
	Translucent	Yes	Yes	Open	Yes	Yes	Yes	Open	n/a	n/a
	Pearl	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pastel	Blue	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Green	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Pink	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Vibrant	Amber	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Blue	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Green	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Red	Yes	Yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a

YES Available up to indicated wattage

Open Open fixture only, not available with bottom closure, requires socket for protected lamp to meet NEC

n/a Not available

Ordering Information Example: **E3-126CF-UN-A12-TK-SR-CS**

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E3-	126CF	-UN	-A12	-TK	-SR	-CS

E3-

Pulse Start Metal Halide†
Fixtures furnished with ANSI Type "O" lampholder
Medium base
50PS, 70PS, 100PS

Compact Fluorescent
GX24Q base
One lamp
126CF, 132CF, 142CF, 157CF

Incandescent
Medium base
150IN

ELECTRONIC BALLASTS
(Integral)

Pulse Start Metal Halide
Max. 175W
- UN 120V - 277V
- E34 347V

Compact Fluorescent
Max. 57W
- UN 120V - 277V
- E34 347V

MAGNETIC BALLASTS
(Integral)

All HID Lamps
- QT‡ Quad Tap 120V, 208V, 240V, 277V
- TT Tri Tap 120V, 277V, 347V

Acrylic*
- A12 12" Dia. Clear Acrylic

Colored Acrylic*
See Reflector Options below

Aluminum
- S12 12" Dia. Natural finish Anodized
- S12R 12" Dia. Outside surface of the reflector is painted the same color as the housing

Consult factory for a reflector painted a different color than the housing

Deco-Rods, Deco-Discs and Deco-Rings
Four Deco-Rods attach the trim accessories and have a Brite-Plate finish

Deco-Discs and bottom lenses are tempered glass,

Deco-Rings are painted to match housing color

Deco-Disc with Rods
- TG Clear
- TF Frosted

Deco-Disc with Hand Hole and Rods
- TJ Clear
- TK Frosted

Deco-Ring with Rods
- TB Deco-Ring only

Deco-Ring with Glass Bottom Lens and Rods
- TBG Clear
- TBF Frosted

Housing Color
- WH White
- BL Black
- SR Silver

Designer Colors
Consult Factory

Stem No Suffix
Hub for use with 1/2" or 3/4" stem

Cable Suspension -CS
Provision for Cable Suspension (Order kit separately)

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace reflector suffix with... See "Reflector Application Chart" to left.	
Specialty Finishes	
Silver	-A12S
Granite	-A12G
Whites	
Translucent	-T12W
Opaque	-O12W
Pearl	-P12W
Pastel Colors	
Blue	-P12B
Green	-P12G
Pink	-P12R
Vibrant Colors	
Amber	-V12A
Blue	-V12B
Green	-V12G
Red	-V12R

* **Acrylic Reflectors**:
Reflexor® - Acrylic optics by Lexalite™
Maximum wattage - see the Reflector Application Guide to the left.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
NEC compliance: Open Pulse Start MH fixtures are furnished with a lamp-holder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP".

●Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

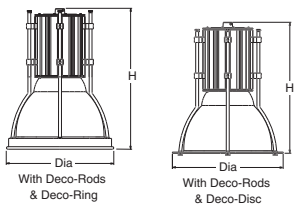
Description
Cable Suspension Kits Integral ballast and remote ballast HID only order separately from Accessories section Not suitable for remote ballast CFL fixtures
Hang Straight Kits - order separately from Accessories section
Lamp - by others

E3: 16" Glass Reflector
Deco-Rods with Deco-Ring (Suffix TB)
Designer Green Apple finish

E3: 16" Aluminum Reflector
Deco-Rods with Deco-Ring (Suffix TB)
Standard Silver finish

E3: 16" Acrylic Reflector
Deco-Rods with Deco-Disc (Suffix TK)
Standard Silver finish

Dimensions



Reflector	Trim Suffix	Dia.	H
A16	With Deco-Disc	18"	21 3/4"
	With Deco-Ring	18 3/8"	22 7/8"
G16	With Deco-Disc	18"	22 1/4"
	With Deco-Ring	18 3/8"	23 3/8"
S16	With Deco-Disc	18"	22 1/4"
	With Deco-Ring	18 3/8"	23 1/8"

Description
General and task lighting that offers the designer a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Deco-Trim Specify Exeter™ E3 models to suit the ambiance • With attractive decorative trims and reflector bottom treatments Exeter™ E3 models offer style and color solutions for the discerning designer

Optics Three styles of 16" diameter reflectors, prismatic borosilicate glass, spun aluminum and premium Reflexor® acrylic • Acrylic reflectors are available in two shades of white • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension • Hang straight stems

Construction Extruded aluminum housing

Finish White, black or silver polyester powder coat • Designer colors can be specified

Lampholder HID - specification grade porcelain, medium or mogul base • HID fixtures are supplied with a lampholder for use open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Integral Ballast Compact fluorescent, electronic ballast, maximum four 70W lamps • Pulse start metal halide, electronic ballast, maximum 175W • Pulse start metal halide, magnetic ballast, maximum 400W • Probe start metal halide is only available in Canada, magnetic ballast, maximum 400W

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Ordering Information Example: **E3-442CF-UN-A16-TF-SR-CS**

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E3-	442CF	-UN	-A16	-TF	-SR	-CS

E3- ● **Pulse Start Metal Halide†**
Fixtures furnished with ANSI Type "O" lampholder

ED17 - Medium base
50PS, 70PS, 100PS
§ Ⓔ{**150PS†**

ED28 - Mogul base
Ⓔ{**175PS, 200PS, 250PS†**

ED37 - Mogul base
Ⓔ{**320PS, 350PS, 400PS†**

Probe Start Metal Halide †
Fixtures furnished with ANSI Type "O" lampholder

ED28 - Mogul base
§{**175MH, 250MH**

ED37 - Mogul base
§{**400MH**

● **Compact Fluorescent**
GX24Q base

One lamp
126CF, 132CF, 142CF, 157CF, 170CF

Two lamps
226CF, 232CF, 242CF, 257CF, 270CF

Three lamps
326CF, 332CF, 342CF, 357CF, 370CF

Four lamps
426CF, 432CF, 442CF, 457CF, 470CF

Incandescent
Mogul base
300IN, 500IN
500W Acrylic (open fixture only)

ELECTRONIC BALLASTS
(Integral)

Pulse Start Metal Halide
- UN 120V - 277V
- E34 347V, Max 150W

Compact Fluorescent
Max. 4 X 70W
- UN 120V - 277V
- E34 347V

MAGNETIC BALLASTS
(Integral)

All HID Lamps
- QT‡ Quad Tap 120V, 208V, 240V, 277V

- TT Tri Tap 120V, 277V, 347V

Glass
- G16 16" Dia.
Borosilicate glass

Acrylic*
- A16 16" Dia.
Clear Acrylic

Colored Acrylic
See Reflector Options below

Aluminum
- S16 16" Dia.
Natural finish Anodized

Colored Aluminum
- S16R 16" Dia.
Outside surface of the reflector is painted the same color as the housing

Consult factory for a reflector painted a different color than the housing

Deco-Rods, Deco-Discs and Deco-Rings
Four Deco-Rods attach the trim accessories and have a Brite-Plate finish

Deco-Discs and bottom lenses are tempered glass,

Deco-Rings are painted to match housing color

Deco-Disc with Rods
- TG Clear
- TF Frosted

Deco-Disc with Hand Hole and Rods
- TJ Clear
- TK Frosted

Deco-Ring with Rods
- TB Deco-Ring only

Deco-Ring with Glass Bottom Lens and Rods
- TBG Clear
- TBF Frosted

Housing Color
- WH White
- BL Black
- SR Silver

Designer Colors
Consult Factory

Stem
No Suffix
Hub for use with 1/2" or 3/4" stem

Cable Suspension
-CS
Provision for Cable Suspension (Order kit separately)

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace clear reflector suffix with ...	
Whites	
	-T16W Translucent
	-O16W Opaque
Lamp - by others	

* **Acrylic Reflectors:**
Reflexor® - Acrylic optics by Lexalite™.
Maximum 400W open reflector, 250W with bottom closure @ 25°C ambient.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
Ⓔ EISA -Pulse Start MH: 150W electronic & 175W - 400W magnetic ballast fixtures meet Energy Independence & Security Act (EISA) requirements.
NEC compliance: Open Pulse Start & Probe Start MH fixtures are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§Not for use in the United States when magnetic ballast is installed.

●Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description
Cable Suspension Kits Integral ballast and remote ballast HID only order separately from Accessories section Not suitable for remote ballast CFL fixtures
Hang Straight Kits - order separately from Accessories section

E3: 22" Aluminum Reflector
Deco-Rods with Deco-Disc (Suffix TF)
Designer Pastel Green finish

E3: 22" Acrylic Reflector
Deco-Rods with Deco-Ring (Suffix TF)
Standard Silver finish

Description

General and task lighting that offers the designer a variety of solutions, balancing lighting and performance with aesthetic beauty. Exeter™ is an excellent choice for the designer who desires the ability to choose a luminaire style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Deco-Trim Specify Exeter™ E3 models to suit the ambiance • With attractive decorative trims and reflector bottom treatments Exeter™ E3 models offer style and color solutions for the discerning designer

Optics Two styles of 22" diameter reflectors: spun aluminum and premium Reflexor® acrylic • Acrylic reflectors are available in two shades of white • Acrylic reflectors are not suitable for oily environments

Mount 1/2" or 3/4" hub, rigid pendant • Cable suspension • Hang straight stems

Construction Extruded aluminum housing

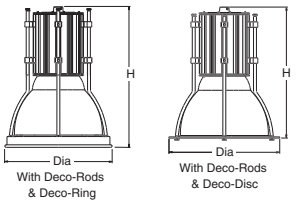
Finish White, black or silver polyester powder coat • Designer colors can be specified

Lampholder HID - specification grade porcelain, medium or mogul base • HID fixtures are supplied with a lampholder for use with open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Integral Ballast Compact fluorescent, electronic ballast, maximum eight lamp at 42W, four lamp at 70W • Pulse start metal halide, electronic ballast, maximum 175W • Pulse start metal halide, magnetic ballast, maximum 400W • Probe start metal halide is only available in Canada, magnetic ballast, maximum 400W

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions



Reflector	Trim Suffix	Dia.	H
A22	With Deco-Disc	24"	23 3/8"
	With Deco-Ring	24 5/8"	24 1/2"
S22	With Deco-Disc	24"	24 1/4"
	With Deco-Ring	25 5/8"	25"

Ordering Information Example: **E3-442CF-UN-A22-TB-SR-CS**

Series	Lamp (Watts/Type)	Ballast	Reflector*	Trim & Lenses	Housing Color	Mounting
E3-	442CF	-UN	-A22	-TB	-SR	-CS

E3- ● **Pulse Start Metal Halide†**
Fixtures furnished with ANSI Type "O" lampholder

ED17 - Medium base
50PS, 70PS, 100PS
§ Ⓔ{**150PS†**

ED28 - Mogul base
Ⓔ{**175PS, 200PS, 250PS†**

ED37 - Mogul base
Ⓔ{**320PS, 350PS, 400PS†**

Probe Start Metal Halide †
Fixtures furnished with ANSI Type "O" lampholder

ED28 - Mogul base
§ {**175MH, 250MH**

ED37 - Mogul base
§ {**400MH**

● **Compact Fluorescent**
GX24Q base

One lamp
126CF, 132CF, 142CF, 157CF, 170CF

Two lamps
226CF, 232CF, 242CF, 257CF, 270CF

Three lamps
326CF, 332CF, 342CF, 357CF, 370CF

Four lamps
426CF, 432CF, 442CF, 457CF, 470CF

Six lamps
626CF, 632CF, 642CF

Eight lamps
826CF, 832CF, 842CF

Incandescent
Mogul base
300IN, 500IN
500W Acrylic (open fixture only)

ELECTRONIC BALLASTS
(Integral)

Pulse Start Metal Halide
- **UN** 120V - 277V
- **E34** 347V, Max 150W

Compact Fluorescent
Max. 8 X 42W
4 X 70W
- **UN** 120V - 277V
- **E34** 347V

MAGNETIC BALLASTS
(Integral)

All HID Lamps
- **QT‡** Quad Tap 120V, 208V, 240V, 277V
- **TT** Tri Tap 120V, 277V, 347V

Acrylic*
- **A22** 22" Dia. Clear Acrylic

Colored Acrylic*
See Reflector Options below

Aluminum
- **S22** 22" Dia. Natural finish Anodized

Colored Aluminum
- **S22R** 22" Dia. Outside surface of the reflector is painted the same color as the housing

Consult factory for a reflector painted a different color than the housing

Deco-Rods, Deco-Discs and Deco-Rings
Four Deco-Rods attach the trim accessories and have a Brite-Plate finish

Deco-Discs and bottom lenses are tempered glass

Deco-Rings are painted to match housing color

Deco-Disc with Rods
- **TG** Clear
- **TF** Frosted

Deco-Disc with Hand Hole and Rods
- **TJ** Clear
- **TK** Frosted

Deco-Ring with Rods
- **TB** Deco-Ring only

Deco-Ring with Glass Bottom Lens and Rods
- **TBG** Clear
- **TBF** Frosted

Housing Color
- **WH** White
- **BL** Black
- **SR** Silver

Designer Colors
Consult Factory

Stem No Suffix
Hub for use with 1/2" or 3/4" stem

Cable Suspension -CS
Provision for Cable Suspension (Order kit separately)

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace clear reflector suffix with ...	
Whites	
Translucent	**-T22W**
Opaque	**-O22W**

* **Acrylic Reflectors**:
Reflexor® - Acrylic optics by Lexalite™.
Maximum 400W open reflector, 400W with bottom closure @ 25°C ambient.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
Ⓔ EISA -Pulse Start MH: 150W electronic & 175W - 400W magnetic ballast fixtures meet Energy Independence & Security Act (EISA) requirements.
NEC compliance: Open Pulse Start & Probe Start MH fixtures are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States when magnetic ballast is installed.**

●Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description	
Cable Suspension Kits	Integral ballast and remote ballast HID only order separately from Accessories section Not suitable for remote ballast CFL fixtures
Hang Straight Kits - order separately from Accessories section	
Lamp - by others	

SC: 10" Glass Reflector
Closed Housing - Designer Red finish

SOL: 10" Glass Reflector
Open Housing - Standard Brite Plate finish

SOR: 10" Glass Reflector
Open Housing - Designer Royal Blue finish

Description

The Simcoe™ luminaire is an excellent choice for the designer who desires the ability to choose a luminaire's style, color and overall appearance, then combine it with leading edge optical assemblies. Featuring fully closed or slotted top decorative domes and the choice of trim levels, Simcoe™ can be styled to match the building décor.

Features

Functional Retro-look For applications with functional décor • Customize the look with color and accessories

Mount 1/2" or 3/4" hub for rigid pendant • Cable suspension • Hang straight stems

Construction Steel housing and bottom ring • Wire support rods

Optics Prismatic borosilicate glass reflector

Finish Standard, bright plate finish • Designer colors can be specified

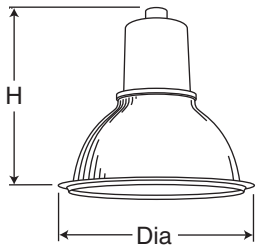
Lampholder HID - specification grade porcelain, medium base • Open HID fixtures are supplied with a lampholder for use open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Ballast Remote ballast – order separately • See ballast page for maximum allowable lamp to ballast distance

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions

Series	Dia.	H
SO, SC	10 1/2"	11"
SOL, SCL	12"	11 1/2"
SOR, SCR	12"	11 1/2"



Ordering Information Example: SCR70PS-G10-GP-WH

Series	Lamp (Watts/Type)	Ballast	Reflector	Trim & Lenses	Housing Color	Mounting
SCR	70PS	-	-G10	-GP	-WH	=

Closed Top Housing
SC With reflector only
SCL With reflector and bottom ring
SCR With reflector, rods and bottom ring

Open Top Housing
SO With reflector only
SOL With reflector and bottom ring
SOR With reflector, rods and bottom ring

● **Pulse Start Metal Halide†**
Open fixtures furnished with ANSI Type "O" lamp holder
ED17 - Medium base
50PS, 70PS, 100PS,
§ Ⓔ { 150PS

Probe Start Metal Halide†
Open fixtures furnished with ANSI Type "O" lamp holder
BD17 - Medium base
§ { 175MH

● **Compact Fluorescent**
GX24Q base
126CF, 132CF, 142CF, 157CF

Incandescent
Medium base
150IN, 300IN

REMOTE BALLAST ‡ Order separately
Consult chart found with the remote ballast ordering information to determine maximum lamp to ballast distance See RFB Series Remote Ballasts section

Glass
- G10 10" Dia. Borosilicate glass

No Trim No Suffix

Bottom Closure
Tempered glass
Available with SCR & SOR models only
- G Clear
- GP Prismatic

Louver
Available with SCR & SOR models only
Not available with lens
- V Brite-Plate™
- V - color
Specify color (polyester powder coat finish)

Housing and Ring No Suffix
Brite Plate™
-WH White
-BL Black

Designer Colors
Consult Factory

Stem No Suffix
Hub for use with 1/2" or 3/4" stem

Cable Suspension -CS
Provision for Cable Suspension
(Incandescent lamps only, order kit separately)

Accessories (Accessories are ordered and shipped separately)

Description
Cable Suspension Kits - order separately from Accessories section Not suitable for CFL fixtures
Hang Straight Kits - order separately from Accessories section
Lamp - by others

† **Metal Halide:**
Ⓔ EISA -Pulse Start MH: 150W - 150W with electronic ballast meets EISA requirements.
NEC compliance: Pulse Start & Probe Start MH luminaires are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§Not for use in the United States when magnetic ballast is installed.

●Fixtures are **ENERGY EFFICIENT**.

C75: 16" Glass Reflector
Housing - Standard White finish

C75: 16" Acrylic Reflector
Housing - Standard White finish
Reflector - Opaque White (Suffix O16W)

C75: 16" Acrylic Reflector with Cross Baffle
Housing - Designer Burgundy finish
Reflector - Painted to match the housing
(Suffix S16R)

Plug & Play:

1: Install stem
2: Attach luminaire top plate
3: Plug color coded harness into the ballast
4: Plug in the luminaire

Description

The Carleton™ luminaire is an excellent choice for the designer who desires the ability to choose a luminaire's style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Multi-Lamp Plug and Play This unique factory installed wiring harness makes installation of multi-lamp compact fluorescent fast and easy • AccuLite remote ballasts are supplied with the mating connector • 1: Attach the stem, 2: Attach the luminaire top plate, 3: Plug the color coded wire bundles into the ballasts (the wiring is bundled with one bundle per ballast), 4: Plug the luminaire into the wiring harness

Optics Three styles of 16" diameter reflectors: prismatic borosilicate glass, spun aluminum and premium Reflexor® acrylic • Acrylic reflectors are available in two shades of white • Acrylic reflectors are not suitable for oily environments

Mount 1/2' or 3/4" hub for rigid pendant • Cable suspension • Hang straight stems

Construction Cast aluminum housing

Finish White, black or silver polyester powder coat • Designer colors can be specified

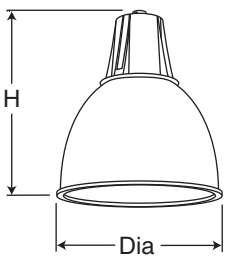
Lampholder HID - specification grade porcelain, medium or mogul base • HID fixtures are supplied with a lampholder for use with open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

Ballast Remote ballast – order separately • Consult chart for maximum allowable lamp to ballast distance

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions

Reflector	Trim	Dia.	H
-G16	-	15 3/8"	18 1/8"
-G16	Deco-Ring	18 3/8"	19 1/4"
-A16	-	16"	17 7/8"
-A16	Deco-Ring	18 3/8"	19"
-S16	-	16"	17 7/8"
-S16	Deco-Ring	18 3/8"	19"



Ordering Information Example: **C75-442CF-A16-B-SR**

Series	Lamp (Watts/Type)	Ballast	Reflector	Trim & Lenses	Housing Color	Mounting
C75-	442CF		-A16	-B	-SR	

C75-

● Pulse Start Metal Halide†
Fixtures furnished with ANSI Type "O" lamp

ED17 - Medium base
50PS, 70PS, 100PS, § Ⓔ{150PS†

ED28 - Mogul base
Ⓔ{175PS, 200PS, 250PS†

ED37 - Mogul base
Ⓔ{320PS, 350PS, 400PS†

Probe Start Metal Halide†
Fixtures furnished with ANSI Type "O" lamp

ED28 - Mogul base
§ {175MH, 250MH

ED37 - Mogul base
§ {400MH

● Compact Fluorescent
GX24Q base

One lamp
126CF, 132CF, 142CF, 157CF, 170CF

Two lamps
226CF, 232CF, 242CF, 257CF, 270CF

Three lamps
326CF, 332CF, 342CF, 357CF, 370CF

Four lamps
426CF, 432CF, 442CF, 457CF, 470CF

Incandescent
Mogul base
300IN, 500IN
500W Acrylic (open fixture only)

REMOTE BALLAST ‡
Order separately
Consult chart found with the remote ballast ordering information to determine maximum lamp to ballast distance See RFB and RBR Series Remote Ballasts sections

Glass
- G16 16" Dia. Borosilicate glass

Acrylic*
- A16 16" Dia. Clear Acrylic

Colored Acrylic*
See Reflector Options below

Aluminum
- S16 16" Dia. Natural finish Anodized

Colored Aluminum
- S16R 16" Dia. Outside surface of the reflector is painted the same color as the housing

Consult factory for a reflector painted a different color than the housing

No Trim
No Suffix

Acrylic Bottom Lens
For use with acrylic reflectors, includes clamp band

- C Conical lens
- D Drop lens

Deco-Ring
Deco-Rings are painted to match housing color

- B Ring only

Cross Baffle Louver
- X Aluminum reflectors only

Concentric Ring Louver
See below

Housing Color
- WH White
- BL Black
- SR Silver

Designer Colors
Consult Factory

Stem
No Suffix
Hub for use with 1/2" or 3/4" stem

Cable Suspension
-CS
Provision for Cable Suspension HID and incandescent lamps only

(Order kit separately)

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace clear reflector suffix with ...	
Whites	
Translucent	**-T16W**
Opaque	**-O16W**
Lamp - by others	

* **Acrylic Reflectors**:
Reflexor® - Acrylic optics by Lexalite™
Maximum 400W open reflector, 250W with bottom closure @ 25°C ambient.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
Ⓔ EISA -Pulse Start MH: - 150W electronic & all 175W - 400W meets Energy Independence & Security Act (EISA) requirements.
NEC compliance: Pulse Start & Probe Start MH luminaires are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§Not for use in the United States when magnetic ballast is installed.

●Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Concentric Ring Louver Not available with bottom lens or bottom ring	
16" glass	**LV16G-WH**
16" acrylic	**LV16A-WH**
16" aluminum	**LV16S-SR**
Deco Shroud - Mounts on top of housing	
White Finish	**DS-CAR-WH**
Black Finish	**DS-CAR-BL**
Silver Finish	**DS-CAR-SR**

Cable Suspension Kits - order separately from Accessories section
Not suitable for CFL fixtures

Hang Straight Kits - order separately from Accessories section

C75: 22" Acrylic Reflector
Housing - Standard White finish
Reflector - Opaque White (Suffix O22W)

Plug & Play:
1: Install stem
2: Attach luminaire top plate
3: Plug color coded harness into the ballast
4: Plug in the luminaire

Description

The Carleton™ luminaire is an excellent choice for the designer who desires the ability to choose a luminaire's style, color and overall appearance, then combine it with leading edge optical assemblies.

Features

Multi-Lamp Plug and Play Install compact fluorescent luminaires quickly with factory installed wiring harness • A unique three step wiring system for multi lamp luminaires • 1: Attach the stem, 2: Attach the luminaire top plate, 3: Plug the color coded wire bundles into the ballasts (the wiring is bundled with one bundle per ballast), 4: Plug the luminaire into the wiring harness • AccuLite remote ballasts are supplied with the mating connector

Optics Three styles of 22" diameter reflectors: prismatic borosilicate glass, spun aluminum and premium Reflexor® acrylic • Acrylic reflectors are available in two shades of white • Acrylic reflectors are not suitable for oily environments

Mount 1/2' or 3/4" hub for rigid pendant • Cable suspension • Hang straight stems

Construction Cast aluminum housing

Finish White, black or silver polyester powder coat • Designer colors can be specified

Lampholder HID - specification grade porcelain, medium or mogul base • HID fixtures are supplied with a lampholder for use with open rated metal halide lamps • CFL - 4 pin GX24Q base • Incandescent

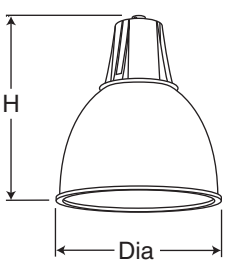
Ballast Remote ballast – order separately • Consult chart for maximum allowable lamp to ballast distance

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Dimensions

Deduct 3/4" when ordered with cable suspension

Reflector	Trim	Dia.	H
-G22	-	21 1/2"	17 5/8"
-G22	Deco-Ring	23 1/8"	19 1/8"
-A22	-	22"	20 1/2"
-A22	Deco-Ring	24 5/8"	22"
-S22	-	22 1/4"	19 5/8"
-S22	Deco-Ring	25 5/8"	21 1/8"



Ordering Information Example: **C75-442CF-A22-C-SR**

Series	Lamp (Watts/Type)	Ballast	Reflector	Trim & Lenses	Housing Color	Mounting
C75-	442CF		-A22	-C	-SR	

C75-●

Pulse Start Metal Halide†
Open fixtures furnished with ANSI Type "O" lamp

ED17 - Medium base
50PS, 70PS, 100PS, Ⓔ{150PS†

ED28 - Mogul base
Ⓔ{175PS, 200PS, 250PS†

ED37 - Mogul base
Ⓔ{320PS, 350PS, 400PS†

Probe Start Metal Halide†
Open fixtures furnished with ANSI Type "O" lamp

ED28 - Mogul base
§{175MH, 250MH

ED37 - Mogul base
§{400MH

● Compact Fluorescent
GX24Q base

One lamp
126CF, 132CF, 142CF, 157CF, 170CF

Two lamps
226CF, 232CF, 242CF, 257CF, 270CF

Three lamps
326CF, 332CF, 342CF, 357CF, 370CF

Four lamps
426CF, 432CF, 442CF, 457CF, 470CF

Six lamps
626CF, 632CF, 642CF

Eight lamps
826CF, 832CF, 842CF

Incandescent
Mogul base
300IN, 500IN
500W Acrylic (open fixture only)

REMOTE BALLAST ‡
Order separately

Consult chart found with the remote ballast ordering information to determine maximum lamp to ballast distance See RFB and RBR Series Remore Ballasts sections

Glass
- G22 22" Dia.
Borosilicate glass

Acrylic*
- A22 22" Dia.
Clear Acrylic

Colored Acrylic*
See Reflector Options below

Aluminum
- S22 22" Dia.
Natural finish Anodized

Colored Aluminum
- S22R 22" Dia.
Outside surface of the reflector is painted the same color as the housing

Consult factory for a reflector painted a different color than the housing

Basic Luminaire
No trim supplied
No Suffix

Acrylic Bottom Lens
For use with acrylic reflectors, includes clamp band

- C Conical lens
- D Drop lens

Deco-Ring
Deco-Rings are painted to match housing color

- B Ring only

Cross Baffle Louver
- X For aluminum reflectors

Concentric Ring Louver
See Accessories

Housing Color
- WH White
- BL Black
- SR Silver

Designer Colors
Consult Factory

Stem
No Suffix
Hub for use with 1/2" or 3/4" stem

Cable Suspension
-CS
Provision for Cable Suspension HID and incandescent lamps only

(Order kit separately)

Reflector Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace clear reflector suffix with ...	
Whites	
Translucent	**-T22W**
Opaque	**-O22W**

Lamp - by others

* **Acrylic Reflectors**:
Reflexor® - Acrylic optics by Lexalite™.
Maximum 400W open reflector, 400W with bottom closure @ 25°C ambient.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
Ⓔ EISA -Pulse Start MH: - 150W electronic & all 175W - 400W meet EISA requirements.
NEC compliance: Pulse Start & Probe Start MH luminaires are furnished with a lampholder for use with an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix **"-LSP."**

§Not for use in the United States when magnetic ballast is installed.

●Fixtures are **ENERGY EFFICIENT**.

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Concentric Ring Louver Not available with bottom lens or ring	
22" glass	**LV22G-WH**
22" acrylic	**LV22A-WH**
22" aluminum	**LV22S-SR**
Deco Shroud - Mounts on top of housing	
White Finish	**DS-CAR-WH**
Black Finish	**DS-CAR-BL**
Silver Finish	**DS-CAR-SL**

Cable Suspension Kits - order separately from Accessories section
Not suitable for CFL fixtures

Hang Straight Kits - order separately from Accessories section

"-G10": 10" Glass Reflector

"-G10R": 10" Glass Reflector
Decorative bottom ring

"-G16": 16" Glass Reflector

Description

The AccuGlass™ luminaire's revolutionary new low wattage electronic HID ballast offers advantages over a traditional magnetic ballast. With improved lumen maintenance, electronically ballasted luminaires can be specified with lower wattage lamps, yet easily reach the required minimum light levels at the end of lamp life. Electronic HID offers better color control and less color shift than magnetic ballast technology. Best of all, electronic HID reduces energy consumption and operating costs while extending average lamp life. For budget conscious applications time tested magnetic ballast technology offers a lower initial cost.

Features

Fewer Luminaires per Installation Electronic HID ballasts improve lumen maintenance • Fewer luminaires are required to maintain light levels • High performance AccuGlass™ luminaire provides more useable light to the task, further reducing the fixture count for even greater savings

Three Step Quick-Install Mount Mounts on a standard 3 1/2" or 4" junction box

Construction Die cast aluminum housing • Steel cover plate

Optics Borosilicate glass • Precision molded prisms • Unlike acrylic, glass does not deteriorate when exposed to ultra-violet light

Finish Housing - white polyester powder coat finish

Lampholder Specification grade porcelain, medium base

Electronic Ballast "Intelligent HID ballast" • Maximum 347V • 50/60Hz

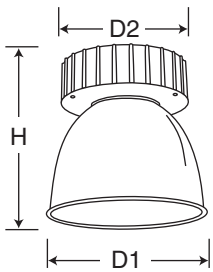
Magnetic Ballast Maximum 480V • 60Hz

Listing UL 1598/CSA C22.2 250 • Suitable for damp locations

Dimensions

3/4" Hub
Add 5 1/4" for flexible pendant with hook

Reflector	D1	D2	H
-G10	10 1/2"	12 1/2"	10 1/4"
-G10R	12"	12 1/2"	10 1/4"
-G16	15 3/8"	12 1/2"	15 1/4"
-G22	21 1/2"	12 1/2"	14 3/4"



Ordering Information Example: OR70PS-E12-G16-PD-PLS-CL

Series	Lamp (Watts/Type)	Ballast	Reflector	Mounting	Lampholder †	Options
OR	70PS	-E12	-G16	-PD	-PLS	-CL

Electronic Ballast

OR

Pulse Start Metal Halide†
ED17 - Medium base
50PS, 70PS, 100PS
Ⓔ {**150PS**

Compact Fluorescent
CFTR(watts) W/GX24Q - Four Pin
126CF, 132CF, 142CF, 157CF, 170CF

- **E12** - 120V
- **E27** - 277V
- **E34** - 347V

Magnetic Ballast

OR

Pulse Start Metal Halide†
ED17 - Medium base
50PS, 70PS, 100PS
§ {**150PS**

- **12** - 120V
- **20**‡ - 208V
- **24**‡ - 240V
- **27** - 277V
- **34** - 347V

100W & 150W
- **48**‡ - 480V

Borosilicate Glass
- **G10** 10" dia.
- **G10R** 10" dia. with bottom ring
- **G16** 16" dia.
- **G22** 22" dia.

Ceiling
No suffix Quick-Install
- **CE** Surface Mount Drilled for bolting to the ceiling with two 1/2" plugged side entries

Pendant
With 3/4" tapped hub
- **PD** Rigid Mount
- **PF** Flexible mount with balancing junction box

Lampholder for Protected Lamp †
- **PLS** Use with open rated lamp, (ANSI Type "O")

Bottom closure
not available

See below

Options (Options are factory installed)

Description		Suffix
Lamp Coated Lamp		**- CL**
Clear Lamp		**- L**
Quartz Auxillary		
Double contact bayonet base		
Quartz lamp not included		**- Q**
Fuse Holder		
Supplied with fuse		
On multi-tap ballasts indicate line voltage		
Single pole - Line to neutral	Magnetic Ballast	**- F1**
	Electronic Ballast	**- F1**
Two pole - Line to line		**- F2**
Lamp Socket Protector Use on line to line circuits when required by local certifying bodies		**- LSP**

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Ballast Safety Cable, Adjustable		
Attaches ballast housing to the structure		
Aircraft safety cable	Max 10' long	**HB-BSC10**
	Max 20' long	**HB-BSC20**
Louvers		
Steel rings with spot welded rods and brite-plate finish	16" Dia.	**LV16G-S**
	22" Dia.	**LV22G-S**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 150W with electronic ballast meets Energy Independence & Security Act (EISA) requirements.
NEC compliance: Pulse Start MH Luminaires must have a protected lamp socket (suffix "-PLS").

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§**Not for use in the United States when magnetic ballast is installed.**

"-A16": 16" Acrylic Reflector

Description

The Acculume™ luminaire's revolutionary new low wattage electronic HID ballast offers advantages over a traditional magnetic ballast. With improved lumen maintenance, electronically ballasted luminaires can be specified with lower wattage lamps, yet easily reach the required minimum light levels at the end of lamp life. Electronic HID offers better color control and less color shift than magnetic ballast technology. Best of all, electronic HID reduces energy consumption and operating costs while extending average lamp life. For budget conscious applications time tested magnetic ballast technology offers a lower initial cost.

Features

Fewer Luminaires per Installation Electronic HID ballasts improve lumen maintenance • Fewer luminaires are required to maintain light levels

Three Step Quick-Install Mount Mounts on a standard 3 1/2" or 4" junction box

Construction Die cast aluminum housing • Steel cover plate

Optics Full range of lightweight high grade acrylic* reflectors • Clear non-yellowing acrylic open topped reflectors • Available 12", 16" and 22" reflectors • Lightweight acrylic is ideal when glass is too heavy • Acrylic reflectors are not suitable for oily environments

Finish Housing - white polyester powder coat finish

Lampholder Specification grade porcelain, medium base

Electronic Ballast "Intelligent HID ballast" • Maximum 347V • 50/60Hz

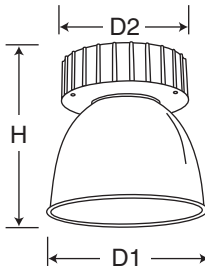
Magnetic Ballast Maximum 480V • 60Hz

Listing UL 1598/CSA C22.2 250 • Suitable for damp locations

Dimensions

3/4" Hub
Add 5 1/4" for flexible pendant with hook

Reflector	D1	D2	H
- A12	12 7/16"	12 1/2"	11 3/4"
- A16	16"	12 1/2"	15 3/8"
- A22	22"	12 1/2"	15 3/8"



Reflector Application Guide

With Acrylic Parts (Ambient 25°C)

Dia.	Watts	100	150
12"	Open Bottom	PLS	PLS
	Closed Bottom	YES	n/a
16"	Open Bottom	PLS	PLS
	Closed Bottom	YES	YES
22"	Open Bottom	n/a	PLS
	Closed Bottom	n/a	YES

YES Available up to indicated wattage

PLS Pulse Start MH lamps require lampholders for protected lamp – See Options

n/a Not available

* **Reflexor®** optics by Lexalite™

Ordering Information Example: **OR70PS-E12-A16-PD-PLS-CL**

Series	Lamp (Watts/Type)	Ballast	Reflector*	Mounting	Lampholder	Options
OR	70PS	-E12	-A16	-PD	-PLS	-CL

Electronic Ballast

OR

Pulse Start Metal Halide†
ED17 - Medium base
50PS, 70PS, 100PS
Ⓔ {**150PS**

Compact Fluorescent
CFTR(watts) W/GX24Q - Four Pin
126CF, 132CF, 142CF, 157CF, 170CF

- **E12** - 120V
- **E27** - 277V
- **E34** - 347V

Magnetic Ballast

OR

Pulse Start Metal Halide†
ED17 - Medium base
50PS, 70PS, 100PS
§ {**150PS**

- **12** - 120V
- **20‡** - 208V
- **24‡** - 240V
- **27** - 277V
- **34** - 347V

100W & 150W
- **48‡** - 480V

See Reflector Application Guide* on previous page for maximum wattage

Clear Acrylic*
- **A12** 12" dia. (includes dome lens)
- **A16** 16" dia. (order lens separately)
- **A22** 22" dia. (order lens separately)

Colored Acrylic*
See Options below

Ceiling
No suffix Quick-Install
- **CE** Surface Mount Drilled for bolting to the ceiling with two 1/2" plugged side entries

Pendant
With 3/4" tapped hub
- **PD** Rigid Mount
- **PF** Flexible mount with balancing junction box

Lampholder for Protected Lamp †
- **PLS** Use with open rated lamp, (ANSI Type "O")

Bottom closure
See Accessories

See below

Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors Replace clear reflector suffix with ...	
Whites	
Translucent: **T12W** 12" dia., **T16W** 16" dia., **T22W** 22" dia.	
Opaque: **O12W** 12" dia., **O16W** 16" dia., **O22W** 22" dia.	
Pearl	**-P12W** 12" dia.
Lamp Coated Lamp	**- CL**
Clear Lamp	**- L**
Quartz Auxillary Double contact bayonet base Quartz lamp not included	**- Q**
Fuse Holder Supplied with fuse On multi-tap ballasts indicate line voltage	
Single pole - Line to neutral — Magnetic Ballast	**- F1**
Single pole - Line to neutral — Electronic Ballast	**- F1**
Two pole - Line to line — Magnetic Ballast	**- F2**
Two pole - Line to line — Electronic Ballast	Not Available

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Ballast Safety Cable, Adjustable Attaches ballast housing to the structure		
Aircraft safety cable	Max 10' long	**HB-BSC10**
	Max 20' long	**HB-BSC20**
Optical Assembly Safety Cable Attaches reflector to the ballast housing		
Aircraft safety cable	Max 20" long	**HB-RSC**
Bottom Closure*		
Flat - Glass	16" reflector	**PR16-BL***
	22" reflector	**PR22-BL***
Dome - Acrylic	12" reflector	Standard
Drop - Acrylic	16" reflector	**PR16-DL***
	22" reflector	**PR22-DL***
Conical - Acrylic	16" reflector	**PR16-CL***
	22" reflector	**PR22-CL***
Louvers Steel rings with spot welded rods and white finish	12" reflector	**LV12A-WH**
	16" reflector	**LV16A-WH**
	22" reflector	**LV22A-WH**

* **Acrylic Reflectors:**
Reflexor® - Acrylic optics by Lexalite™
Maximum 12" reflector -150W open reflector, 100W with bottom closure.
Maximum 16" & 22" reflector - 150W open or closed reflector.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 150W with electronic ballast meets Energy Independence & Security Act (EISA) requirements.
NEC compliance: Pulse Start MH Luminaires must have a protected lamp socket (suffix "-PLS") or a bottom closure (see Accessories).

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§**Not for use in the United States when magnetic ballast is installed.**

"-S16": 16" Aluminum Reflector

Description

The Econobay™ luminaire's revolutionary new low wattage electronic HID ballast offers advantages over a traditional magnetic ballast. With improved lumen maintenance, electronically ballasted luminaires can be specified with lower wattage lamps, yet easily reach the required minimum light levels at the end of lamp life. Electronic HID offers better color control and less color shift than magnetic ballast technology. Best of all, electronic HID reduces energy consumption and operating costs while extending average lamp life. For budget conscious applications time tested magnetic ballast technology offers a lower initial cost.

Features

Fewer Luminaires per Installation Electronic HID ballasts improve lumen maintenance • Fewer luminaires are required to maintain light levels

Three Step Quick-Install Mount Mounts on a standard 3 1/2" or 4" junction box

Construction Die cast aluminum housing • Steel cover plate

Optics 12" and 16" spun aluminum

Finish Housing - white polyester powder coat finish

Lampholder Specification grade porcelain, medium base

Electronic Ballast "Intelligent HID ballast" • Maximum 347V • 50/60Hz

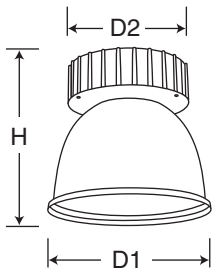
Magnetic Ballast Maximum 480V • 60Hz

Listing UL 1598/CSA C22.2 250 • Suitable for damp locations

Dimensions

3/4" Hub
Add 5 1/4" for flexible pendant with hook

Reflector	D1	D2	H
-12	12 3/8"	12 1/2"	11 7/8"
-16	16 1/8"	12 1/2"	15"



Ordering Information Example: **OR70PS-E12-S16-PD-PLS-CL**

Series	Lamp (Watts/Type)	Ballast	Reflector	Mounting	Lampholder †	Options
OR	70PS	-E12	-S16	-PD	-PLS	-CL

Electronic Ballast

OR

Pulse Start Metal Halide†
ED17 - Medium base
50PS, 70PS, 100PS
Ⓔ {**150PS**

Compact Fluorescent
CFTR(watts) W/GX24Q - Four Pin
126CF, 132CF, 142CF, 157CF, 170CF

Electronic
- **E12** - 120V
- **E27** - 277V
- **E34** - 347V

Magnetic Ballast

OR

Pulse Start Metal Halide†
ED17 - Medium base
50PS, 70PS, 100PS
§ {**150PS**

- **12** - 120V
- **20**‡ - 208V
- **24**‡ - 240V
- **27** - 277V
- **34** - 347V

100W & 150W
- **48**‡ - 480V

Aluminum
- **S12** 12" dia.
- **S16** 16" dia.

Ceiling
No suffix Quick-Install
- **CE** Surface Mount Drilled for bolting to the ceiling with two 1/2" plugged side entries

Pendant
With 3/4" tapped hub
- **PD** Rigid Mount
- **PF** Flexible mount includes balancing junction box

Lampholder for Protected Lamp†
- **PLS** Use with open rated lamp, (ANSI Type "O")

Bottom closure
12" not available
16" See Accessories

Options (Options are factory installed)

Description		Suffix
Lamp Coated Lamp		**- CL**
Clear Lamp		**- L**
Quartz Auxillary		
Double contact bayonet base		
Quartz lamp not included		**- Q**
Fuse Holder		
Supplied with fuse		
On multi-tap ballasts indicate line voltage		
Single pole - Line to neutral	Magnetic Ballast	**- F1**
	Electronic Ballast	**- F1**
Two pole - Line to line	Magnetic Ballast	**- F2**
	Electronic Ballast	Not Available

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Ballast Safety Cable, Adjustable		
Attaches ballast housing to the structure		
Aircraft safety cable	Max 10' long	**HB-BSC10**
	Max 20' long	**HB-BSC20**
Optical Assembly Safety Cable		
Attaches reflector to the ballast housing		
Aircraft safety cable	Max 20" long	**HB-RSC**
Bottom Closure	16" Dia.	**HB3-BL**
Wire Guard	16" Dia.	**HB3-WG**
Louvers Steel rings with spot welded rods and brite-plate finish	16" Dia.	**LV16S-S**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 150W with electronic ballast meets Energy Independence & Security Act (EISA) requirements.
NEC compliance: Pulse Start MH Luminaires must have a protected lamp socket (suffix "-PLS") or a bottom closure (see Accessories).

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States when magnetic ballast is installed.**

"-LB16": 16" Lowbay Reflector

Description

The Accuglo™ luminaire's revolutionary new low wattage electronic HID ballast offers advantages over a traditional magnetic ballast. With improved lumen maintenance, electronically ballasted luminaires can be specified with lower wattage lamps, yet easily reach the required minimum light levels at the end of lamp life. Electronic HID offers better color control and less color shift than magnetic ballast technology. Best of all, electronic HID reduces energy consumption and operating costs while extending average lamp life. For budget conscious applications time tested magnetic ballast technology offers a lower initial cost.

Features

Fewer Luminaires per Installation Electronic HID ballasts improve lumen maintenance • Fewer luminaires are required to maintain light levels • High performance Accuglo™ luminaires provide more useable light to the seeing task, further reducing the fixture count for even greater savings

Three Step Quick-Install Mount Mounts on a standard 3 1/2" or 4" junction box

Construction Die cast aluminum housing • Steel cover plate

Optics 16" enclosed lowbay optic • Acrylic bottom lens • High reflectance white reflector finish • Standard lowbay reflector or gasketed reflector assembly

Finish Housing - white polyester powder coat finish

Lampholder Specification grade porcelain, medium base

Electronic Ballast 120V through 277V • "Intelligent HID ballast" • Maximum 347V • 50/60Hz

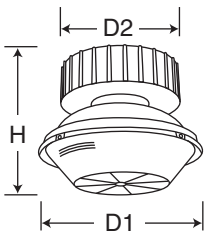
Magnetic Ballast Maximum 480V • 60Hz

Listing UL 1598/CSA C22.2 250 • Suitable for damp locations

Dimensions

3/4" Hub
Add 5 1/4" for flexible pendant with hook

Reflector	D1	D2	H
-LB16	16 9/32"	12 1/2"	10 1/4"



Ordering Information Example: **MA70PS-E12-LB16-PD-CL**

Series	Lamp (Watts/Type)	Ballast	Reflector	Mounting	Options
MA	70PS	-E12	-LB16	-PD	-CL

Electronic Ballast

MA

Pulse Start Metal Halide†
ED17 - Medium base
50PS, 70PS, 100PS
Ⓔ {**150PS**

Compact Fluorescent
CFTR(watts) W/GX24Q - Four Pin
126CF, 132CF, 142CF, 157CF, 170CF

Electronic
- **E12** - 120V
- **E27** - 277V
- **E34** - 347V

Magnetic Ballast

MA

Pulse Start Metal Halide†
ED17 - Medium base
50PS, 70PS, 100PS
§ {**150PS**

- **12** - 120V
- **20**‡ - 208V
- **24**‡ - 240V
- **27** - 277V
- **34** - 347V

100W & 150W
- **48**‡ - 480V

Enclosed
White painted aluminum reflector and acrylic lens
- **LB16** 16" dia.

Gasketed Optical Assembly
Fully gasketed optical assembly with white painted aluminum reflector and acrylic lens
- **LB16-RG** 16" dia.

Ceiling
No suffix Quick-Install
- **CE** Surface Mount Drilled for bolting to the ceiling with two 1/2" plugged side entries

Pendant
With 3/4" tapped hub
- **PD** Rigid Mount
- **PF** Flexible mount includes balancing junction box

See below

Options (Options are factory installed)

Description		Suffix
Lamp Coated Lamp (Recommended for MH)		**- CL**
Clear Lamp		**- L**
Quartz Auxillary		
Double contact bayonet base		
Quartz lamp not included		**- Q**
Fuse Holder		
Supplied with fuse		
On multi-tap ballasts indicate line voltage		
Single pole - Line to neutral	Magnetic Ballast	**- F1**
	Electronic Ballast	**- F1**
Two pole - Line to line	Magnetic Ballast	**- F2**
	Electronic Ballast	Not Available

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Ballast Safety Cable, Adjustable		
Attaches ballast housing to the structure		
Aircraft safety cable	Max 10' long	**HB-BSC10**
	Max 20' long	**HB-BSC20**
Optical Assembly Safety Cable		
Attaches reflector to the ballast housing		
Aircraft safety cable	Max 20" long	**HB-RSC**
Wire Guard	16" Dia.	**MAG-WG**

†**Metal Halide:**
Ⓔ EISA - Pulse Start MH: 250W - 400W meets Energy Independence & Security Act (EISA) requirements.

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States when magnetic ballast is installed.**

EDL: Standard Profile
17" Faceted Reflector

LPEDL: Low Profile
17" Faceted Reflector

Description

The Duralyte™ luminaire's revolutionary medium wattage electronic ballast offers advantages over traditional magnetic ballasts. With improved lumen maintenance, electronically ballasted luminaires can be specified with lower wattage lamps, yet easily reach the required light levels at the end of lamp life. Best of all, electronic HID reduces energy consumption and operating costs by extending average lamp life.

Features

Optics Fully faceted aluminum reflector ensures highest luminaire performance • Field adjustable • Eleven positions for better light control

Fewer Luminaires per Installation Electronic ballasts improve lumen maintenance • Pulse Start Metal Halide Lamps • High performance luminaires provide more useable light to the task

Construction Die cast aluminum housing • Steel cover plate • Steel flexible pendant junction box • Low profile housing - extruded aluminum

Plumb Hanging Both standard and low profile luminaires hang plumb for easy flexible mounting

Continuous Dimming Digital or analog • Optional

Mounting Pendant or Quick-Install ceiling mount

Enclosed Optical Assembly Optional

Finish White polyester powder coat finish • Flexible pendant junction box - Brite-Plate™

Lampholder Specification grade porcelain, mogul base

Electronic Ballast 200V through 277V • 250W, 320W, 350W or 400W • Low temperature starting • Pulse Start MH –30˚C / –20˚F 50/60Hz

Listing UL 1598/CSA C22.2 250 • Suitable for damp locations

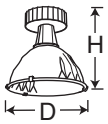
Ambient Standard Profile 25°C • Low Profile 50°C

Dimensions

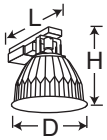
3/4" Hub

Add 3" when supplied with hook

Standard	D	H (min)	H (Max)
17"	17 1/8"	21 3/8"	23 7/8"
22"	23 3/4"	21 5/8"	24 1/8"



Low Profile	D	H (Min)	H (Max)	L
17"	17 1/4"	17 1/4"	19 1/2"	28 1/8"
22"	23 3/4"	17 1/2"	19 3/4"	30 7/8"



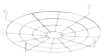
Ordering Information Example: EDL350PS-U27-17-PLS-L

Series	Lamp (Watts/Type)	Ballast	Reflector	Mounting	Lampholder or Bottom Closure	Options
EDL	350PS	-U27	-17	-	-PLS	-L
Standard Profile **EDL** Low Profile **LPEDL**	**Pulse Start Metal Halide** Mogul Base - ED28 Ⓔ {**250W** Mogul Base - ED37 Ⓔ {**320PS, 350PS, 400PS**	**Electronic** 200V thru 277V ‡ **- U27** 200V - 277V **- E20** 200V **- E24** 240V **- E27** 277V	**Fully Faceted Aluminum** **- 17** 17" **- 22** 22"	**Pendant** With 3/4" tapped hub **No suffix** Flexible Mount **Ceiling** **- K** Quick-Install Mounts on standard 3 1/2" or 4" junction box	**Lampholder for Protected Lamp** † **- PLS** Use with open rated lamp, (ANSI Type "O") **Bottom closure** **- BC** Glass For use with standard lamp, (ANSI Type "E")	See below

Options (Options are factory installed)

Description		Suffix
Lamp Coated Lamp† (Recommended)		**- CL**
Clear Lamp†		**- L**
Quartz Auxiliary		
Double contact bayonet base		
Quartz lamp not included	Cold Start/Hot Restrike	**- Q**
Fuse Holder Supplied with fuse		
Indicate line voltage		
Single pole - Line to neutral		**- F1**
Two pole - Line to line		**- F2**
Lamp Socket Protector Use on line to line circuits when required by local certifying bodies		**- LSP**
Dimming		
Order controls separately		
Analog dimming (0-10 volt)		**- AD**

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #	
Safety Hook			
3/4" NPT			
Die cast aluminum	Male	**HK75SS**	
	Female	**HF75SS**	
Cord Set			
For indoor luminaires (dry location). Cord only, 3 conductor, 3' long, Type ST105 (white cord)		**3C**	
Cord & Twist Lock Plug			
Cord and plug, 3 conductor, 3' long, Type ST105 (white cord) 15A or 20A available		**3C-TLP-(volts)-(amps)**	
Power Hook			
15A Twist lock receptacle, hook and junction box feed-through or pendant mount (3/4")		**HBPH-(volts)**	
Q-Deck Plate			
For quick mounting		**Q-DECK**	
Mounting screws not included			
Ballast Safety Cable, Adjustable			
Attaches ballast housing to the structure			
Aircraft safety cable	Max 10' long	**HB-BSC10**	
	Max 20' long	**HB-BSC20**	
Optical Assembly Safety Cable			
Attaches reflector to the ballast housing			
Aircraft safety cable	Max 20" long	**HB-RSC**	
Wire Guard			
Not available with bottom closure	17" Dia.	**DL17-WG**	
	22" Dia.	**DL22-WG**	
Louvers			
Steel rings with spot welded rods and brite-plate finish	17" Dia.	**LV17F-S**	
	22" Dia.	**LV22F-S**	

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 250W - 400W meets Energy Independence & Security Act (EISA) requirements.
NEC compliance: Pulse Start MH Luminaires must have a protected lamp socket (suffix "-PLS") or a bottom closure (suffix "-BC").

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

ECG: Standard Profile
16" Glass Reflector

LPECG: Low Profile
16" Glass Reflector

Description

The AccuGlass™ luminaire's revolutionary medium wattage electronic HID ballast offers advantages over traditional magnetic ballasts. With improved lumen maintenance, electronically ballasted luminaires can be specified with lower wattage lamps, yet easily reach the required light levels at the end of lamp life. Best of all, electronic HID reduces energy consumption and operating costs by extending average lamp life.

Features

Optics Borosilicate prismatic glass reflector • Unlike acrylic, glass does not deteriorate when exposed to ultra-violet light or most chemicals

Fewer Luminaires per Installation Electronic ballasts improve lumen maintenance • Pulse Start Metal Halide Lamps • High performance luminaires provide more useable light to the task

Construction Die cast aluminum housing • Steel cover plate • Steel flexible pendant junction box • Low profile housing - extruded aluminum

Plumb Hanging Both standard and low profile luminaires hang plumb for easy flexible mounting

Continuous Dimming Digital or analog • Optional

Mounting Pendant or Quick-Install ceiling mount

Finish White polyester powder coat finish • Flexible pendant junction box - Brite-Plate™

Lampholder Specification grade porcelain, mogul base

Electronic Ballast 200V through 277V • 250W, 320W, 350W or 400W • Low temperature starting • Pulse Start MH –30˚C / –20˚F 50/60Hz

Listing UL 1598/CSA C22.2 250 • Suitable for damp locations

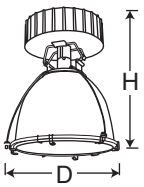
Ambient Standard Profile 25°C • Low Profile 50°C.

Dimensions

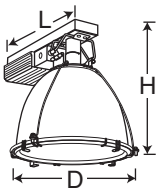
3/4" Hub

Add 3" when supplied with hook

Standard	D	H
16"	15 3/8"	22 1/4"
22"	21 1/2"	21 1/2"



Low Profile	D	H	L
16"	15 3/8"	17"	27 1/8"
22"	21 1/2"	16 1/4"	30 1/4"



Ordering Information Example: **ECG350PS-U27-C-PLS-CL**

Series	Lamp (Watts/Type)	Ballast	Reflector	Mounting	Lampholder or Bottom Closure	Options
ECG	**350PS**	**-U27**	**-C**	**-**	**-PLS**	**-CL**
Standard Profile **ECG** Low Profile **LPECG**	**Pulse Start Metal Halide** Mogul Base - ED28 Ⓔ **250W** Mogul Base - ED37 Ⓔ **320PS, 350PS, 400PS**	**Electronic** 200V thru 277V ‡ **- U27** 200V - 277V **- E20** 200V **- E24** 240V **- E27** 277V	**Borosilicate Glass** **- A** 16" **- C** 22"	**Pendant** With 3/4" tapped hub **No suffix** Flexible Mount **Ceiling** **- K** Quick-Install Mounts on standard 3 1/2" or 4" junction box	**Lampholder for Protected Lamp** † **- PLS** Use with open rated lamp, (ANSI Type "E") **- BC** Bottom Glass Lens	See below

Options (Options are factory installed)

Description	Suffix
Lamp Coated Lamp† (Recommended)	**- CL**
Clear Lamp†	**- L**
Quartz Auxiliary Double contact bayonet base Quartz lamp not included Cold Start/Hot Restrike	**- Q**
Fuse Holder Supplied with fuse Indicate line voltage	
Single pole - Line to neutral	**- F1**
Two pole - Line to line	**- F2**
Lamp Socket Protector Use on line to line circuits when required by local certifying bodies	**- LSP**
Dimming Order controls separately	
Analog dimming (0-10 volt)	**- AD**
Bottom Lens, Glass	**- BC**

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Safety Hook 3/4" NPT Die cast aluminum	Male Female	**HK75SS** **HF75SS**
Cord Set For indoor luminaires (dry location). Cord only, 3 conductor, 3' long, Type ST105 (white cord)		**3C**
Cord & Twist Lock Plug Cord and plug, 3 conductor, 3' long, Type ST105 (white cord) 15A or 20A available		**3C-TLP-(volts)-(amps)**
Power Hook 15A Twist lock receptacle, hook and junction box feed-through or pendant mount (3/4")		**HBPH-(volts)**
Q-Deck Plate For quick mounting Mounting screws not included		**Q-DECK**
Ballast Safety Cable, Adjustable Attaches ballast housing to the structure Aircraft safety cable	Max 10' long Max 20' long	**HB-BSC10** **HB-BSC20**
Optical Assembly Safety Cable Attaches reflector to the ballast housing Aircraft safety cable	Max 20" long	**HB-RSC**
Wire Guard	16" Dia. 22" Dia.	**ACG-A-WG** **ACG-C-WG**
Louvers Steel rings with spot welded rods and brite-plate finish	16" Dia. 22" Dia.	**LV16G-S** **LV22G-S**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 250W - 400W meets Energy Independence & Security Act (EISA) requirements.
NEC compliance : Pulse Start MH Luminaires must have a protected lamp socket (suffix "-PLS").

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

EHB: Standard Profile
16" Acrylic Reflector

LPEHB: Low Profile
16" Acrylic Reflector

Description

The Acculume™ luminaire's revolutionary medium wattage electronic HID ballast offers advantages over traditional magnetic ballasts. With improved lumen maintenance, electronically ballasted luminaires can be specified with lower wattage lamps, yet easily reach the required light levels at the end of lamp life. Best of all, electronic HID reduces energy consumption and operating costs by extending average lamp life.

Features

Fewer Luminaires per Installation Electronic ballasts improve lumen maintenance • Pulse Start Metal Halide Lamps • High performance luminaires provide more useable light to the seeing task

Construction Die cast aluminum housing • Steel cover plate • Steel flexible pendant junction box • Low profile housing - extruded aluminum

Plumb Hanging Both standard and low profile luminaires hang plumb for easy flexible mounting

Optics Clear non-yellowing acrylic* open topped reflectors • Available 16", 22" and 25" reflectors • Acrylic reflectors are not recommended for oily environments

Continuous Dimming Digital or analog • Optional

Mounting Pendant or quick-install ceiling mount

Finish White polyester powder coat finish • Flexible pendant junction box - Brite-Plate™

Lampholder Specification grade porcelain, mogul base

Electronic Ballast 200V through 277V • 250W, 320W, 350W or 400W • Low temperature starting • Pulse Start MH –30˚C / –20˚F 50/60Hz

Listing UL 1598/CSA C22.2 250 • Suitable for damp locations

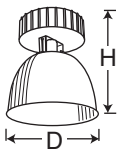
Ambient Standard Profile 25°C • Low Profile 50°C.

Dimensions

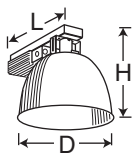
3/4" Hub

Add 3" when supplied with hook

Standard	D	H
16"	20 7/8"	22 7/8"
22"	23 1/8"	25 1/8"
25"	23 5/8"	25 5/8"



Low Profile	D	H	L
16"	15 5/8"	17 5/8"	27 1/2"
22"	17 7/8"	19 7/8"	30 1/2"
25"	18 3/8"	20 3/8"	32"



Reflector Application Guide

With Acrylic Parts (Ambient 25°C)

Dia.	Watts	250	400
16"	Open Bottom	PLS	PLS
	Closed Bottom	YES	n/a
22"	Open Bottom	PLS	PLS
	Closed Bottom	YES	YES
25"	Open Bottom	PLS	PLS
	Closed Bottom	YES	YES

YES Available up to indicated wattage

PLS Pulse Start MH lamps require lampholders for protected lamp – See Options

n/a Not available

Ordering Information Example: **EHB350PS-U27-A22-PLS-CL**

Series	Lamp (Watts/Type)	Ballast	Reflector*	Mounting	Lampholder or Bottom Closure	Options
EHB	**350PS**	**-U27**	**-A22**	**-**	**-PLS**	**-CL**
Standard Profile **EHB** Low Profile **LPEHB**	**Pulse Start Metal Halide** Mogul Base - ED28 Ⓔ **250W** Mogul Base - ED37 Ⓔ **320PS, 350PS, 400PS**	**Electronic** 200V thru 277V ‡ **- U27** 200V - 277V **- E20** 200V **- E24** 240V **- E27** 277V	**Clear Acrylic*-** **A16** 16" dia. **- A22** 22" dia. **- A25** 25" dia. **Colored Acrylic*** See Options	**Pendant** With 3/4" tapped hub **No suffix** Flexible Mount **Ceiling** **- K** Quick-Install Mounts on standard 3 1/2" or 4" junction box	**Lampholder for Protected Lamp †** **- PLS** Use with open rated lamp, (ANSI Type "O") **Bottom closure** See Accessories For use with standard lamp, (ANSI Type "E")	See below

Options (Options are factory installed)

Description	Suffix
Acrylic Reflector Colors	
Replace clear reflector suffix with ...	
Whites	
Translucent - **T16W** 16" dia. - **T22W** 22" dia. - **T25W** 25" dia.	
Opaque - **O16W** 16" dia. - **O22W** 22" dia. - **O25W** 25" dia.	
Lamp Coated Lamp† (Recommended)	**- CL**
Clear Lamp†	**- L**
Quartz Auxiliary Double contact bayonet base Quartz lamp not included Cold Start/Hot Restrike	**- Q**
Fuse Holder Supplied with fuse Indicate line voltage	
Single pole - Line to neutral	**- F1**
Two pole - Line to line	**- F2**
Lamp Socket Protector Use on line to line circuits when required by local certifying bodies	**- LSP**
Dimming Order controls separately	
Analog dimming (0-10 volt)	**- AD**

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Safety Hook 3/4" NPT Die cast aluminum	Male Female	**HK75SS** **HF75SS**
Cord Set For indoor luminaires (dry location). Cord only, 3 conductor, 3' long, Type ST105 (white cord)		**3C**
Cord & Twist Lock Plug Cord and plug, 3 conductor, 3' long, Type ST105 (white cord) 15A or 20A available		**3C-TLP-(volts)-(amps)**
Power Hook 15A Twist lock receptacle, hook and junction box feed-through or pendant mount (3/4")		**HBPH-(volts)**
Q-Deck Plate For quick mounting Mounting screws not included		**Q-DECK**
Ballast Safety Cable, Adjustable Attaches ballast housing to the structure		
Aircraft safety cable	Max 10' long Max 20' long	**HB-BSC10** **HB-BSC20**
Optical Assembly Safety Cable Attaches reflector to the ballast housing		
Aircraft safety cable	Max 20" long	**HB-RSC**
Bottom Closure* **Flat - Glass**	16" reflector 22" reflector 25" reflector	**PR16-BL*** **PR22-BL*** **PR25-BL***
Drop - Acrylic	16" reflector 22" reflector	**PR16-DL*** **PR22-DL***
Conical - Acrylic	16" reflector 22" reflector	**PR16-CL*** **PR22-CL***
Inverted Conical - Acrylic	25" reflector	**PR25-CL***
Full Wire Guard	16" reflector 22" reflector	**PR16-FWG** **PR22-FWG**
Louvers Steel rings with spot welded rods and white finish	16" reflector 22" reflector 25" reflector	**LV16A-WH** **LV22A-WH** **LV25A-WH**

* **Acrylic Reflectors**:
Reflexor® - Acrylic optics by Lexalite™
16" reflector: Maximum 400W open reflector, 250W with bottom closure.
22" & 25" Reflector - Maximum 400W open reflector, 400W with bottom closure.
Not recommended for oily environments, consult factory.

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 250W - 400W meets Energy Independence & Security Act (EISA) requirements.
NEC compliance : Pulse Start MH Luminaires must have a protected lamp socket (suffix "-PLS") or a bottom closure (see Accessories).

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

EAG: Standard Profile 22" Reflector

LPEAG: Low Profile 22" Reflector

Description

The Accuglo™ luminaire's revolutionary medium wattage electronic HID ballast offers advantages over traditional magnetic ballasts. With improved lumen maintenance, electronically ballasted luminaires can be specified with lower wattage lamps, yet easily reach the required light levels at the end of lamp life. Best of all, electronic HID reduces energy consumption and operating costs by extending average lamp life.

Features

Fewer Luminaires per Installation Electronic ballasts improve lumen maintenance • Pulse Start metal halide lamps • High performance luminaires provide more useable light to the task

Construction Die cast aluminum housing • Steel cover plate • Steel flexible pendant junction box • Low profile housing - extruded aluminum

Optics High performance high reflectance (95%) white polyester powder coat finish (inside and outside surfaces) • Low surface brightness • Acrylic lens • Choice of standard enclosed optical assembly or gasketed optical assembly

Plumb Hanging Both standard and low profile luminaires hang plumb for easy flexible mounting

Continuous Dimming Digital or analog • Optional

Mounting Pendant or quick-install ceiling mount

Finish White polyester powder coat finish • Flexible pendant junction box - Brite-Plate™

Lampholder Specification grade porcelain, mogul base

Electronic Ballast 200V through 277V • 250W, 320W, 350W or 400W • Low temperature starting • Pulse Start MH –30˚C / –20˚F 50/60Hz

Listing UL 1598/CSA C22.2 250 • Suitable for damp locations

Ambient Standard Profile 25°C • Low Profile 50°C.

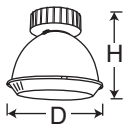
Dimensions

3/4" Hub

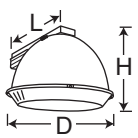
Add 3" when supplied with hook

Standard	D	H
22"	22 1/2"	19 1/2"

Enclosed Optical Assembly	D	H
22"	22 1/2"	19 1/2"



Low Profile	D	H	L
22"	22 1/2"	16 3/4"	34 1/2"



Ordering Information Example: EAG350PS-U27-22-L-PLS

Series	Lamp (Watts/Type)	Ballast	Reflector*	Mounting	Options	
EAG	350PS	-U27	-22	-	L	-PLS

Series
Standard Profile **EAG**
Low Profile **LPEAG**

Lamp (Watts/Type)
Pulse Start Metal Halide
Mogul Base - ED28
Ⓔ {**250W**
Mogul Base - ED37
Ⓔ {**320PS, 350PS, 400PS**

Ballast
Electronic
200V thru 277V ‡
- U27 200V - 277V
- E20 200V
- E24 240V
- E27 277V

Reflector*
Standard Reflector
- 22 - 22" dia.
White painted aluminum reflector with acrylic lens
Gasketed Reflector
- 22-RG - 22" dia.
Fully gasketed reflector assembly
White painted aluminum reflector with acrylic lens

Mounting
Pendant
With 3/4" tapped hub
No suffix Flexible Mount
Ceiling
- K Quick-Install
Mounts on standard 3 1/2" or 4" junction box

Options
See below

-PLS Socket for protected lamp

Options (Options are factory installed)

Description		Suffix
Lamp Coated Lamp†		**- CL**
Clear Lamp†		**- L**
Quartz Auxiliary		
Double contact bayonet base		
Quartz lamp not included	Cold Start/Hot Restrike	**- Q**
Fuse Holder Supplied with fuse		
Indicate line voltage		
Single pole - Line to neutral		**- F1**
Two pole - Line to line		**- F2**
Lamp Socket Protector Use on line to line circuits when required by local certifying bodies		**- LSP**
Dimming		
Order controls separately		
Analog dimming (0-10 volt)		**- AD**

Accessories (Accessories are ordered and shipped separately)

Description		Catalog #
Safety Hook		
3/4" NPT		
Die cast aluminum	Male	**HK75SS**
	Female	**HF75SS**
Cord Set		
For indoor luminaires (dry location). Cord only, 3 conductor, 3' long, Type ST105 (white cord)		**3C**
Cord & Twist Lock Plug		
Cord and plug, 3 conductor, 3' long, Type ST105 (white cord) 15A or 20A available		**3C-TLP-(volts)-(amps)**
Power Hook		
15A Twist lock receptacle, hook and junction box feed-through or pendant mount (3/4")		**HBPH-(volts)**
Q-Deck Plate		
For quick mounting		**Q-DECK**
Mounting screws not included		
Ballast Safety Cable, Adjustable		
Attaches ballast housing to the structure		
Aircraft safety cable	Max 10' long	**HB-BSC10**
Aircraft safety cable	Max 20' long	**HB-BSC20**
Optical Assembly Safety Cable		
20" long aircraft safety cable, attaches reflector to the ballast housing		**HB-RSC**
Wire Guard	22" Dia.	**AG-WG**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 250W - 400W meets Energy Independence & Security Act (EISA) requirements.
‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

Description

The Paralume™ luminaire is an enclosed luminaire with prismatic lens. For commercial and retail applications where metal halide lamps are desirable, the Paralume luminaire is an attractive low brightness lighting solution.

Optics Low brightness tempered prismatic glass lens
• High reflectance white reflector

Listing UL 1598/CSA C22.2 250

Features

Vertical Lamp Vertical lamp orientation ensures maximum light output, minimum lumen depreciation and longest life in metal halide lamps

Easy Installation Mount in open plenum non-insulated inverted T-bar ceiling

Construction Heavy duty extruded aluminum frame • Side mounted ballast housing is heavy duty sheet steel • Flexible conduit protects wiring from ballast to the lamp socket

Easy Relamping Tool free access • Easy access swing down door

Finish White polyester powder coat reflector and housing • Heat dissipating black ballast housing

Mounting Mount in 2' X 2' T-bar ceiling

Pulse Start Metal Halide Pulse Start provides longer lamp life, more lumens per watt, better lumen maintenance, superior color rendering, faster lamp warm up and faster hot restrike

Lampholder Specification grade porcelain, mogul base

Ballasts Ballasts feature a thermal cut-out
• HPF ballasts are suitable for low temperature starting
• MH -30°C, Pulse Start MH -40°C, HPS -40°C

Ordering Information Example: **RL320PS-277-L**

Series	Lamp (Watts/Type)	Volts	Lens	Options
RL	320PS	-277	-	L

RL

Lamp (Watts/Type)

● **Pulse Start Metal Halide**†
§ **150PS** ED28
Ⓔ **175PS, 200PS, 250PS** ED28
Ⓔ **320PS, 350PS, 400PS, 450PS** ED37

Probe Start Metal Halide†
§ **250MH** ED23.5
§ **400MH** ED37

● **High Pressure Sodium**
150HP ED28
250HP, 400HP ED18

Volts

Magnetic ‡
- 120 120V
- 208 ‡ 208V
- 240 ‡ 240V
- 277 277V
- 347 347V
- 480 ‡ 480V

Lens

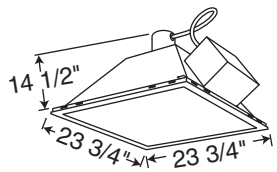
No suffix
Prismatic glass lens

Options

See below

Dimensions

Prismatic Lens



† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: Pulse Start MH 175W - 450W lamps meet Energy Independence & Security Act (EISA) requirements.

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States.**

●Fixtures are ENERGY EFFICIENT.

Options (Options are factory installed)

Description	Suffix
Lamp	
Coated Lamp† (Recommended for MH)	**- CL**
Clear Lamp†	**- L**
Potted Ballasts	
For low noise requirements	**- POT**
Quartz Auxiliary	
Double contact bayonet base Quartz lamp not included	**- Q**
Fuse Holder	
Supplied with fuse Replace "-QT" & "-TT" with line voltage	
Single pole - Line to neutral	**- F1**
Two pole - Line to line	**- F2**
Lamp Socket Protector	
Use on line to line circuits when required by local certifying bodies	**- LSP**

Description

The Paralume™ luminaire is an enclosed luminaire with louver and clear glass lens. For commercial and retail applications where metal halide lamps are desirable, The Paralume™ luminaire is an attractive low brightness lighting solution.

Optics 9 cell, 3 inch deep, semi-specular aluminum parabolic louver • Tempered glass lens • High reflectance white reflector

Listing UL 1598/CSA C22.2 250

Features

Vertical Lamp Vertical lamp orientation ensures maximum light output, minimum lamp depreciation and longest life in metal halide lamps

Easy Installation Mount in open plenum non-insulated inverted T-bar ceiling

Construction Heavy duty extruded aluminum frame • Side mounted ballast housing is heavy duty sheet steel • Flexible conduit protects wiring from ballast to the lamp socket • Louver - 9 cell • Lens - tempered clear glass

Easy Relamping Tool free access • Easy access swing down door

Finish White polyester powder coat reflector and housing • Heat dissipating black ballast housing

Mounting Mount in 2' X 2' T-bar ceiling

Pulse Start Metal Halide Pulse Start provides longer lamp life, more lumens per watt, better lumen maintenance, superior color rendering, faster lamp warm up and faster hot restrike

Lampholder Specification grade porcelain, mogul base

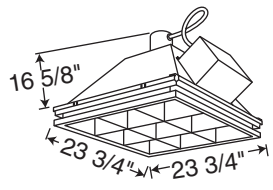
Ballasts Ballasts feature a thermal cut-out • HPF ballasts are suitable for low temperature starting • MH -30°C, Pulse Start MH -40°C, HPS -40°C

Ordering Information Example: **RL320PS-277-9C3-L**

Series	Lamp (Watts/Type)	Volts	Lens	Options
RL	**320PS**	**-277**	**-9C3**	**L**
RL	● **Pulse Start Metal Halide**† § **150PS** ED28 Ⓔ **175PS, 200PS, 250PS** ED28 Ⓔ **320PS, 350PS, 400PS, 450PS** ED37 **Probe Start Metal Halide**† § **250MH** ED23.5 § **400MH** ED37 ● **High Pressure Sodium** **150HP** ED28 **250HP, 400HP** ED18	**Magnetic** ‡ **- 120** 120V **- 208** ‡ 208V **- 240** ‡ 240V **- 277** 77V **- 347** 347V **- 480** ‡ 480V	**-9C3** 9 cell louver 3" deep	See below

Dimensions

Louver

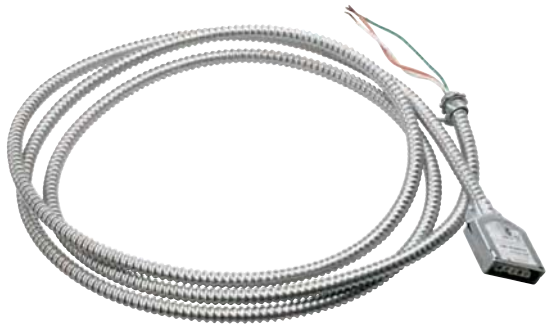


Options (Options are factory installed)

Description	Suffix
Lamp	
Coated Lamp† (Recommended for MH & PS)	**- CL**
Clear Lamp†	**- L**
Potted Ballasts	
For low noise requirements	**- POT**
Quartz Auxiliary	
Double contact bayonet base Quartz lamp not included	**- Q**
Fuse Holder	
Supplied with fuse Specify line voltage	
Single pole - Line to neutral	**- F1**
Two pole - Line to line	**- F2**
Lamp Socket Protector	
Use on line to line circuits when required by local certifying bodies	**- LSP**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: Pulse Start MH 175W - 450W lamps meet Energy Independence & Security Act (EISA) requirements.
‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."
§ **Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.



Features
• Metal encased • 5 wire capability for three circuits plus ground • Fully grounded • Voltage specific pin and socket contacts

Benefits
• Reduces installed cost • Fixtures are portable • Potential tax benefits • UL certified for make and break under load • Meets NEC article 604 • Meets or exceeds UL standard for safety #183

Component Information
Distribution Cable
• Starting point of the modular wiring system • Mounts through 1/2" knockout to junction box • Prewired female connector – maximum 20 amps per circuit • Wiring – two, three or four #12 AWG THHN stranded copper, 600V plus one bare #12 AWG solid copper ground wire, pre-wired for the distribution of one, two or three circuits • Color coded

Extension Cable
• Provides feed through power-in/power-out connection for the continuation of three circuit power • Male power-in head and female power-out head • Maximum 20 amps per circuit • Attach in tandem when longer lengths are required • Wiring – two, three or four #12 AWG THHN stranded copper, 600V plus one bare #12 AWG solid copper ground wire • Head is 18 gauge steel, zinc plated • Die cast housing with zinc plated steel cover plate • Positive acting steel spring latches which provide grounding of non-current carrying metal equipment

Fixture Cable
• Provides feed through power-in/power out connection in "A", "B" or "C" phase circuit to the fixture • Can be factory pre-wired or field installed • Male power-in head uses type MC cable • 6" leads • Head is 18 gauge steel, zinc plated • Die cast housing with zinc plated steel cover plate • Positive acting steel spring latches which provide grounding of non-current carrying metal equipment

Phase Splitter
• Phase splitters have power-in/power-out connectors for the continuation of three circuit power to the next fixture and a power out connector for supplying an "A", "B" or "C" phase circuit to phase tap on HID luminaires • Fixture can be removed without interrupting the circuit to the other luminaires • Thru-wired for three circuits • Die cast housing with zinc plated steel cover plate • Internal Wires: #12 AWG THHN stranded copper, 600V plus one bare #12 AWG solid tinned copper ground conductor

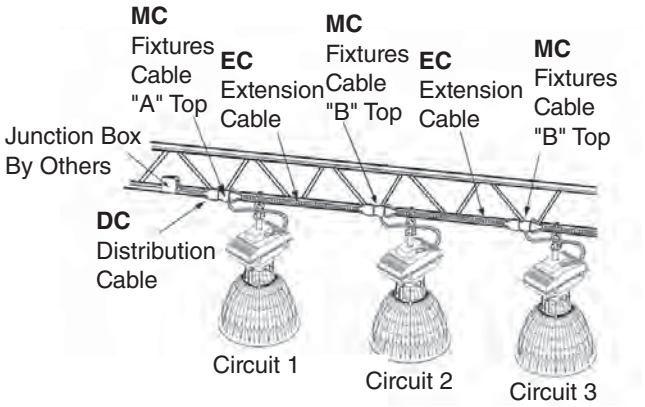
Full Design Assistance
• Contact Juno Lighting Group Quotes Deptartment for full system design assitance

Ordering Information Example: **AF-27-DC-A-10**

Series	Volts	Cable Function	Circuit Type	Cable Length
AF	-27	-DC	-A	-10
AF	**- 12** 120V **- 20** 208V **- 24** 240V **- 27** 277V **- 34** 347V **- 48** 480V	**- DC** Distribution Cable **- EC** Extension Cable **- MC** MC Fixture Cable Consult factory for cabtire or "SO" cord drops	Distribution & Extension Cable: **- A** Single Circuit Two wires plus ground **- B** Two Circuits Three wires plus ground **- C** Three Circuits Four wires plus ground MC Fixture Cable: **- A** Phase A, Two wires plus ground **- B** Phase B, Two wires plus ground **- C** Phase C, Two wires plus ground	**- XX** Indicates cable length (specify required length in feet)

Accessories

Catalog Number	Description
AF-BC	Blanking Cover Required to close any end cable with exposed pins



Cable Suspension Kit

For incandescent, HID and integral ballast CFL luminaires only • Not suitable for remote ballast CFL luminaires

Features

Mount 1/16" aircraft cable • Secured with an "Auto-Lock" cable grip

Cords Straight or coiled in black or white • Straight cords are also available in silver • Standard lengths are 18", 48" and 120"

Finish Canopy is powder coated steel, suspension hardware is nickel plated • Designer colors available

Ordering Information Example: **C-CSK-48-SS-JSR-2C-PW-60**

Luminaire Style	Series	Fixture Drop	Cord	Canopy	Number of Circuits	Options
C	**-CSK**	**-48**	**-SS**	**-JSR**	**2C**	**-PW-60**
For use with the following luminaires **S** Simcoe **C** Carleton **E** Exeter	**- CSK** Cable Suspension Kit	Consult lamp to ballast distance charts (see below) **Cable Length** (in inches) **- 18** 18" **- 48** 48" **- 120** 120"	300V Straight Cord **- SW** White **- SB** Black **- SS** Silver 300V Coiled Cord **- CW** White **- CB** Black Note: Silver is not available with coiled cord	**Kit Mounts Directly to a Remote Ballast (HID only)** **- R** Mounts to AccuLite RBR & RFB series remote ballasts (HID only) **Junction Box Canopy** Mount on 4" junction box **- JWH** White Finish **- JBL** Black Finish **- JSR** Silver Finish	Number of Circuits **No suffix** One circuit 2 wires + ground **- 2C** Two circuits 3 wires + ground	**- PW** Factory Pre-Wired (Wired to the luminaire at the factory **- 60** 600V Cord Available with silver cord Consult factory for other colors

Maximum Distance: Lamp - Ballast

When distance from lamp to ballast exceeds these values, specify a long range starter. Probe Start metal halide is dependent on wire size only.

Pulse Start Metal Halide (Magnetic Ballast)					
50W	2'	175W	2'	350W	2'
70W	15'	200W	2'	400W	10'
100W	20'	250W	5'	450W	2'
150W	10'	320W	2'		

Hang Straight Kit

Remote hang straight kits for decorative luminaires

Features

Installation Mounts on 4" octagonal box • 3/8" stem is suitable for HID and incandescent and one or two lamp compact fluorescent lamps • Use 3/4" stem for 3 through 8 lamps • Suitable for any plumb hanging integral ballast luminaires

Cushion Hanger 3/4" hangers feature a spring loaded cushion hanger assembly

Ordering Information Example: **H38-36-WH**

Series	Stem Diameter	Stem Length	Color
H	**38**	**-36**	**-WH**
H	**38** 3/8"dia., 45° swivel **75** 3/4" dia., 15° swivel	Stem length (in inches) **- 12** 12" **- 18** 18" **- 24** 24" **- 36** 36" For custom length, consult factory	**- WH** White **- BL** Black **- SR** Silver

Illustrated with optional decorator blue finish

Description

The AccuLite collection of remote ballasts offers a variety of styles, allowing architects and interior designers to select the ballast which best fits the desired ambience.

The RFB1 model is one of four models to choose from, each with a unique appearance. Choose from standard white, black or silver finish or match the luminaire color. RFB1 compact fluorescent ballasts are available for use with one lamp.

Features

Rugged Construction Aluminum housing • Steel mounting plate

Ballast Mounting Mount on a standard 4" junction box

Fixture Suspension Fixtures are stem mounted through the ballast cover plate • The ballast is offered with a 3/8" hang straight stem in a choice of lengths • Standard stem lengths are 12", 18", 24"and 36" lengths

Finish Polyester powder coat finish • White, black or silver • Designer colors are available

Compact Fluorescent Electronic Ballasts Single lamp ballast for 26W, 32W or 42W lamps • Electronic ballasts for use with 4-pin compact fluorescent lamps • Single lamp ballast only • Minimum starting temperature -18°C

Listing UL1598/CSA C22.2 250

Ordering Information Example: **RFB1-142CF-UN-K-H3-12-SR**

Series	Lamp (Watts/Type)	Ballast	Ballast Mounting	Luminaire Mounting	Stem Length◆	Color
RFB1	**142CF**	**-UN**	**-K**	**-H3**	**12**	**-SR**
RFB1	Compact Fluorescent **One lamp ballast 126CF, 132CF, 142CF**	Electronic Max. lamp - ballast distance is 10 feet **- UN** - 120V - 277V **- E34** - 347V	Ceiling **-K** -Quick Install Mounts on 4" J-Box	Hang Straight Pendant Stem 10° Swivel **-H3** 3/8" dia. stem Provision for Cable Suspension Not available	**- 12** 12" **- 18** 18" **- 24** 24" **- 36** 36"	**- WH** White **- BL** Black **- SR** Silver

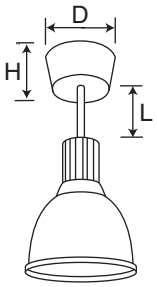
Dimensions

3/8" stem

D	H	Std. Stem L (min)	Length L(Max)
5 1/2"	2 3/4"	6"	36"

Stem

For longer lengths, consult factory.



Options

Description	Suffix
Designer Colors	Consult Factory

◆ **Stem Length** For other lengths, consult factory.

Illustrated with optional decorator burgundy finish

Description

The AccuLite collection of remote ballasts offers a variety of styles, allowing architects and interior designers to select the ballast which best fits the desired ambiance. Choose from standard white, black or silver finish or match the luminaire color. Electronic ballasts for single lamp Pulse Start metal halide or multiple compact fluorescent (one through eight lamps) allow multi-level switching.

Listing UL1598/CSA C22.2 250

Features

Compact Fluorescent Wiring Harness Easy, the wiring is bundled and labeled • Color coded, each bundle plugs into one ballast • Plug the harness into the luminaire • Standard on multiple lamp luminaires

Ballast Mounting Mounts on 4" junction box

Fixture Suspension Stem mounted to the ballast cover plate • One and two lamp ballasts with either a 3/8" hang straight or a 3/4" rigid stem • Three, four, six or eight lamp ballasts with a 3/4" rigid stem

Rugged Construction Aluminum housing • Steel mounting plate

Finish White polyester powder coat • Designer colors are available

Electronic Ballasts One through eight lamp compact fluorescent, • Minimum starting temperature -18°C • One Pulse Start MH -40°C

Ordering Information Example: **RFB2-270CF-UN-K-H3-36-SR**

Series	Lamp (Watts/Type)	Ballast	Ballast Mounting	Luminaire Mounting	Stem Length◆	Wiring Harness	Options
RFB2	**-270CF**	**UN**	**-K**	**-H3**	**36**	**-**	**-SR**
RFB2	**Pulse Start Metal Halide** **50PS, 70PS, 100PS** **Ⓔ 150PS** **Compact Fluorescent** Replace symbol (†) with the number of lamps 1, 2, 3, 4, 6, or 8 lamp **†26CF, †32CF, †42CF** 1, 2, 3 or 4 lamp **†57CF, †70CF**	Electronic Maximum lamp - ballast distance is 10 feet Pulse Start Metal Halide **- UN** 120V - 277V **- E34** 347V Compact Fluorescent **- UN** 120/277V **- E34** 347V	Ceiling **-K** Quick Install Mounts on 4" Junction Box	**Hang Straight Pendant Stem** **-H3** 3/8" dia., 30° Swivel Max. 2 lamp CFL **Rigid Pendant Stem** **-R7** 3/4" dia. **Provision for Cable Suspension** **-CS** Pulse Start MH only, not available with CFL Order Cable Suspension Kit Separately See Suspension Accessories section	**-12** 12" **-18** 18" **-24** 24" **-36** 36"	Plug and Play **No Suffix** Standard with multiple lamp CFL Attach the stem to the ballast, then plug-in the factory color coded wires into the ballast. The harness consists of wires bundled into sets (with one set per ballast) and a female connector. A factory wired male plug is supplied with multiple lamp Carleton and Exeter luminaires	**- WH** White **- BL** Black **- SR** Silver

Options

Description	Suffix
Designer Colors	Consult Factory

† **Metal Halide Lamps**:
Ⓔ EISA: Pulse Start MH: 150W Electronic meets Energy Independence Security Act (EISA) requirements.

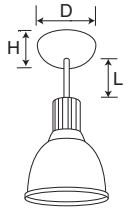
* See luminaire ordering page to determine the maximum number of lamps available
† Replace the symbol with the number of lamps required*

◆ **Stem Length** For other lengths, consult factory.

Dimensions

3/8" or 3/4" stem

D	H	Std. Stem Length L (min)	L (Max)
12"	3 1/32"	6"	36"



Stem

For longer lengths, consult factory.

Description

The AccuLite collection of remote ballasts offers a variety of styles, allowing architects and interior designers to select the ballast which best fits the desired ambiance. Choose from standard white, black or silver finish or match the luminaire color. Available with single lamp HID ballasts and compact fluorescent ballasts for one through eight lamps. Multiple lamp compact fluorescent allows multi-level switching.

Listing UL1598/CSA C22.2 250

Features

Compact Fluorescent Wiring Harness Easy to use, the wiring is bundled and labeled • Color coded, each bundle plugs into one ballast • Plug the harness into the luminaire • For multiple lamp luminaires

Ballast Mounting Ceiling,"Quick Install", mounts on a standard 4" junction box • Ceiling, Surface Mount, bolts directly to the ceiling over a recessed junction box • Pendant – Rigid mount

Fixture Suspension 3/8" hang straight stem, max. 2 lamps • 3/4" stem, max. 8 lamps • Stem Mount: hang straight or rigid stems mount directly to the cover plate • Provision for a cable suspension kit is available • Luminaires suspended independently of the ballast are wired through the side entries

Heavy Duty Construction Die cast aluminum housing • Heavy gauge cover plate

Finish Ballast and stems feature a white polyester powder coat • Painted stems match the ballast

Ballasts Minimum starting temperature CF: -18°C, PS: -40°C • One, two, three, four, six or eight CF lamps • Single lamp HID, -40°C

Ordering Information Example: **RBR-470CF-E12-K-H7-36-SR**

Series	Lamp (Watts/Type)	Ballast	Ballast Mounting	Luminaire Mounting	Stem Length◆	Wiring Harness	Color Options
RBR	470CF	-E12	-K	-H7	36	-	-SR

RBR

Pulse Start Metal Halide

50PS, 70PS, 100PS
Ⓔ 150PS

Compact Fluorescent

Replace symbol (†) with the number of lamps

1, 2, 3, 4, 6, or 8 lamp
†26CF, †32CF, †42CF

1, 2, 3 or 4 lamp
†57CF, †70CF

Electronic

Maximum lamp - ballast distance is 10 feet

Pulse Start Metal Halide

- UN 120V - 277V
- E34 347V

Compact Fluorescent

- UN 120/277V
- E34 347V

Electronic Dimming

Consult Factory

Ceiling Quick Install

-K Mounts on 3 1/2" or 4" J-Box Not for use on sloped ceiling

Ceiling Surface Mount

-C Surface Mount Drilled to bolt directly to the ceiling With two 1/2" side entries

Rigid Pendant

-P 3/4" top entry

Hang Straight Pendant Stem

-H3 3/8" dia. 30˚ Swivel Max. 2 lamp CFL

-H7 3/4" dia., 20˚ Swivel With vibration damper Max. 8 lamp CFL

Rigid Pendant Stem

-R7 3/4"

Provision for Cable Suspension

-CS Order Cable Suspension Kit Separately See Suspension Accessories section

Remote Fixture

-E Suspend & mount fixture independently from the ballast

-12 12"
-18 18"
-24 24"
-36 36"

Plug and Play

No Suffix Standard with multiple lamp CFL

Not required for HID

Attach the stem to the ballast, then plug-in the factory color coded wires into the ballast.

The harness consists of wires bundled into sets (with one set per ballast) and a female connector.

A factory wired male plug is supplied with multiple lamp Carleton and Exeter luminaires

COLOR

- WH White
- BL Black
- SR Silver

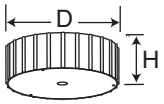
Designer Colors Consult Factory

OPTIONS

Fuse Holder Supplied with fuse Replace "-UN" with "-E12" (120V) or "E27" (277V)
- F1 Single pole Line to neutral

Dimensions

Housing	D	H	Std. Stem L (min)	Length L(Max)
RBR	12 1/2"	4 1/4'	6"	36"



† Replace the symbol with the number of lamps required.
See luminaire ordering page to determine the maximum number of lamps available

◆ **Stem Length** For other lengths, consult factory.

† **Metal Halide Lamps**:
Ⓔ EISA: Pulse Start MH: 150W Electronic meets Energy Independence Security Act (EISA) requirements.

Description

The AccuLite collection of remote ballasts offers a variety of styles, allowing architects and interior designers to select the ballast which best fits the desired ambiance. Choose from standard white, black or silver finish or match the luminaire color. Available with single lamp magnetic HID ballasts (Pulse Start and Probe Start metal halide).

Listing UL1598/CSA C22.2 250

Features

Single Ballasts Single lamp HID

Ballast Mounting Ceiling ,"Quick Install" • Mounts on a standard 4" junction box • Ceiling, Surface Mount, bolts directly to the ceiling over a recessed junction box • Pendant – Rigid mount

Fixture Suspension Stem Mount: stems mount directly to the cover plate • Provision for a cable suspension kit • Remote mounted luminaires are suspended independently of the ballast and wired through the side entries

Heavy Duty Construction Die cast aluminum housing • Heavy gauge cover plate

Finish Ballast and stems feature a polyester powder coat • Painted stems match the housing

Pulse Start Metal Halide Pulse Start provides longer lamp life, more lumens per watt, better lumen maintenance, superior color rendering, faster lamp warm up and faster hot restrike • Minimum starting temperature PS: -40°C, MH: -30°C

Ordering Information Example: **RBR-175PS-QT-K-H3-36-SR**

Series	Lamp (Watts/Type)	Ballast	Ballast Mounting	Luminaire Mounting	Stem Length◆	Color Options
RBR	175PS	-QT	-K	-H3	36	-SR

With Flat Cover

RBR ● **Pulse Start Metal Halide**†∂
- **50PS, 70PS, 100PS** §{**150PS**†,
- Ⓔ{**175PS, 200PS**
- **Probe Start Metal Halide**∂ §{**175MH, 250MH**

With Dome Cover

RBR2 ● **Pulse Start Metal Halide**∂
- Ⓔ{**250PS, 320PS, 350PS, 400PS, 450PS**
- **Probe Start Metal Halide**∂ §{**400MH**

Magnetic Ballast

Consult Maximum Distance chart ∂

Standard Starter ∂
- **-QT** ‡ Quad Tap 120V, 208V, 240V, 277V
- **-TT** Tri Tap 120V, 277V, 347V
- **-480** ‡ 480V

Long Range Starter ∂ (50' max. lamp - ballast)
- **-QT-LRS** ‡ Quad Tap 120V, 208V, 240V, 277V
- **-TT-LRS** Tri Tap 120V, 277V, 347V
- **-480-LRS** ‡ - 480V

Ceiling - Quick Install

-K Mounts on 3 1/2" or 4" J-Box Not for use on sloped ceiling

Ceiling - Surface Mount

-C Surface Mount Drilled to bolt directly to the ceiling With two 1/2" side entries

Rigid Pendant

-P 3/4" top entry

Hang Straight Pendant Stem
- **-H3** 3/8" dia. 30° Swivel
- **-H7** 3/4" dia., 20° Swivel With vibration damper

Rigid Pendant Stem
- **-R7** 3/4"

Provision for Cable Suspension
- **-CS** Order Cable Suspension Kit Separately See Suspension Accessories section

Remote Fixture
- **-E** Suspend & mount fixture independently from the ballast

- **-12** 12"
- **-18** 18"
- **-24** 24"
- **-36** 36"

COLOR
- **-WH** White
- **-BL** Black
- **-SR** Silver

Designer Colors Consult Factory

OPTIONS

Fuse Holder Supplied with fuse Replace "-QT" & "-TT" with line voltage
- **-F1** Single pole Line to neutral
- **-F2** Two pole Line to line

Maximum Distance: Lamp - Ballast

When distance from lamp to ballast exceeds these values, specify a long range starter. Probe Start metal halide is dependent on wire size only.

Pulse Start Metal Halide (Magnetic Ballast)					
50W	2'	175W	2'	350W	2'
70W	15'	200W	2'	400W	10'
100W	20'	250W	5'	450W	2'
150W	10'	320W	2'		

† **Metal Halide Lamps:**
Ⓔ EISA - Pulse Start MH: 175W thru 450W meet Energy Independence & Security Act (EISA) requirements.

∂ **"Maximum Distance - Lamp to Ballast"**
Consult the chart above to determine the maximum allowable lamp to ballast distance for pulse start metal halide lamps. If necessary, specify a long range starter.

◆ **Stem Length**
For other lengths, consult factory.

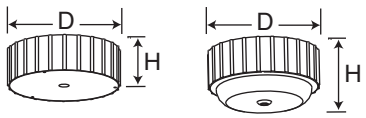
‡ **Caution**: 208V, 240V & 480V - when required by local code, luminaires must be furnished with a lamp socket protector

§ **Not for use in the United States when magnetic ballast is installed.**

●Fixtures are **ENERGY EFFICIENT**.

Dimensions

Housing	D	H	Std. Stem Length L (min)	L(Max)
RBR	12 1/2"	4 1/4'	6"	36"
RBR2	12 1/2"	6 1/4'	6"	36"



Description

SRB and DRB Series are one and two lamp parallel remote ballasts. These heavy duty industrial grade ballasts are designed for applications where appearance is not a factor.

Features

One or Two Lamp Two models • SRB Series - one lamp • DRB Series - two lamp parallel

Segregated Wiring Compartment For installer safety and wiring convenience

Heavy Duty Construction 18 gauge steel, gray finish, with mounting feet

Knockouts One 1/2" and one 1/2"–3/4" combination conduit knockout on each side of the ballast assembly adjacent to the wiring compartment

Group Mounted Ballasts Group mounted ballasts should be separated by a space barrier of 6" (minimum horizontal and vertical) to allow air flow for cooling

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250

Ordering Information Example: **DRB400PS-QT-LRS-POT**

Series	Lamp (Watts/Type)	Volts	Starter	Options
DRB	**400PS**	**-QT**	**-LRS**	**-POT**

Series

SRB
Single Lamp

DRB
Two Lamp
- wired for parallel lamp operation

Lamp (Watts/Type)

● **Pulse Start Metal Halide**

Ⓔ { **175PS, 200PS, 250PS, 320PS, 350PS, 400PS, 450PS, 1000PS**

Probe Start Metal Halide

§ { **175MH, 250MH, 400MH, 1000MH**Δ

● **High Pressure Sodium**

- Designed for mounting adjacent to the luminaire. To order, consult factory

Volts

- QT‡ Quad Tap
120V, 208V, 240V, 277V

- TT Tri Tap
120V, 277V, 347V

- 480‡ 480V

Starter

Probe Start Metal Halide
Long range starter is not required, lamp to ballast distance is dependent on wire size - Consult ballast manufacturer data

Pulse Start Metal Halide
- LRS Extended range starter
Maximum distance from starter to the lamp is 50 feet

Options

See below

Maximum Distance: Lamp - Ballast

When distance from lamp to ballast exceeds these values, specify a long range starter. Probe Start metal halide is dependent on wire size only.

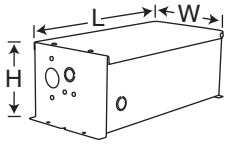
Pulse Start Metal Halide (Magnetic Ballast)					
50W	2′	175W	2′	350W	2′
70W	15′	200W	2′	400W	10′
100W	20′	250W	5′	450W	2′
150W	10′	320W	2′		

Options

Description	Suffix
Potted Ballasts For low noise requirements	**- POT**
Fuse Holder Supplied with fuse On multi-tap ballasts indicate line voltage	
Single pole - Line to neutral	**- F1**
Two pole - Line to line	**- F2**

Dimensions

Lamp	L	W	H
Single Lamp			
All wattages	17 1/2"	8"	6 7/16"
Two Lamp			
175W	17 1/2"	8"	6 7/16"
200W - 450W	22 1/2"	8"	6 7/16"
1000W	28 1/2"	8"	6 7/16"



Δ **1000W Metal Halide**: Two lamp 1000W MH is potted as standard
† **Metal Halide Lamps**:
Ⓔ EISA: Pulse Start MH 175W - 450W lamps meet Energy Independence & Security Act (EISA) requirements.
∂ **"Maximum Distance - Lamp to Ballast"** Consult the chart above to determine the maximum allowable lamp to ballast distance for pulse start metal halide lamps. If necessary, specify a long range starter.
‡ **Caution**: 208V, 240V & 480V - when required by local code, luminaires must be furnished with a lamp socket protector

§Not for use in the United States.

●Fixtures are ENERGY EFFICIENT.

Description

The durable GL Series luminaire is ideal for applications where a well lit ceiling is desirable. The dual lens design features a top lens which provides approximately 4% uplight. GL Series meets and exceeds the strictest parking garage safety standards.

Egress Lighting Emergency battery pack for use with compact fluorescent lamps • 120V emergency circuit for use with 100W quartz lamp

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

Features

Optics Symmetric distribution • Top lens provides approximately 4% uplight • Acrylic lens

Mounting Quick-Install design, simply mount the adapter plate, hang and connect the wires. Vandal resistant, to close simply close and twist, the fixture snaps closed • Mount on 4" junction box

Construction Heavy wall die cast aluminum housing and lens ring • Vandal resistant - to close simply close and twist, the fixture snaps closed

Finish White polyester powder coat finish

Lampholder Porcelain, medium base

Lamps & Ballasts Maximum 4 x 42W CF lamps • Electronic CF Ballast • Vertical MH lamp • Electromagnetic HID ballast • Low temperature starting, HPS: -40°C, Pulse Start MH: - 40°C, Probe Start MH: -30°C, CFL: -18°C

Ordering Information Example: GL442CF-E12-5R-EMB-PLS

Series	Lamp (Watts/Type)	Ballast	Beam Spread	Mounting	Options Accessories	Socket
GL	442CF	-E12	-5R	-	-EMB	-PLS

GL

Lamp (Watts/Type)

- ● **Pulse Start Metal Halide** ED17 (Medium base) **50PS, 70PS, 100PS, 150PS** Ⓔ{**175PS**
- **Probe Start Metal Halide** ED17 (Medium base) § {**175MH**
- ● **High Pressure Sodium** B17 (Medium base) **35HP, 50HP, 70HP, 100HP, 150HP**
- ● **Compact Fluorescent** CFTR(watts)W/GX24Q

1 lamp **126CF, 132CF, 142CF**

2 lamps **226CF, 232CF, 242CF**

4 lamps **426CF, 432CF, 442CF**

Ballast

MAGNETIC 35W - 50W HPS
- **- 120** 120V
- **- 277** 277V
- **- 347** 347V

50W - 175W MH or PS
70W - 150W HPS
- **- 120** 120V
- **- 208** ‡ 208V
- **- 240** ‡ 240V
- **- 277** 277V
- **- 347** 347V
- **- QT** ‡ 120V, 208V, 240V, 277V
- **- TT** 120V, 277V, 347V

ELECTRONIC Compact Fluorescent
- **- UN** 120V thru 277V
- **- E12** 120V
- **- E27** 277V

Beam Spread

- 5R Symmetric, round

Mounting

Ceiling

No Suffix Mounts on 4" Junction Box

Options Accessories

Options See below

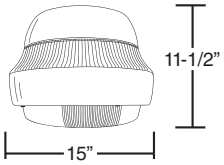
Socket

- PLS Socket for protected lamp (required for MH & PS)

Options (Options are factory installed)

Description		Suffix
Lamp Clear HID Lamp		**- L**
Coated HID Lamp		**- CL**
Compact Fluorescent		By Others
Egress Lighting - CFL Emergency Ballast Operates one compact fluorescent lamp Specify line voltage, 120V or 277V available		
Minimum 0°C (32°F)		**- EMB**
Minimum -18°C (0°F)		**- EMX**
Egress Lighting - 120V Emergency Circuit Socket only, for external 120V power supply Max. 100W double contact. bayonet base quartz lamp, Quartz lamp not included		**- ES**
Quartz Auxiliary Max. 100W d.c. bayonet base quartz lamp, Quartz lamp not included		**- Q**
Fuse Holder Supplied with fuse		
Single pole - Line to neutral		**- F1**
Two pole - Line to line		**- F2**
Tamper Resistant		**- TP**
Color White	Standard	No Suffix

Dimensions



† **Metal Halide:** EISA: Pulse Start MH: 175W meets Energy Independence Security Act (EISA) requirements.

‡ **Lamp Socket Protector:** Required in Canada when using 208V & 240V - add suffix "-LSP."

§ **Not for use in the United States when magnetic ballast is installed.**

●Fixtures are ENERGY EFFICIENT.

Illustrated with opaque white lens

Description

Designed for mounting above the drive lanes, creates a driver and pedestrian friendly atmosphere. With an excellent up light component, this high performance luminaire offers a bright and secure environment, one where patrons feel safe and comfortable. The Orion™ luminaire is an efficient performer which requires fewer luminaires per installation than ordinary parking garage luminaires. The attractive, yet rugged design offers durability and good looks in a compact, low profile luminaire.

Optics High Performance 12" acrylic reflector • Excellent vertical and horizontal illumination with comfortable ceiling illumination • Clear acrylic dome lens permanently attached to the reflector

Features

Fast and Easy Relamping Twist off lens assembly with keyhole slots • Secured by single set screw

Mounting "Quick Install," mounts on a 4" junction box • Surface mount, factory drilled, bolts directly to the ceiling over a recessed junction box • Pendant – Rigid mount

Construction Heavy wall die cast aluminum housing for quiet, cool operation • Concealed set screw secures optical assembly • Tamper proof option

Finish White polyester powder coat finish • Clear, translucent white or opaque white reflector

Vertical Metal Halide Lamp Base up metal halide lamps give 10% to 20% more light and lamp life is up to 33% longer than the same lamp mounted horizontally

Lampholder HID: Specification grade porcelain, medium base • Compact fluorescent: 4-pin electronic

HPF Ballasts Low temperature starting • Probe Start MH -30° C, Pulse Start MH -40° C, HPS -40° C, CF -18° C

Listing CUL1598/CSA C22.2 250 • Suitable for damp locations

Ordering Information Example: **OR100PS-120-CE-O12W-L-PLS**

Series	Lamp (Watts/Type)	Volts	Mounting	Optics	Options	Socket
OR	100PS	-120	-CE	-O12W	-L	-PLS

OR

- **Pulse Start Metal Halide†** ED17 - Medium base **50PS, 70PS, 100PS**
- § Ⓔ **150PS** ED17 - Medium base
- Ⓔ **175PS** ED28 - Mogul
- **Probe Start Metal Halide** BD17 - Medium base
- § **175MH**
- **High Pressure Sodium** B17 - Medium base **35HP, 50HP, 70HP, 100HP, 150HP**
- **Compact Fluorescent** CFTR(watts) W/GX24Q - Four Pin **26CF, 32CF, 42CF, 57CF, 70CF**

MAGNETIC 35W & 50W HPS
- **- 120** 120V
- **- 277** 277V
- **- 347** - 347V

50W - 175W MH
70W - 150W HPS
- **- 120** - 120V
- **- 208‡** - 208V
- **- 240‡** - 240V
- **- 277** - 277V
- **- 347** - 347V
- **- 480‡** - 480V

ELECTRONIC 50W thru 175W PS 26W thru 70W CF
- **- E12** 120V
- **- E27** 277V
- **- E34** 347V

Ceiling
No Suffix Quick Install Mounts on 3 1/2" or 4" Junction Box. Not for use on sloped ceiling

-CE Surface Mount Drilled to bolt directly to the ceiling - With two 1/2" side entries

Pendant
-PD Rigid mount 3/4" top entry

Clear Acrylic
- **- A12** 12"dia.

Translucent White Acrylic
- **- T12W** 12"dia.

Opaque White Acrylic
- **- O12W** 12"dia.

Polycarbonate
- **- P12** 12"dia.

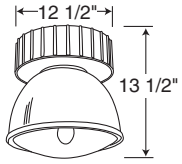
Options See below

- **- PLS** Socket for protected lamp (required for MH & PS)

Options (Options are factory installed)

Description		Suffix
Lamp Coated Lamp		**- CL**
Clear Lamp		**- L**
Compact Fluorescent Lamp		By others
Induction Lamp Consult Factory		
Quartz Auxiliary		
Double contact bayonet base		**- Q**
Quartz lamp not included		
Fuse Holder Supplied with fuse		
Single pole - Line to neutral		**- F1**
Two pole - Line to line		**- F2**
Tamper Resistant		**- TP**
Color	White	Standard
	Other Colors	Consult Factory

Dimensions



† **Metal Halide:**
EISA: Pulse Start MH - 150W electronic & all 175W meets Energy Independence Security Act (EISA) requirements.

‡ **Lamp Socket Protector:**
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States when magnetic ballast is installed.**

● Fixtures are ENERGY EFFICIENT.

Description

Designed for mounting between the parking spaces, the NiteLyte™ II luminaire creates a driver and pedestrian friendly atmosphere. With an excellent up light component, this high performance luminaire offers a bright and secure environment, where patrons feel safe and comfortable. The NiteLyte™ II luminaire is an efficient performer requiring fewer luminaires per installation than ordinary parking garage luminaires. The attractive yet rugged design offers durability and good looks in a compact, low profile luminaire.

Listing UL1598/CSA C22.2 250 • Suitable for damp locations

Features

Optics Excellent vertical and horizontal illumination with comfortable low level ceiling illumination • Eliminates hot spots under the fixture • Acrylic

Fast and Easy Relamping Twist off lens assembly with keyhole slots • Secured by single set screw

Vertical Metal Halide Lamp Base up metal halide lamps give 10% to 20% more light and lamp life is up to 33% longer than the same lamp mounted horizontally

Mounting "Quick Install," mounts on a 4" junction box • Surface mount, factory drilled, bolts directly to the ceiling over a recessed junction box • Pendant – Rigid mount

Construction Heavy wall die cast aluminum housing for quiet, cool operation • Concealed set screw secures optical assembly • Tamper proof option

Finish White polyester powder coat finish

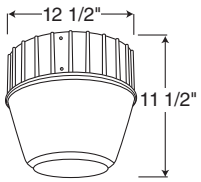
Lampholder Specification grade porcelain; 35-50W HP, 50-70W PS medium base, all others mogul base

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Ordering Information Example: **NL2-100PS-277-CE-L-PLS**

Series	Lamp (Watts/Type)	Ballast	Optics	Mounting	Options	Socket
NL2-	100PS	-277	-	-CE	-L	-PLS
NL2	● **Pulse Start Metal Halide** **50PS, 70PS,100PS** ED17 - Medium §{ **150PS** ED17 - Medium Ⓔ{ **175PS** ED23.5 - Mogul base **Probe Start Metal Halide** §{ **175MH** ED28 - Mogul base ● **High Pressure Sodium** **35HP** B17 - Medium **50HP, 70HP, 100HP, 150HP** ED23.5 - Mogul	**MAGNETIC** W & 50W HPS **- 120** 120V **- 277** 277V **- 347** - 347V 50W - 175W MH 70W - 150W HPS **- 120** - 120V **- 208‡** - 208V **- 240‡** - 240V **- 277** - 277V **- 347** - 347V **- 480‡** - 480V	**IES Type V** No suffix **IES Type II** Consult Factory	**Ceiling** **No Suffix** - Quick Install Mounts on 3 1/2" or 4" Junction Box Not for use on sloped ceiling **-CE** -Surface Mount Drilled to bolt directly to the ceiling - With two 1/2" side entries **Pendant** **-PD** - Rigid mount 3/4" top entry	See below	**- PLS** Socket for protected lamp (required for MH & PS)

Dimensions



Options (Options are factory installed)

Description		Suffix
Lamp Coated Lamp		**- CL**
Clear Lamp		**- L**
Compact Fluorescent Lamp Induction Lamp Consult Factory		By others
Quartz Auxiliary For magnetic ballast luminaires Not available with electronic ballast Double contact bayonet base Quartz lamp not included		**- Q**
Fuse Holder Supplied with fuse		
Single pole - Line to neutral		**- F1**
Two pole - Line to line		**- F2**
Tamper Resistant		**- TP**
Color	White Other Colors	Standard Consult Factory

† **Metal Halide:**
Ⓔ EISA: Pulse Start MH: 175W meets Energy Independence Security Act (EISA) requirements.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§**Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

Description

The durable Titan™ luminaire has a shallow profile for use in low mounting height situations with a high risk of vandalism. Ideal for parking garages with limited ceiling heights as well as installations including canopies, apartment complex stairwells and hallways, or in commercial and retail complexes such as hotels and shopping malls. Offering effective luminaire performance, an attractive appearance and vandal resistance, the Titan™ luminaire meets and exceeds the strictest parking garage safety standards.

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

Features

Optics Standard polycarbonate • Optional acrylic lens • Internal prisms stay cleaner for better maintained light levels

Vertical Metal Halide Lamp Base up metal halide lamps give 10% to 20% more light than fixtures with horizontal metal halide lamps • Base up metal halide lamp life is up to 33% longer than the same lamp mounted horizontally

Construction Heavy wall die cast aluminum housing

Mounting Wall, ceiling, pendant, outlet box and pole mounting • Four plugged 1/2" entries for feed-thru or "T" wiring • Provision for outlet box mounting

Finish Bronze polyester powder coat finish

Lampholder Specification grade porcelain, medium base

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Ordering Information Example: **CPL150PS-QT-L-PLS**

Series	Lamp (Watts/Type)	Volts	Mounting	Options Accessories	Socket
CPL	150PS	-QT	-	-L	-PLS
CPL	Medium base ● **Pulse Start Metal Halide** **50PS, 70PS, 100PS 150PS** ED17 § { **175PS** ED17 **Probe Start Metal Halide** § { **175MH** BD17 ● **High Pressure Sodium** B17 - Medium base **35HP, 50HP, 70HP, 100HP, 150HP** B17	**Magnetic** 35W & 50W HPS lamps **- 120** - 120V **- 277** - 227V **- 347** - 347V 50W - 175W MH 70W - 150W HPS **- QT** ‡ - Quad Tap, 120V, 208V, 240V, 277V **- TT** - Tri Tap, 120V, 277V, 347V **- 480** ‡ - 480V	Ceiling & Rigid Pendant **No Suffix** - Three 1/2" side entries with plugs, one 1/2" entry with plug in back or drill to mount on 4" Junction Box Pole Mount **-PM** - With pole mount arm	**Options** See below **Accessories** See below	**- PLS** Socket for protected lamp (required for MH & PS)

Accessories (Ordered and shipped separately)

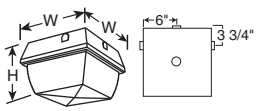
Description	Catalog #
Wall Mount Kit adapts ceiling fixture for wall mounting Includes internal reflector and bracket	**CPL-WM**

Options (Options are factory installed, add suffic to catalog number)

Description	Suffix
Lamp Clear Lamp	**- L**
Quartz Auxiliary Double contact bayonet base Quartz lamp not included	**- Q**
Fuse Holder Supplied with fuse Specify voltage Single pole - Line to neutral	**- F1**
Tamper Resistant	**- TP**
Acrylic Refractor	**- AC**
Color Bronze White Black	Standard **- WH** **- BL**

Dimensions

	W	H
Ceiling Mount	12 3/8"	8 5/8"
Weight	16 lb.	



‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

Description

The AccuSquare™ medium wattage canopy luminaire is designed for new and retrofit applications. Standard luminaires are available for field drilling allowing the contractor to match existing drilling patterns.

Features

Optics Injection molded acrylic lens • Tempered prismatic flat glass • Molded polycarbonate drop lens

Choice of Mounting No external holes for drilling on site • Predrilled for ceiling mount • Pole mount

Rugged Construction Steel housing • Bronze polyester powder coat finish • Fully gasketed

Ballasts Tray mounted • Standard HPF ballasts have a minimum starting temperature – HPS -40°C MH -30°C.

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

Ordering Information Example: **CL400PS-QT-L-PLS**

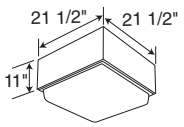
Series	Lamp (Watts/Type)	Ballast	Mounting	Lens	Options	Socket
CL	**400PS**	**QT**	**-**	**-**	**L**	**-PLS**
CL	● **Pulse Start Metal Halide**† Ⓔ { **250PS** ED28; **320PS, 350PS, 400PS** ED37 }	**Magnetic** **- QT**‡ Quad Tap 120V, 208V, 240V, 277V	**No Suffix** Drill in the field No external holes	**No Suffix** Acrylic drop lens	See below	**- PLS** Socket for protected lamp (required for MH & PS)
	Probe Start Metal Halide† § { **250MH** ED28; **400MH** ED37 }	**- TT** Tri Tap 120V, 277V, 347V	**- CE** - Drilled for ceiling mount	**- PDL** Polycarbonate drop lens		
	● **High Pressure Sodium** **250HP, 400HP** ED18	**- 480**‡ 480V	**- PM** - Drilled for pole mounting Order mounting arm separately - Cat # **CL-8AM-BZ**	**- TPG** Tempered prismatic glass - flat (required for MH & PS)		

Accessories (Ordered and shipped separately)

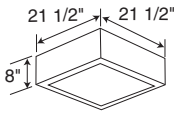
Description	Catalog #
Pole Mounting Bracket Bracket for pole mounting luminaire Fits 4", 5" & 6" square poles Bronze finish	**CL-8AM-BZ**

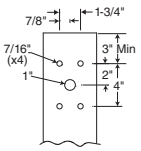
Dimensions

Drop Lens



Flat Prismatic Lens





Options

Description	Suffix
Lamp Clear Lamp	**- L**
Photocontrol Replace voltage suffix "-QT" and "-TT" with line voltage as suffix	**- PC**
Photocontrol Receptacle Photocontrol receptacle Specify voltage Photocontrol by others	**- PCR**
Fuse Holder Supplied with fuse On multi-tap ballasts indicate line voltage Single pole - Line to neutral Two pole - Line to line	 **- F1** **- F2**
Color Bronze - Standard White Black	No suffix **- WH** **- BL**

† **Metal Halide Lamps**:
Ⓔ EISA: Pulse Start MH 175W - 450W lamps meet Energy Independence & Security Act (EISA) requirements.
Open Luminaires: When required by local code, must use either a bottom closure with an ANSI Type 'E' or Type 'S' lamp or a lampholder (suffix -PLS) for an open rated (protected) lamp, ANSI Type 'O'.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§**Not for use in the United States.**

Description

Designed for installations where corrosion and moisture are present. AccuLite WP Series weather-proof fluorescent luminaires are installed indoors in industrial process areas, food processing plants, poultry farms, refrigeration units, car washes and underground parking areas.

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

Features

Non-Metallic Exterior components are non-metallic and chemical resistant

Moist and Corrosive Areas Designed for food processing plants, refrigeration units, industrial processing, car washes, etc.

Construction Polyester reinforced fiberglass housing and high impact DR (85-15) acrylic diffuser. Celcon snap action clips secure the lens • Ballast tray and reflector are combined as a one piece drop-in assembly

Dimensions

	Reference		A	B	C
4 ft. fixture	**3**	WP	7 5/8″	4 1/2″	52″
	5	WP	7 5/8″	5 5/8″	52″
8 ft. fixture	**7**	WP	7 5/8″	4 1/2″	102″
	9	WP	7 5/8″	5 5/8″	102″

Ordering Information Example: **WP248HO-120-ETB**

Series	Lamp (Number/Watts)	Volts	Magnetic (Min Starting Temperature)	Electronic (Min Starting Temperature)
WP	**248**	**HO-120-ETB**		
WP Drop-in one piece ballast tray and reflector	4 Foot Luminaire - 48″ Lamps - 32W - F32T8 - Rapid Start Ballast			
	- 232[2] Two lamps - 32W	120V		**RS-120-ETB** -18°C / 0°F*
		277V		**RS-277-ETB** -18°C / 0°F*
		347V		**RS-347-ETB** -18°C / 0°F*
	4 Foot Luminaire - 48″ Lamps - 32W - F32T8 - Instant Start Ballast			
				Electronic Two Lamp
	- 232[2] Two lamps - 32W	120V		**IS-120-ETB** -18°C / 0°F*
		277V		**IS-277-ETB** -18°C / 0°F*
		347V		**IS-347-ETB** -18°C / 0°F*
	4 Foot Luminaire - 48″ Lamps - 60W - F48T12/HO - High Output Rapid Start Ballast			
	- 248[6] Two lamps- 60W	120V	**HO-120** -29°C / -20°F*	**HO-120-ETB** -29°C / -20°F*
		277V	**HO-277** -29°C / -20°F*	**HO-277-ETB** -29°C / -20°F*
	8 Foot Luminaire - 48″ Lamps - 32W - F32T8 - Instant Start Ballast			
	- 432[6] Four lamps - 32W	120V		**IS-120-ETB** -18°C / 0°F*
		277V		**IS-277-ETB** -18°C / 0°F*
		347V		**IS-347-ETB** -18°C / 0°F*
	8 Foot Luminaire - 96″ Lamps - 110W - F96T12/HO - High Output Rapid Start Ballast			
	- 296[9] Two lamps - 110W	120V	**HO-120** -29°C / -20°F*	**HO-120-ETB** -29°C / -20°F*
		277V	**HO-277** -29°C / -20°F*	**HO-277-ETB** -29°C / -20°F*
		347V	**HO-347** -29°C / -20°F*	-
	8 Foot Luminaire - 96″ Lamps - 59W - F96T8 - Slimline - Instant Start Ballast			
	- 296[9] Two lamps - 59W	120V		**SL-120-ETB** -18°C / 0°F*
		277V		**SL-277-ETB** -18°C / 0°F*
		347V		**SL-347-ETB** -18°C / 0°F*

Options
TP
- TP Tamper Proof Hardware
- PC Polycarbonate Lens
- PD Pendant Mounting

ACCESSORIES (ORDER SPERATELY)

Acrylic Lens

P-AL4 4 Foot Lens
P-AL8 8 Foot Lens

Polycarbonate Lens

P-AL4-PC 4 Foot Lens
P-AL8-PC 8 Foot Lens

Latches

Suitable for all models
P-LC Standard Celcon
P-LC-PC Polycarbonate
P-LC-SS Stainless Steel

ARLINGTON
THEATERS

AccuLite™ Security Lighting | Finia™ Wall Mounted
LED Architectural Security Lighting LW1 & LW2 Series

Aimed Down

Aimed Up

Description
The LW series is an architectural wall mounted LED luminaire ideally suited for commercial applications where a low profile, high performance luminaire is needed. The design of this luminaire takes full advantage of the LED light source with exclusive features specifically designed to extract heat from the diodes, thus improving light source performance. An all LED emergency lighting option makes this fixture a great choice for security and emergency lighting applications. With an IP65 full fixture rating the LW series can be aimed up for decorative and façade lighting applications.

Features

Optics Custom designed, high performance molded TIR (Total Internal Refraction) optics shape the LED light with a wide throw or a forward throw distribution • A stainless steel polished-to-mirror finish reflector projects any stranded lumens out of the fixture, maximizing fixture performance.

Construction Heavy wall die cast aluminum body, back box, and frame deliver a sturdy, durable fixture • A tempered glass lens completely seals and protects the LED compartment • A powder coat finish with a thorough 6 stage application process seals the aluminum components from the environment.

Thermal Management LED boards are directly mounted against a polished surface for maximum contact between boards and heat sink • An exclusive air vent between the LED compartment and the electronic driver isolates and cools the two components.

Electrical The luminaire is equipped with two, three, or four LED modules depending on the light output/ wattage selection • All versions are equipped with universal voltage LED drivers 120-277VAC input or 347V • Drivers are IP66 rated and RoHS compliant • An independant surge supressor provides 10 kAmp of protection.

Mounting Direct mounting to wall with threaded and plugged back conduit entry • Dimpled location prepared for drilling a conduit entry from the sides (for surface conduit mounting) • Can be aimed down or up maintaining IP65 rating.

Finish Polyester powder coat finish with a six stage application process • Bronze, black, white or silver are standard

Emergency Lighting Option An optional integral battery pack can be provided for emergency lighting during a power outage • Choose between EM option (0˚ to 50˚C, 32˚ to 122˚F ambient) and EX option (-20˚ to 50˚C, -4˚ to 22˚F ambient.)

Motion Detection Option The sensor is configured to function either as an ON/OFF switch (MØ option) or to operate a High/Low dimming driver (M option) • In the High/Low configuation the user can field adjust the "Low" light setting with an internal potentiometer for continuous adjustment down to 15%

0-10V Dimming Option An optional 0-10V dimming driver (D option) is fully compatible with Schneider Electric C-Bus networks • In applications where additional 0-10V wiring presents a challenge, a programmable, automatic dimming unit (PD option) is available • The PD option eliminates the need for 0-10V wiring and automatically dims the fixture with a factory pre-programmed schedule.

Hazardous Locations When ordered with option "C1", Finia LED luminaires are approved for use in hazardous locations classified as Class 1, Div 2, Groups A, B, C and D • Temperature class T4 and ambient range of -20°C to 40°C (-4°F to 104°F) • These are areas where flammable gases or vapors may be present in the air during abnormal conditions.

Certification Fixture meets UL1598 and CSA C22.2-250 standards • Suitable for wet location applications • Full fixture IP65 rating • Compliant with Dark Skies ordinances when mounted aimed down • DesignLights™ Consortium (see product specification sheets for qualified models.)

AccuLite

Security Lighting | Finia™ Wall Mounted
LED Architectural Security Lighting LW1 & LW2 Series

Ordering Information Example: LW1-40L-5K-E2-WT-PC

Series	Lamp/Watts	CCT	Voltage	Distribution	Options
LW1	- 40L	- 5K	- E2	- WT	- PC

LW1
High Performance LED Wall Mounted

40L
40W LED Engine

50L
50W LED Engine

5K
5100K

4K
4100K

UN
Universal 120-277V

E1
120V

E2
277V

E3
347V

WT
Wide Throw

FT
Forward Throw

WW
Wall Wash

PC[1]
Button Style Photocontrol (must specify line voltage)

M[1]
Motion sensor hi/lo (Must specify line voltage) Available with 120V & 277

MØ[1]
Motion sensor on/off (Must specify voltage) Available with 120V or 277V

EM[1]
Integral emergency lighting (Must specify voltage) Available for 120V & 277V

EX[1]
Integral cold weather emergency lighting (must specify voltage) Available for 120V or 277V

HT
High transmission glass lens

PG
Prismatic glass lens (WT & FT optics only)

PL[2]
Polycarbonate Lens (WT & FT optics only)

F[1]
Fusing (Must specify voltage)

TP
Tamper resistant hardware

D
Dimming 0-10V

PD[1]
Pre-programmed Dimming

C1
Class 1, Division 2, Hazardous location Groups A,B,C,D

Finish
no suffix
Bronze finish

BL
Black finish

WH
White finish

SL
Silver finish

custom finish
Contact factory with RAL number

For DesignLights™ Consortium qualified fixtures, please refer to the product specification sheet at junolightinggroup.com

[1] Option not available in combination with "C1" option.

[2] Option not available for uplighting applications.

Series	Lamp/Watts	CCT	Voltage	Distribution	Options
LW2	- 40L	- 5K	- E2	- WT	- PC

LW2
LED Wall Mounted

40L
45W LED Engine

50L
55W LED Engine

80L
80W LED Engine

5K
5100K

4K
4100K

UN
Universal 120-277V

E1
120V

E2
277V

E3
347V

WT
Wide Throw

FT
Forward Throw

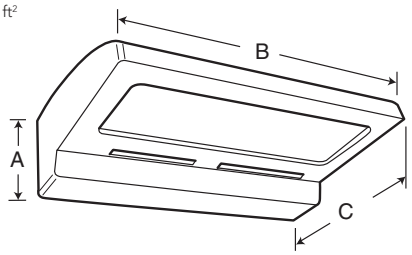
WW
Wall Wash

See above Options

For DesignLights™ Consortium qualified fixtures, please refer to the product specification sheet at junolightinggroup.com

Dimensions

	A	B	C
Standard Unit 17 lb EPA = 0.5 ft²	4 3/4"	15 1/2"	9 3/4"
Unit w/ Emergency Battery 25 lb EPA = 0.6 ft²	4 3/4"	15 1/2"	11 1/2"



Accessories (Ordered and shipped separately)

Description	Catalog #
USB PC Cable For field programming of "PD" option with a PC	**PDUSBPCCABLE**

AccuLite™ Security Lighting | Alari™ LED
Wall Sconce 50W or 77W LED

Description
The Alari LED Wall Sconce is a wall mounted performance luminaire that provides a graceful transition from the parking lot to the building. The sweeping curves and elegant lines create a daytime appeal not normally found in a luminaire of this type. The high performance optics complete the Alari package, providing even illumination and exceptional fixture spacing. The Alari LED Wall Sconce is available with a robust LED engine that delivers up to 5,000 lumens and it can be ordered with an optional integral emergency battery system.

Features
Optics Custom designed, high performance molded TIR (Total Internal Reflection) optics shape the LED light with a wide throw or a forward throw distribution • The wide and forward throw distributions are performance oriented to extract the maximum light out of the LEDs and deliver it exactly where needed

"Dark Sky" Friendly Meets Dark Sky ordinance requirements

Construction Die cast aluminum housing • Stainless steel external hardware • Tempered glass lens mechanically attached with lens clips to facilitate lens replacement • Silicone rubber gaskets completely seal the unit • Rubber grommet for wiring entry keeps insects and dust out of the fixture

Electrical The luminaire includes three or four LED modules depending on the light output/wattage selection • All versions are equipped with universal voltage LED drivers 120-277VAC input or 347V • Drivers are IP66 and RoHS compliant • And independent surge supressor provides 10 kAmp of protection.

"Easy-Install" Mounting Mounts to a standard 3 1/2" or 4" junction box • Using the built-in level, align the bracket and secure it • Hang the luminaire and secure with heavy duty set screws

Dimmimg An optional 0-10V dimming driver (D option) is available

Finish Polyester powder coat finish with a six stage application process • Designer finishes available upon request (provide RAL number).

Listing Fixture meets UL1598 and CSA C22.2-250 standards • Suitable for wet location applications • Full fixture IP65 rating • Compliant with Dark Sky ordinances.

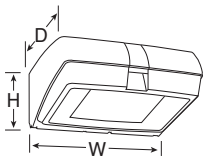
Ordering Information Example: **AW2-A033-5K-UN-WT**

Series	Lamp (Watts/Type @ 5100K)	Color Temperature	Volts	Distribution	Options
AW2	A033	-5K	-UN	-WT	
AW2	**- A033** LED, 3300 Lumens, 50 watts **- A050** LED, 5000 Lumens, 77 watts	**- 5K** 5100K **- 4K** 4100K	**- UN** 120-277V **- E12** 120V **- E20** 208V **- E24** 240V **- E27** 277V **- E34** 347V	**- WT** Wide Throw **- FT** Forward Throw	**- PC** Photo Control **- EM** Emergency Ballast **- EX** Emergency Ballast, Cold Temps **- F1** Fuse Single Pole Line to Neutral **- F2** Fuse for 208V, 240V **- D** 0-10V Dimming Driver **Color** **- no suffix** Bronze Finish **- BL** Black Finish **- SL** Silver Finish **- WH** White Finish *Specify Voltage

For DesignLights™ Consortium qualified fixtures, please refer to the product specification sheet at junolightinggroup.com

Dimensions

D	W	H
13 1/2"	15 1/2"	8"



Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Polycarbonate Guard	AW-PG
Wire Guard	AW-WG
Side Shield	AW-SS

AW: With two MR11 Emergency lamps

Description

Beauty & Style The ultimate in stylish lighting design, the Alari™ luminaire provides a graceful transition from ground to sky. The sweeping curves and elegant lines create a daytime appeal not normally found in a luminaire of this type

Performance Highly engineered optics ensure industry leading light levels with superior uniformity. The full compliment of beam spreads make the Alari™ luminaire the ideal choice for elegant high performance lighting

Features

Optics • Precision engineered multi-faceted reflectors ensure precise light control and superior uniformity • Heat resistant tempered glass lens

"Dark Sky" Friendly Full cut-off • Dark Sky compliant optics

Tool-Less Relamping Snap action door latch

Construction Die cast aluminum • Stainless steel external hardware • Hinged door • Ballast mounted directly to housing

"Easy-Install" Mounting Mounts to a standard 3 1/2" or 4" junction box • Using the built-in level, align the bracket and secure it • Hang the luminaire and secure with heavy duty set screws

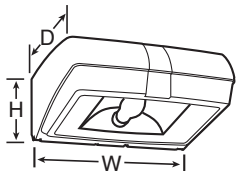
Lampholder HID - specification grade medium base porcelain • CFL - 4 pin GX24Q base

Ballasts Low starting temperature • HPF magnetic ballast - Probe start MH -30°C, Pulse Start MH -40°C, HPS -40°C • Electronic ballast - CFL -18°C

Listing UL1598/CSA C22.2 250 • Suitable for wet locations • IP65 full fixture rating

Dimensions

D	W	H
13 1/2"	15 1/2"	8"



Ordering Information Example: AW150PS-QT-WT-L

Series	Lamp (Watts/Type)	Ballast	Beam Spread	Options
AW	150PS	-QT	-WT	-L

AW
Alari®
Wall Sconce

Pulse Start Metal Halide†
Medium base
50PS, 70PS, 100PS, 150PS ED17

Probe Start Metal Halide† Medium base
§{**175MH** BD17

High Pressure Sodium
Medium base
35HP, 50HP, 70HP, 100HP, 150HP B17

Compact Fluorescent
GX24Q Base
126CF, 132CF, 142CF, One Lamp
226CF, 232CF, 242CF Two Lamps
(Two lamps only available with wide throw reflector)

MAGNETIC BALLAST
35W & 50W HPS lamps
- 120 120V, **- 277** 277V, **- 347** 347V
50W thru 150PS, 175W MH, 70W thru 150W HPS
- QT‡ - Quad Tap
120V, 208V, 240V, 277V
- TT - Tri Tap - 120V, 277V, 347V
100W thru 175W lamps
- 480‡ 480V

ELECTRONIC BALLAST
26W thru 42W CFL
- UN - 120V/277V,
- E12 120V, **- E27** 277V, **- E34** 347V

- WT
Wide Throw
- FT
Forward Throw
(Single lamp only)

See below

Options

Description	Suffix
Lamp	
Clear H.I.D.	**- L**
Coated H.I.D.	**- CL**
Compact Fluorescent	By others
Photocontrol	
Replace "-QT", "-TT" & "-UN" with the line voltage suffix (Max 347V)	**- PC**
Fuse	
Specify voltage	**- F**

Description	Suffix
Emergency Ballast, Dual Function Lamp	
Specify line voltage, Available 120V (-E12) or 277V (-E27)	
For use with one or two CF lamps.	
The CF lamp(s) operate off the CF ballast, the lamp selected for dual function also operates off the emergency ballast.	
Minimum 0°C (32°F)	**- EMB**
Minimum -18°C (0°F)	**- EMX**
Emergency Ballast, Dedicated Emergency Lamp	
Specify line voltage, 120V or 277V	
For use with two CF lamps	
One lamp operates off the CF ballast and is dedicated to general lighting, the second lamp is dedicated to emergency lighting and operates off the emergency ballast.	
Minimum 0°C (32°F)	**- EMBD**
Minimum -18°C (0°F)	**- EMXD**
Emergency Circuit, 120V Quartz Lamp	
For use with HID & CF luminaires	
Quartz lamp not included	
Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W - 100W use 100W quartz lamp.	
Socket only, for external 120V emergency power supply	**- ES**
Emergency Circuit, 12V MR11 Halogen Lamp	
For use with HID & CF luminaires	
MR11 lamp(s) included	
Field aimable 2 pin G4 base MR11 lamp 35W lamp(s) supplied, 12VDC	
With one MR11 lamp	**- DC12**
With two MR11 lamps	**- 2DC12**

Description	Suffix
Auxiliary Quartz Lighting	
Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W thru 100W use 100W quartz lamp.	
Quartz lamp not included.	
For use with HID luminaires	
Cold Start/Hot Restrike with delay	**- Q**
Hot Restrike only	**- HQ**
Color	
Bronze (Standard)	No suffix
Black	**-BL**
White	**-WH**

Accessories (Accessories are ordered and shipped separately)

Description	Catalog #
Polycarbonate Guard	**AW-PG**
Wire Guard	**AW-WG**
Side Shield	**AW-SS**

† **Metal Halide:**
EISA - Pulse Start MH: 150W wet location luminaires are Energy Independence & Security Act (EISA) exempt.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§**Not for use in the United States when magnetic ballast is installed.**

AccuLite

Security Lighting | Polaris™ LED

Full Cut-Off Lighting

Quarter Sphere
DS Series

Truncated Sphere
DZ Series

Half Round
DR Series

Trapezoid
DT Series

Description

The Polaris is a decorative, wall mounted luminaire for outdoor applications where quality of light and dark sky ordinances are of concern. The ultra bright LED arrays are aimed to optimize light distribution while providing even illumination on the wall and highlighting architectural features through wall grazing.

Features

Optics Full cut-off distribution achieved through a recessed, aimed LED array that reduces glare and eliminates light above the 90 degree plane • Ideal for security lighting and wall grazing applications

"Easy-Install" Mounting Mounts to a standard 3 1/2" or 4" junction box • Using the built-in level, align the bracket and secure it • Hang the luminaire and secure with heavy duty set screws

Construction Heavy duty die cast aluminum housing • Concealed cover screws secure the door assembly • Lens is secured mechanically and sealed with a silicone rubber gasket, no silicone sealants are used • Stainless steel external hardware • Tempered glass lens • Formed aluminum heat sink

LED Thermal Management Polaris luminaires are equipped with a formed aluminum heat sink that creates a strong bond between the LED arrays and the aluminum housing, thus utilizing the entire mass and surface area of the luminaire as a heat sink. This reduces LED operating temperature and increases LED life

Electrical The luminaire is equipped with one LED driver with universal 120-277VAC • Driver minimum operating temperature is -30˚C (-22˚F) • Total Harmonic Distortion (THD) 20% Max • Power factor > 92% at full load • An independant surge suppressor provides 10kAmp of protection

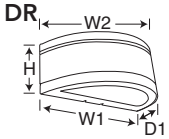
Finish Polyester powder coat finish • Bronze, black, white or silver

Listing Fixture meets UL1598 and CSA C22.2-250 standards • Suitable for wet location applications

Dimensions

	W1 Width @ Bottom	W2 Width @ Top	D1 Depth @ Bottom	D2 Depth @ Top	H Height
DR Series	18 1/8"	17 3/4"	9 1/4"	–	7 1/8"
DS Series	18 3/8"	–	9 1/4"	–	9 1/8"
DT Series	16 3/4"	14 3/4"	9 1/4"	5 1/2"	7 1/8"
DZ Series	18"	16 1/2"	9"	6 7/8"	9 1/8"

DR

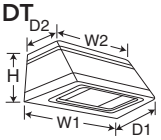


Weight
22 lb. (10 kg)

DS

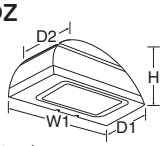
Weight
21 lb. (9.5 kg)

DT



Weight
21 lb. (9.5 kg)

DZ



Weight
21 lb. (9.5 kg)

AccuLite

Security Lighting | Polaris™ LED

Full Cut-Off Lighting

Ordering Information Example: DS-A026-4K-UN-FG

Series	Engine Code	CCT	Volts	Options
DS	-A026	-4K	-UN	-FG
DR Half Round	**-A017** 22W LED	**-4K** 4000K	**-UN** Universal 120-277VAC	**PC** Photocontrol (specify voltage)
DS Quarter Sphere	**-A026** 35W LED	**-35K** 3500K	**-E12** 120VAC	**F** Fuse (specify voltage)
DT Trapezoid	**-A032** 45W LED		**-E27** 277VAC	**FG** Frosted Glass
DZ Truncated Sphere			**-E34** 347VAC	**TP** Tamper Resistant Screws
				Finish no suffix Bronze finish
				BL Black finish
				WH White finish
				SL Silver finish

LED Data

Ordering Code	System Watts	CCT	CRI	Luminaire Initial Absolute Lumens
A017	22	4000K	80 Typical	1,710
A027	35	4000K	80 Typical	2,655
A032	45	4000K	80 Typical	3,238

LED Lumen Despreciation

Ambient Temperature (˚C)	L_{70} Hours*
25˚C	50,000

*L_{70} is the predicted time when LED performance depreciates to 70% of initial lumen output while operating at the stated ambient temperature.

Quarter Sphere
DS Series

Truncated Sphere
DZ Series

Half Round
DR Series

Trapezoid
DT Series

Description
Polaris™ decorative wall mounted security and accent luminaires feature four attractive geometric shapes

"Dark Sky" Compliant The full cut-off optics of Polaris™ downlighting luminaires comply with Dark Sky ordinances

Features

Optics IES Full cut-off downlighting • Wide throw • One and two lamp compact fluorescent, one lamp HID

"Easy-Install" Mounting Mounts to a standard 3 1/2" or 4" junction box • Using the built-in level, align the bracket and secure it • Hang the luminaire and secure with heavy duty set screws

Emergency Lighting Available for both HID and compact fluorescent luminaires • Emergency ballast for CF luminaires • 12V emergency circuit for one or two MR11 lamps for CF and HID luminaires • 120V emergency circuit for double contact bayonet base quartz lamps for CF and HID luminaires

Auxiliary Lighting Double contact bayonet base quartz lamp • Cold start/Hot restrike with delay or hot restrike only • Used in applications that do not require emergency lighting

Construction Heavy duty die cast aluminum housing • Concealed cover screws secure the door assembly • Lens is secured mechanically and sealed with a silicone rubber gasket, no silicone sealants are used • Stainless steel external hardware • Tempered glass lens

Lampholder HID: Specification grade porcelain, medium base • Compact Fluorescent: 4-pin GX24Q base

Finish Polyester powder coat finish

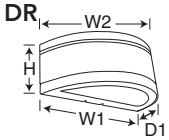
Ballasts Low starting temperature • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C , CF -18°C

Listing UL1598/CSA C22.2 250 • Full Cut-Off optics • Suitable for wet locations

Dimensions

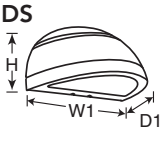
	W1 Width @ Bottom	W2 Width @ Top	D1 Depth @ Bottom	D2 Depth @ Top	H Height
DR Series	18 1/8"	17 3/4"	9 1/4"	–	7 1/8"
DS Series	18 3/8"	–	9 1/4"	–	9 1/8"
DT Series	16 3/4"	14 3/4"	9 1/4"	5 1/2"	7 1/8"
DZ Series	18"	16 1/2"	9"	6 7/8"	9 1/8"

DR



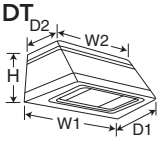
Weight
22 lb. (10 kg)

DS



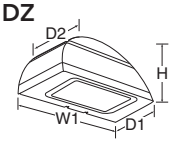
Weight
21 lb. (9.5 kg)

DT



Weight
21 lb. (9.5 kg)

DZ



Weight
21 lb. (9.5 kg)

Ordering Information Example: DS150PS-QT-L

Series	Lamp (Watts/Type)	Ballast	Beam Spread	Options
DS	150PS	-QT	-	-L

Series

DR Half Round
DS Quarter Sphere
DT Trapezoid
DZ Truncated Sphere

Lamp (Watts/Type)

● **Pulse Start Metal Halide†**
Medium base
50PS, 70PS, 100PS, 150PS ED17

Probe Start Metal Halide†
Medium base
§ { **175MH** BD17

● **High Pressure Sodium**
Medium base
35HP, 50HP, 70HP, 100HP, 150HP B17

● **Compact Fluorescent**
GX24Q Base
26CF, 32CF, 42CF One Lamp
226CF, 232CF, 242CF Two Lamps

Ballast

MAGNETIC BALLAST

35W & 50W HPS lamps
- 120 120V, **- 277** 277V, **- 347** 347V

50W thru 150PS, 175W MH,
70W thru 150W HPS
- QT‡ - Quad Tap
120V, 208V, 240V, 277V

- TT - Tri Tap - 120V, 277V, 347V

100W thru 175W lamps
- 480‡ 480V

ELECTRONIC BALLAST

26W thru 42W CFL
- UN - 120V/277V,
- E12 120V, **- E27** 277V, **- E34** 347V

Beam Spread

No suffix
Wide Throw

Options

See below

Options

Description	Suffix
Lamp	
Clear H.I.D.	**- L**
Coated H.I.D.	**- CL**
Compact Fluorescent	By others
Photocontrol	
Replace "-QT" & "-TT" with the line voltage suffix (Max 347V)	**- PC**
Fuse	
(specify voltage)	
Single Pole	**- F1**
Two Pole	**- F2**
Tamper Resistant Hardware	
Tamper resistant screws supplied	**- TP**

Description	Suffix
Emergency Ballast, Dual Function Lamp	
Specify line voltage, Available 120V (-E12) or 277V (-E27)	
For use with one or two CF lamps.	
The CF lamp(s) operate off the CF ballast, the lamp selected for dual function also operates off the emergency ballast.	
Minimum 0°C (32°F)	**- EMB**
Minimum -18°C (0°F)	**- EMX**
Emergency Ballast, Dedicated Emergency Lamp	
Specify line voltage, 120V or 277V	
For use with two CF lamps	
One lamp operates off the CF ballast and is dedicated to general lighting, the second lamp is dedicated to emergency lighting and operates off the emergency ballast.	
Minimum 0°C (32°F)	**- EMBD**
Minimum -18°C (0°F)	**- EMXD**
Emergency Circuit, 120V Quartz Lamp	
For use with HID & CF luminaires	
Quartz lamp not included	
Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W - 100W use 100W quartz lamp.	
Socket only, for external 120V emergency power supply	**- ES**
Emergency Circuit, 12V MR11 Halogen Lamp	
For use with HID & CF luminaires	
MR11 lamp(s) included	
Field aimable 2 pin G4 base MR11 lamp 35W lamp(s) supplied, 12VDC supply	
With one MR11 lamp	**- DC12**
With two MR11 lamps	**- 2DC12**
2DC12 option not available with two lamp fixtures	

Description	Suffix
Auxiliary Quartz Lighting	
Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W thru 100W use 100W quartz lamp.	
Quartz lamp not included.	
For use with HID luminaires	
Cold Start/Hot Restrike	**- Q**
Hot Restrike only	**- HQ**
Color	
Bronze (Standard)	No suffix
Black	**-BL**
White	**-WH**
Silver	**-SL**

† **Metal Halide:**
EISA - Pulse Start MH: 150W wet location luminaires are Energy Independence & Security Act (EISA) exempt.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§Not for use in the United States.

●Fixtures are **ENERGY EFFICIENT**.

Quarter Sphere
DS Series

Truncated Sphere
DZ Series

Half Round
DR Series

Trapezoid
DT Series

Description
Polaris™ decorative wall mounted security and accent luminaires feature four attractive geometric shapes

"Dark Sky" Compliant The full cut-off optics of Polaris™ downlighting luminaires comply with Dark Sky ordinances

Features

Optics IES Full cut-off downlighting • Forward throw • One lamp compact fluorescent or HID

"Easy-Install" Mounting Mounts to a standard 3 1/2" or 4" junction box • Using the built-in level, align the bracket and secure it • Hang the luminaire and secure with heavy duty set screws

Emergency Lighting Available for both HID and compact fluorescent luminaires • Emergency ballast for CF luminaires • 12V emergency circuit for one or two MR11 lamps for CF and HID luminaires • 120V emergency circuit for double contact bayonet base quartz lamps for CF and HID luminaires

Auxiliary Lighting Double contact bayonet base quartz lamp • Cold start/Hot restrike or hot restrike only • Used in applications that do not require emergency lighting

Construction Heavy duty die cast aluminum housing • Concealed cover screws secure the door assembly • Lens is secured mechanically and sealed with a silicone rubber gasket, no silicone sealants are used • Stainless steel external hardware • Tempered glass lens

Lampholder HID: Specification grade porcelain, medium base • Compact Fluorescent: 4-pin GX24Q base

Finish Polyester powder coat finish

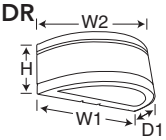
Ballasts Low starting temperature • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C , CF -18°C

Listing UL1598/CSA C22.2 250 • Full Cut-Off optics • Suitable for wet locations

Dimensions

	W1 Width @ Bottom	W2 Width @ Top	D1 Depth @ Bottom	D2 Depth @ Top	H Height
DR Series	18 1/8"	17 3/4"	9 1/4"	–	7 1/8"
DS Series	18 3/8"	–	9 1/4"	–	9 1/8"
DT Series	16 3/4"	14 3/4"	9 1/4"	5 1/2"	7 1/8"
DZ Series	18"	16 1/2"	9"	6 7/8"	9 1/8"

DR

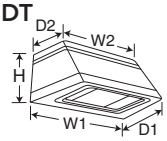


Weight
22 lb. (10 kg)

DS

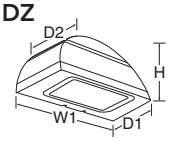
Weight
21 lb. (9.5 kg)

DT



Weight
21 lb. (9.5 kg)

DZ



Weight
21 lb. (9.5 kg)

Ordering Information Example: DS150PS-QT-FT-L

Series	Lamp (Watts/Type)	Ballast	Beam Spread	Options
DS	150PS	-QT	-FT	-L

Series

DR Half Round
DS Quarter Sphere
DT Trapezoid
DZ Truncated Sphere

Lamp (Watts/Type)

● **Pulse Start Metal Halide†**
Medium base
50PS, 70PS, 100PS ED17
Ⓔ{**150PS** ED17

Probe Start Metal Halide†
Medium base
§{**175MH** BD17

● **High Pressure Sodium**
Medium base
35HP, 50HP, 70HP, 100HP, 150HP B17

● **Compact Fluorescent**
GX24Q Base
26CF, 32CF, 42CF One Lamp

Ballast

MAGNETIC BALLAST
35W & 50W HPS lamps
- 120 120V, **- 277** 277V, **- 347** 347V
50W thru 150PS, 175W MH, 70W thru 150W HPS
- QT‡ - Quad Tap
120V, 208V, 240V, 277V
- TT - Tri Tap - 120V, 277V, 347V
100W thru 175W lamps
- 480‡ 480V

ELECTRONIC BALLAST
26W thru 42W CFL
- UN - 120V/277V,
- E12 120V, **- E27** 277V, **- E34** 347V

Beam Spread

- FT Forward Throw

Options

See below

Options

Description	Suffix
Lamp	
Clear H.I.D.	**- L**
Coated H.I.D.	**- CL**
Compact Fluorescent	By others
Photocontrol	
Replace "-QT" & "-TT" with the line voltage suffix (Max 347V)	**- PC**
Fuse	
(specify voltage)	
Single Pole	**- F1**
Two Pole	**- F2**
Tamper Resistant Hardware	
Tamper resistant screws supplied	**- TP**

Description	Suffix
Emergency Ballast, Dual Function Lamp	
Specify line voltage, Available 120V (-E12) or 277V (-E27)	
The CF lamp(s) operate off the CF ballast and also operates off the emergency ballast.	
Minimum 0°C (32°F)	**- EMB**
Minimum -18°C (0°F)	**- EMX**
Emergency Circuit, 120V Quartz Lamp	
For use with HID & CF luminaires	
Quartz lamp not included	
Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W - 100W use 100W quartz lamp.	
Socket only, for external 120V emergency power supply	**- ES**
Emergency Circuit, 12V MR11 Halogen Lamp	
For use with HID & CF luminaires	
MR11 lamp(s) included	
Field aimable 2 pin G4 base MR11 lamp 35W lamp(s) supplied, 12VDC supply	
With one MR11 lamp	**- DC12**
With two MR11 lamps	**- 2DC12**
2DC12 option not available with two lamp fixtures	

Description	Suffix
Auxiliary Quartz Lighting	
Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W thru 100W use 100W quartz lamp.	
Quartz lamp not included.	
For use with HID luminaires	
Cold Start/Hot Restrike	**- Q**
Hot Restrike only	**- HQ**
Color	
Bronze (Standard)	No suffix
Black	**-BL**
White	**-WH**
Silver	**-SL**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 150W wet location luminaires are Energy Independence & Security Act (EISA) exempt.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§**Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

Truncated Sphere
DZ Series

Half Round
DR Series

Description

Polaris™ decorative wall mounted security and accent luminaires feature two attractive geometric shapes with up/down illumination

Features

Optics Up/Down • One and two lamp compact fluorescent, one lamp HID

"Easy-Install" Mounting Mounts to a standard 3 1/2" or 4" junction box • Using the built-in level, align the bracket and secure it • Hang the luminaire and secure with heavy duty set screws

Emergency Lighting Available for both HID and compact fluorescent luminaires • 12V emergency circuit for one or two MR11 lamps for CF and HID luminaires • 120V emergency circuit for double contact bayonet base quartz lamps for CF and HID luminaires

Auxiliary Lighting Double contact bayonet base quartz lamp • Cold start/Hot restrike or hot restrike only • Used in applications that do not require emergency lighting

Construction Heavy duty die cast aluminum housing • Concealed cover screws secure the door assembly • Lens is secured mechanically and sealed with a silicone rubber gasket, no silicone sealants are used • Stainless steel external hardware • Tempered glass lens

Lampholder HID: Specification grade porcelain, medium base • Compact Fluorescent: 4-pin GX24Q base

Finish Polyester powder coat finish, borosilicate glass lens

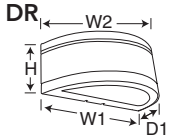
Ballasts Low starting temperature • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C , CF -18°C

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

Dimensions

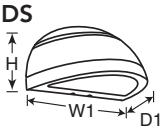
	W1 Width @ Bottom	W2 Width @ Top	D1 Depth @ Bottom	D2 Depth @ Top	H Height
DR Series	18 1/8"	17 3/4"	9 1/4"	–	7 1/8"
DZ Series	18"	16 1/2"	9"	6 7/8"	9 1/8"

DR



Weight
22 lb. (10 kg)

DS



Weight
21 lb. (9.5 kg)

Ordering Information Example: DR150PS-QT-UD-L

Series	Lamp (Watts/Type)	Ballast	Beam Spread	Options
DR	150PS	-QT	-UD	-L

DR Half Round
DZ Truncated Sphere

Pulse Start Metal Halide†
Medium base
50PS, 70PS, 100PS, 150PS ED17

Probe Start Metal Halide†
Medium base
§ {**175MH** BD17

High Pressure Sodium
Medium base
35HP, 50HP, 70HP, 100HP, 150HP B17

Compact Fluorescent
GX24Q Base
26CF, 32CF, 42CF One Lamp
226CF, 232CF, 242CF Two Lamps

MAGNETIC BALLAST

35W & 50W HPS lamps
- 120 120V, **- 277** 277V, **- 347** 347V

50W thru 150PS, 175W MH, 70W thru 150W HPS
- QT‡ - Quad Tap
120V, 208V, 240V, 277V

- TT - Tri Tap - 120V, 277V, 347V

100W thru 175W lamps
- 480‡ 480V

ELECTRONIC BALLAST

26W thru 42W CFL
- UN - 120V/277V,
- E12 120V, **- E27** 277V, **- E34** 347V

- UD Up/Down

See below

Options

Description	Suffix
Lamp	
Clear H.I.D.	**- L**
Coated H.I.D.	**- CL**
Compact Fluorescent	By others
Photocontrol	
Replace "-QT" & "-TT" with the line voltage suffix (Max 347V)	**- PC**
Fuse	
(specify voltage)	
Single Pole	**- F1**
Two Pole	**- F2**
Tamper Resistant Hardware	
Tamper resistant screws supplied	**- TP**

Description	Suffix
Emergency Circuit, 120V Quartz Lamp*	
For use with HID & CF luminaires	
Quartz lamp not included	
Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W - 100W use 100W quartz lamp.	
Socket only, for external 120V emergency power supply	**- ES**
Emergency Circuit, 12V MR11 Halogen Lamp*	
For use with HID & CF luminaires	
MR11 lamp(s) included	
Field aimable 2 pin G4 base MR11 lamp 35W lamp(s) supplied, 12VDC supply	
With one MR11 lamp	**- DC12**
With two MR11 lamps	**- 2DC12**
2DC12 option not available with two lamp fixtures	

Description	Suffix
Auxiliary Quartz Lighting*	
Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W thru 100W use 100W quartz lamp.	
Quartz lamp not included.	
For use with HID luminaires	
Cold Start/Hot Restrike	**- Q**
Hot Restrike only	**- HQ**
Color	
Bronze (Standard)	No suffix
Black	**-BL**
White	**-WH**
Silver	**-SL**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 150W wet location luminaires are Energy Independence & Security Act (EISA) exempt.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§**Not for use in the United States.**

●Fixtures are ENERGY EFFICIENT.

AccuLite™

Security Lighting | Oval Cylinders

LED Downlighting or Uplighting

COS Series - Downlighting

COU Series - Uplighting

Description

AccuLite COS and COU decorative cylinders are ideal for accent lighting on building façades or security lighting. They are Available in either down light (COS) or up light (COU) configurations. The LED light source delivers energy efficiency with minimal maintenance costs.

Listing Fixture meets UL1598 and CSA C22.2-250 standards • Suitable for wet location applications • Full cut-off • Union made • Driver meets UL879, UL1310 Class 2, cUL •

Features

Optics LED source with accent lighting distribution down (COS) or up (COU) • Spun aluminum reflector with specular finish coupled with a diffusing lens to reduce glare and smooth out the light on the wall.

Construction Heavy duty extruded aluminum barrel • Die cast aluminum cover, lens frame, driver housing and driver tray • Hinge down driver tray for easy installation • Borosilicate glass lens

LED Thermal Management COS and COU luminaires are equipped with a die cast aluminum heat sink that removes the heat from the critical LED components. This reduces LED operating temperature and increases LED life

Electrical The luminaire is equipped with one LED module • All versions are equipped with universal voltage LED drivers 120-277VAC input • An independent surge supressor provides 10 kAmp of protection

Finish Polyester powder coat finish • Bronze, black or white • Designer finishes available

Lumen Depreciation 50,000 hours L_{70} at 77°F (25°C) ambient

Ordering Information Example: **COSA0323KE12PC**

Series	Lamp (Watts/Type)	CCT	Volts	Options
COS	A032	3K	E12	PC

Series

COS Down Only Accent Lighting

COU Up Only Accent Lighting

Lamp (Watts/Type)

A017 22W LED

A026 35W LED

A032* 45W LED (COS only)

*Not available with COU models

CCT

4K 4100K

35K 3500K

Volts

UN Universal 120-277VAC

E12 120V

E20 208V

E24 240V

E27 277V

E34 347V

Options

F Fused (replace UN with line voltage suffix)

PC Button Style Photocontrol (replace UN with line voltage suffix)

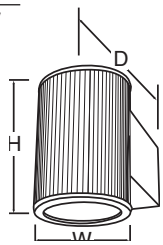
BL Black Finish

WH White Finish

No Suffix Bronze Finish (standard)

Dimensions

	Weight	W	H	D
Downlighting	18 lb.	9 1/4"	13 3/8"	15"



AccuLite™ Security Lighting | Oval Cylinders
LED Up/Downlighting

Description
AccuLite COD decorative cylinders are ideal for accent lighting on building façades. With Up/Down models AccuLite cylinders not only provide useful security downlighting, but also add uplight to highlight architectural features. The LED light source delivers energy efficiency with reduced maintenance costs.

Listing Fixture meets UL1598 and CSA C22.2-250 standards • Suitable for wet location applications

Features
Optics Two vertical LED sources with accent lighting distribution up and down • Spun aluminum reflector with specular finish coupled with a diffusing lens to reduce glare and smooth out the light on the wall.

Construction Heavy duty extruded aluminum barrel • Die cast aluminum cover, lens frame, driver housing and driver tray • Hinge down driver tray for easy installation • Borosilicate glass lens

LED Thermal Management COD luminaires are equipped with a die cast aluminum heat sink that removes the heat from the critical LED components. This reduces LED operating temperature and increases LED life.

Electrical The luminaire is equipped with two LED modules • All versions are equipped with universal voltage LED drivers 120V-277V • An independent surge supressor provides 10 kAmp of protection

Finish Polyester powder coat finish • Bronze, black or white • Designer finishes available

Lumen Depreciation 50,000 hours L_{70} at 77°F (25°C) ambient

Ordering Information Example: **CODA2174KE12PC**

Series	Lamp (Watts/Type)	CCT	Volts	Options
COD	A217	4K	E12	PC

COD
Two LED Lamps, Accent Lighting Up/Down

A217
22W up, 22W down LED

A226
35W up, 35W down LED

4K
4100K

35K
3500K

UN
Universal 120-277VAC

E12
120V

E20
208V

E24
240V

E27
277V

E34
347V

F
Fused (replace UN with line voltage suffix)

PC
Button Style Photocontrol (replace UN with line voltage suffix)

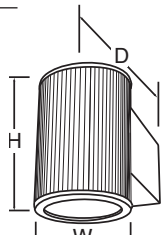
BL
Black Finish

WH
White Finish

No Suffix
Bronze Finish (standard)

Dimensions

	Weight	W	H	D
Up/Down	21 lb.	9 1/4"	15"	15"



COS: With Accent lighting optics

Wiring is easy:
Ballast mounts on the swing down door for fast installation.

Oval Cylinder Mounting:
Align the bracket using the built-in spirit level then hang the luminaire on the bracket and secure

Description

Accent lighting, security lighting, and emergency lighting, all in one package, AccuLite Oval Cylinders accommodate a breadth of outdoor lighting applications with a vast set of features and options. Decorative cylinders are ideal for accent lighting on building facades.

Features

Optics Downlighting • Accent throw • Forward throw

Construction Heavy duty extruded aluminum housing • Die cast aluminum cover, lens frame, ballast housing and ballast tray • Hinge down ballast tray for easy installation • Tempered glass lens

Emergency Lighting CF lamps - Integral emergency ballast • 120V emergency circuit for double contact bayonet base quartz lamps

Auxiliary Lighting For HID applications that do not require emergency lighting • Double contact bayonet base quartz lamp • Two styles, cold start/hot restrike with delay and hot restrike only

Lampholder Medium base HID: Specification grade porcelain • G12 HID bi-pin ceramic • Compact Fluorescent: 4-pin GX24Q base

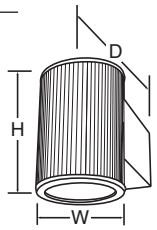
Finish Polyester powder coat finish • Bronze, black or white • Designer finishes available

Ballasts Low starting temperature • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250 • Full Cut-Off • Suitable for wet locations

Dimensions

	Weight	W	H	D
Downlighting	18 lb.	9 1/4"	13 3/8"	15"



Ordering Information Example: COS70PT-UN-FT-L

Series	Lamp (Watts/Type)	Volts	Optics	Options
COS	70PS	-UN	-FT	-L

Down Lighting
One lamp
COS

● **PULSE START METAL HALIDE**
Downlighting (suffix -DL)
ED17 medium base, vertical lamp
50PS , 70PS, 100PS, 150PS, Ⓔ{175PS

Forward Throw (suffix -FT)
T6 G12 Bi-Pin, horizontal lamp
70PT, 150PT

PROBE START METAL HALIDE
Downlighting (suffix -DL)
BD17 medium base, vertical lamp
§ {175MH

● **HIGH PRESSURE SODIUM**
Downlighting (suffix -DL)
B17 medium base, vertical lamp
35HP, 50HP, 70HP, 100HP, 150HP

● **COMPACT FLUORESCENT**
Auto Sensing Multi-Wattage
four pin electronic
Downlighting (suffix -DL)
W/GX24Q, vertical lamp
42CF 26/32/42W
Forward Throw (suffix -FT)
GX24Q, horizontal lamp
26CF 26W

ELECTRONIC BALLAST
Pulse Start Metal Halide
50W, 70W, 100W & 150W PS
-UN 120/277V
-E12 120V
-E27 277V
-E34 347V

Compact Fluorescent
-UN 120/277V
-E12 120V
-E27 277V
-E34 347V

MAGNETIC BALLAST
35W and 50 HPS
-120 120V
- 277 277V
- 347 347V

50W thru 175W PS
175W MH
70W thru 150W HPS
-QT‡ Quad-Tap,
120/208/240/277V

-TT Tri-Tap,
120/277/347V

100W, 150W &175W PS
100W & 150W &HPS
-480‡ 480V

Accent Lighting
- DL Downlight - Vertical Lamp
HID: Medium base
CFL: 26/32/42W

Forward Throw
- FT Downlight - Horizontal Lamp
HID: T6, G12 Bi-Pin
CFL: 26W only

See below

Options (Options are factory installed)

Description		Suffix
HID Lamp		
ED17/BD17/B17, Medium base T6, G12 Bi-Pin	Clear	**- L**
ED17/BD17/B17, Medium base	Coated	**- CL**
Compact Fluorescent Lamp		By others
Photocontrol Replace voltage suffix "-QT", "-TT" & "-UN" with the line voltage suffix (Max 347V)		**- PC**
Frosted bottom glass lens		**- FG**
Emergency Ballast, Dual Function Lamp Replace voltage suffix "-UN"with line voltage suffix 120V or 277V available, for compact fluorescent fixtures only		
	Minimum 0°C	**- EMB**
	Minimum -18°C	**- EMX**

Description		Suffix
Emergency Circuit, 120V Quartz Lamp For use with HID & CF luminaires with Accent Throw optics (Forward Throw is not available) Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W thru 100W use 100W quartz lamp. Quartz lamp not included		
Socket only, for external 120V emergency power supply		**- ES**
Auxiliary Lighting - Quartz Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W thru 100W use 100W quartz lamp Quartz lamp not included. For use with HID luminaires with Accent Throw optics (Forward Throw is not available)		
	Cold Start/Hot Restrike with delay	**- Q**
	Hot Restrike only	**- HQ**
Color	Bronze (Standard)	No suffix
	Black	**-BL**
	White	**-WH**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 175W meets Energy Independence Security Act (EISA) requirements. 150W wet location luminaires are EISA exempt.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States when magnetic ballast is installed.**

●Fixtures are **ENERGY EFFICIENT**.

COD: With Accent lighting optics

Wiring is easy:
Ballast mounts on the swing down door for fast installation.

Oval Cylinder Mounting:
Align the bracket using the built-in spirit level then hang the luminaire on the bracket and secure

Description

Accent lighting, security lighting, and emergency lighting, all in one package, AccuLite Oval Cylinders accommodate a breadth of outdoor lighting applications with a vast set of features and options. Decorative cylinders are ideal for accent lighting on building facades. With Up/Down models AccuLite cylinders not only provide useful security down lighting, but also add uplight to highlight architectural features.

Features

Optics One horizontal lamp, accent throw up and down • Two vertical lamps , accent throw up and down • Two lamps, forward throw (70 W or 150W horizontal lamp) downlight with accent throw (vertical lamp) uplight

Construction Heavy duty extruded aluminum barrel • Die cast aluminum cover, lens frame, ballast housing and ballast tray • Hinge down ballast tray for easy installation • Borosilicate glass lens

Emergency Lighting CF lamps - Integral emergency ballast • 120V emergency circuit for double contact bayonet base quartz lamps

Auxiliary Lighting For HID applications that do not require emergency lighting • Double contact bayonet base quartz lamp • Two styles, cold start/hot restrike and hot restrike only

Lampholder Medium base HID: Specification grade porcelain • G12 HID bi-pin ceramic • Compact Fluorescent: 4-pin GX24Q base

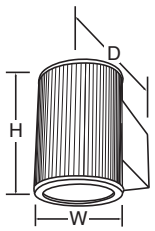
Finish Polyester powder coat finish • Bronze, black or white • Designer finishes available

Ballasts Low starting temperature • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C , CF -18°C

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

Dimensions

	Weight	W	H	D
Up/Down	19 lb.	9 1/4"	15"	15"



Ordering Information Example: COD57PT-UN-FT-L-ES

Series	Lamp (Watts/Type)	Volts	Optics	Options
COD	57PT	UN	FT	L-ES

Up/Down Lighting
COD
One or two lamps

● PULSE START METAL HALIDE†
Accent Throw (suffix -DL)
One horizontal lamp:
ED17 medium base
50PS, 70PS, 100PS, 150PS

Two ED17 medium base lamps:
Top lamp: vertical base down
Bottom lamp: vertical base up
(Available with electronic ballast only)

Suffix	Top	Bottom
55PS	50W	50W
57PS	50W	70W
51PS	50W	100W
77PS	70W	70W
71PS	70W	100W
11PS	100W	100W

Forward Throw (suffix -FT)
Two lamps:
Top lamp: ED17
(medium base - vertical base down)
Bottom lamp:T6
(G12 Bi-Pin - horizontal)
(Available with electronic ballast only)

Suffix	Top	Bottom
57PT	50W	70W
77PT	70W	70W
17PT	100W	70W

PROBE START METAL HALIDE†
Accent Throw (suffix -DL)
One horizontal lamp:
BD17 medium base
§ {**175MH**

● HIGH PRESSURE SODIUM
Accent Throw (suffix -DL)
One horizontal lamp:
B17 med. base
35HP, 50HP, 70HP, 100HP, 150HP

● COMPACT FLUORESCENT LAMPS
Auto Sensing Multi-Wattage
This luminaire may be installed with any combination of the listed lamp wattages

Two four pin electronic lamps: GX24Q

Accent Throw (suffix -DL)
Two lamps in any combination

Suffix	Top	Bottom
42CF	26/32/42W	26/32/42W

Forward Throw (suffix -FT)
Two lamps in any combination

Suffix	Top	Bottom
26CF	26/32/42W	26W only

ELECTRONIC BALLAST
Pulse Start Metal Halide
50W, 70W, 100W & 150W PS
-UN 120/277V
-E12 120V
-E27 277V
-E34 347V

Compact Fluorescent
-UN 120/277V
-E12 120V
-E27 277V
-E34 347V

MAGNETIC BALLAST
(Available with single lamp HID only)
35W and 50 HPS
-120 120V
- 277 277V
- 347 347V

50W thru 175W PS
175W MH
70W thru 150W HPS
-QT‡ Quad-Tap, 120/208/240/277V
-TT Tri-Tap, 120/277/347V

100W, 150W &175W PS
100W & 150W &HPS
-480‡ 480V

Up/Down Lighting
- DL One Lamp
Downlight - Accent Lighting
Uplight - Accent Lighting
Horizontal lamp

- DL Two Lamp
Downlight - Accent Lighting
Uplight - Accent Lighting
Vertical lamps

- FT Two Lamps
Downlight - Forward Throw
Horizontal Lamp

Uplight - Accent Lighting
Vertical Lamp

See below

Options (Options are factory installed)

Description		Suffix
HID Lamp ED17/BD17/B17, Medium base T6, G12 Bi-Pin	Clear	**- L**
ED17/BD17/B17, Medium base	Coated	**- CL**
Compact Fluorescent Lamp		By others
Photocontrol Replace voltage suffix "-QT", "-TT" & "-UN" with the line voltage suffix (Max 347V)		**- PC**
Frosted glass bottom lens		**- FG**
Emergency Circuit, 120V Quartz Lamp For use with HID & CF luminaires with Accent Throw optics (Forward Throw is not available) Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W thru 100W use 100W quartz lamp. Quartz lamp not included		
Socket only, for external 120V emergency power supply		**- ES**
Emergency Ballast, Dual Function Lamp Replace voltage suffix "-UN"with line voltage suffix 120V or 277V available, for compact fluorescent fixtures only		
	Minimum 0°C	**- EMB**
	Minimum -18°C	**- EMX**
Auxiliary Lighting - Quartz Double contact, bayonet base Quartz lamp should not exceed wattage of HID lamp. For 35W thru 100W use 100W quartz lamp Quartz lamp not included. For use with HID luminaires with Accent Throw optics (Forward Throw is not available)		
	Cold Start/Hot Restrike	**- Q**
	Hot Restrike only	**- HQ**
Color	Bronze (Standard)	No suffix
	Black	**-BL**
	White	**-WH**

† **Metal Halide:**
EISA - Pulse Start MH: 150W wet location luminaires are Energy Independence Security Act (EISA) exempt.

§Not for use in the United States when magnetic ballast is installed.

●Fixtures are **ENERGY EFFICIENT**.

AccuLite™

Security Lighting | Stonewall™

LED Vandal Resistant Wall or Ceiling Mounted Luminaire Round Housing

VR: Face Plate - Ring
Lens - Opal
Finish - Bronze

VR: Face Plate - Eyelid
Lens - Opal
Finish - Silver

VR: Face Plate - Cross
Lens - Opal
Finish - White

Description

The wall or ceiling mounted Stonewall architectural luminaires combine vandal resistant features with the energy efficiency and low maintenance cost of LED lighting.

Features

Optics Luminaires have white, clear or transluscent lenses • All lenses are UV stabilized molded polycarbonate with high impact resistance properties

Mounting Mounts flush to the wall or ceiling • Mounts on 3-1/2" or 4" junction boxes • Housings have four threaded and plugged 1/2" conduit entries

Construction Die cast, marine grade aluminum housing • Face plates are injection molded polycarbonate • Lenses and face plates are a minimum 1/8" thick for maximum resistance to vandalism • Drain channels are molded into the face plate keeping the luminaire clean • Torx™ T-15 pin-in-head tamperproof screws • Formed aluminum heat sink

LED Thermal Management Stonewall luminaires are equipped with a formed aluminum heat sink that creates a strong bond between the LED arrays and the aluminum housing, thus utilizing the entire mass and surface area of the luminaire as a heat sink. This reduces LED operating temperature and increases LED life

Lumen Depreciation 50,000 hours L_{70} at 77°F (25°C) ambient

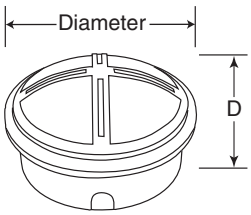
Electrical The luminaire is equipped with one LED driver with universal 120-277VAC 50/60Hz input • Driver minimum operating temperature is -30°C (-22°F) • Total Harmonic Distortion (THD) 20% Max • Power factor > 92% at full load • An independent surge suppressor provides 10kAmp protection

Finish Bronze, white, black or silver • Die cast parts are polyester powder coat • Polycarbonate parts have the color molded in

Listing UL1598 and CSA C22.2-250 • Suitable for wet locations

Dimensions

Housing	Face Plate	Diameter	D
Medium	With Ring only	13 3/16"	6"
Medium	With Face Plate	13 3/16"	6 7/16"



AccuLite™

Security Lighting | Stonewall™

LED Vandal Resistant Wall or Ceiling Mounted Luminaire Round Housing

Ordering Information Example: VRM-A017-35K-UN-W-X-WH-F

Series	Engine Code	CCT	Volts	Lens	Face Plate	Finish	Options
VRM	-A017	-35K	-UN	-W	-X	-WH	-F
VRM	**-A017** 22W LED **-A026** 35W LED	**-4K** 4000K **-35K** 3500K	**-UN** Universal 120 - 277VAC **-E12** 120VAC **-E27** 277VAC **-E34** 347VAC	**-W** White **-T** Translucent **-C** Clear	**-R** Outer Ring only **-X** Cross **-E** Eyelid	**-BZ** Bronze **-WH** White **-BL** Black **-SR** Silver	**-F** Fused (must specify voltage)

Electrical Data

Engine Code	A017	A026
Input Voltage	**120V**	**120V**
Input Power	22W	35W
Frequency	50/60Hz	60Hz
Minimum Starting Temperature	-30˚C (-22˚F)	-30˚C (-22˚F)

LED Lumen Despreciation

Ambient Temperature (˚C)	L_{70} Hours*
25˚C	50,000

*L_{70} is the predicted time when LED performance depreciates to 70% of initial lumen output while operating at the stated ambient temperature.

AccuLite™

Security Lighting | Stonewall™

LED Vandal Resistant Wall or Ceiling Mounted Luminaires Oval Housing

VO: Face Plate - Ring Mounted Vertically
Lens - Opal
Finish - Bronze

VO: Face Plate - Ring Mounted Horizontally
Lens - Opal
Finish - Bronze

VO: Face Plate - Vertical Eyelid
Lens - Clear
Finish - Bronze

VO: Face Plate - Horizontal Eyelid
Lens - Clear
Finish - White

VO: Face Plate - Cross Mounted Vertically
Lens - Opal
Finish - Bronze

VO: Face Plate - Cross Mounted Horizontally
Lens - Opal
Finish - Bronze

Description

The wall or ceiling mounted Stonewall architectural sconces combine vandal resistant features with the energy efficiency and low maintenance cost of LED lighting.

Features

Optics Luminaires have white, clear or transluscent lenses • All lenses are UV stabilized molded polycarbonate with high impact resistance properties

Mounting Mounts flush to the wall or ceiling • Mounts on 3-1/2" or 4" junction boxes • Housings have four threaded and plugged 1/2" conduit entries

Construction Die cast, marine grade aluminum housing • Face plates are injection molded polycarbonate • Lenses and face plates are a minimum 1/8" thick for maximum resistance to vandalism • Drain channels are molded into the face plate keeping the luminaire clean • Torx™ T-15 pin-in-head tamperproof screws • Formed aluminum heat sink

LED Thermal Management Stonewall luminaires are equipped with a formed aluminum heat sink that creates a strong bond between the LED arrays and the aluminum housing, thus utilizing the entire mass and surface area of the luminaire as a heat sink. This reduces LED operating temperature and increases LED life

Lumen Depreciation 50,000 hours L_{70} at 77°F (25°C) ambient

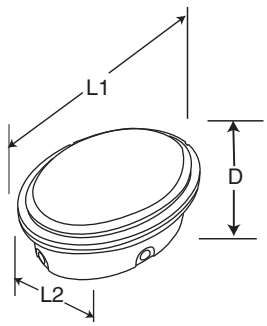
Electrical The luminaire is equipped with one LED driver with universal 120-277VAC 50/60Hz input • Driver minimum operating temperature is -30°C (-22°F) • Total Harmonic Distortion (THD) 20% Max • Power factor > 92% at full load • An independent surge suppressor provides 10kAmp protection

Finish Bronze, white, black or silver • Die cast parts are polyester powder coat • Polycarbonate parts have the color molded in

Listing UL1598 and CSA C22.2-250 • Suitable for wet locations

Dimensions

Housing / Face Plate		L1	L2	D
Medium	Base Model	13 1/16"	9 3/16"	6 1/4"
	With Face Plate	13 1/16"	9 3/16"	6 1/2"



AccuLite™

Security Lighting | Stonewall™

LED Vandal Resistant Wall or Ceiling Mounted Luminaires Oval Housing

Ordering Information Example: VOM-A017-35K-UN-W-X-WH-F

Series	Engine Code	CCT	Volts	Lens	Face Plate	Finish	Options
VOM	-A017	-35K	-UN	-W	-X	-WH	-F
VOM	**-A017** 22W LED **-A026** 35W LED	**-4K** 4000K **-35K** 3500K	**-UN** Universal 120 - 277VAC **-E12** 120VAC **-E27** 277VAC **-E34** 347VAC	**-W** White **-T** Translucent **-C** Clear	**-R** Outer Ring only **-X** Cross **-V** Vertical Eyelid **-H** Horizontal Eyelid	**-BZ** Bronze **-WH** White **-BL** Black **-SR** Silver	**-F** Fused (must specify voltage)

Electrical Data

Engine Code	A017	A026
Input Voltage	**120V**	**120V**
Input Power	22W	35W
Frequency	50/60Hz	60Hz
Minimum Starting Temperature	-30˚C (-22˚F)	-30˚C (-22˚F)

LED Lumen Despreciation

Ambient Temperature (˚C)	L_{70} Hours*
25˚C	50,000

*L_{70} is the predicted time when LED performance depreciates to 70% of initial lumen output while operating at the stated ambient temperature.

VR: Face Plate - Ring
Lens - Opal
Finish - Bronze

VR: Face Plate - Eyelid
Lens - Opal
Finish - Silver

VR: Face Plate - Cross
Lens - Opal
Finish - White

Description

Combining architectural styling with the functionality of vandal resistance Stonewall™ takes a beating yet looks good in the finest environments.

Features

Optics Molded UV Stabilized polycarbonate lens • Offered in clear, translucent or opal white

Mounting Mounts flush to the wall • Mounts on 3-1/2" or 4" junction boxes • Medium and deep housings have four threaded and plugged 1/2" conduit entries

Construction Die cast, marine grade aluminum housing • Face plates are injection molded polycarbonate • Lenses and face plates are a minimum 1/8" thick for maximum resistance to vandalism • Drain channels are molded into the face plate keeping the luminaire clean • CFL reflector plates are finished in a high reflectance white • HID reflector plates feature a hammertone finish • Torx™ T-15 pin-in-head tamperproof screws are standard

Emergency Ballasts Offered with minimum starting temperatures of 0°C and -18°C • Dual function lamps serve as lamps for both emergency and general illumination

Emergency Circuit Used when a 120V emergency power source is available • Requires double contact bayonet base quartz lamp

Finish Bronze, white, black or silver • Die cast parts are polyester powder coat • Polycarbonate parts have the color molded in

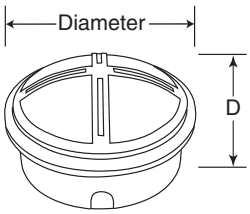
Lampholder HID - specification grade porcelain, medium base • CFL - 4 pin GX24Q base

Integral Ballast Compact fluorescent, electronic ballast • Pulse start metal halide, magnetic ballast • Low temperature starting • Pulse Start MH -40°C, HPS -40°C, CFL -18°C

Listing UL1598/CSA C22.2 No 250 • Suitable for wet locations • Shallow housing is ADA Compliant

Dimensions

Housing / Face Plate		Diameter	D
Shallow	With Ring	13 3/16"	3 5/8"
	With Face Plate	13 3/16"	4"
Medium	With Ring	13 3/16"	6"
	With Face Plate	13 3/16"	6 7/16"
Deep	With Ring	13 3/16"	7 1/2"
	With Face Plate	13 3/16"	7 7/8"



Ordering Information Example: VRD242CF-E1-W-X-SR-EMX

Series	Lamp (Watts/Type)	Ballast	Lens	Face Plate	Color	Options
VRD	242CF	-E1	-W	X	-SR	-EMX

Shallow Housing

VRS
ADA compliant

Compact Fluorescent	Electronic	Prismatic	Polycarbonate	Housing Color	See below
GX24Q base One lamp **126CF, 132CF, 142CF**	**- UN** 120V - 277V **- E3** 347V	**- W** Opal White	**-E** Eyelid	**- BZ** Bronze **- WH** White **- BL** Black **- SR** Silver	

Medium Housing

VRM

Compact Fluorescent	Electronic	Prismatic	Polycarbonate	Housing Color	See below
GX24Q base One lamp **126CF, 132CF, 142CF, 157CF** Two lamps **226CF, 232CF, 242CF** Three lamps **326CF**	**- UN** 120V - 277V **- E3** 347V	**- W** Opal White	**-R** Outer Ring only **-X** Cross **-E** Eyelid	**- BZ** Bronze **- WH** White **- BL** Black **- SR** Silver	

Deep Housing

VRD

Pulse Start Metal Halide	Magnetic	Prismatic	Polycarbonate	Housing Color	See below
Medium Base - ED17 **50PS, 70PS**	**- QT**‡ 120V, 208V, 240V, 277V **- TT** 120V, 277V, 347V	**- C** Clear **- T** Translucent **- W** Opal White	**-R** Outer Ring only **-X** Cross **-E** Eyelid	**- BZ** Bronze **- WH** White **- BL** Black **- SR** Silver	

High Pressure Sodium	Magnetic
Medium Base- B17 **35HP, 50HP**	**- 120** 120V **- 277** 277V **- 347** 347V
Medium Base- B17 **70HP**	**- QT**‡ 120V, 208V, 240V, 277V **- TT** 120V, 277V, 347V

Deep Housing

VRD

Compact Fluorescent	Electronic	Prismatic	Polycarbonate	Housing Color	See below
GX24Q base One lamp **126CF, 132CF, 142CF** Two lamps **226CF, 232CF, 242CF** Three lamps **326CF**	**- UN** 120V - 277V **- E1** 120V **- E2** 277V	**- W** Opal White	**-R** Outer Ring only **-X** Cross **-E** Eyelid	**- BZ** Bronze **- WH** White **- BL** Black **- SR** Silver	

Options (Options are factory installed)

Description		Suffix
Lamp	Clear HID lamp	**- L**
	Compact Fluorescent	By Others
Emergency CFL Ballast - Dual Function Lamp		
Available with "Deep Housing" only		
Replace voltage suffix "-UN" with the line voltage suffix, 120V or 277V available		
Minimum operating temperature 0°C		**-EMB**
Minimum operating temperature -20°C		**-EMX**
Emergency Circuit - Quartz Lamp		
Available with "Deep Housing" only		
Requires 120V emergency power source Double contact bayonet base quartz lamp by others		**-ES**

Description		Suffix
Quartz Auxiliary		
Available with "Deep Housing" only		
For use with HID luminaires Available with "Deep Housing" only		
Double contact bayonet base quartz lamp by others		
	Cold Start/Hot Restrike withe delay	**- Q**
	Hot Restrike	**- HQ**
Fuse Holder		
Available with "Deep Housing" only		
Supplied with fuse Replace "-UN", "-QT" and "-TT" with line voltage suffix		
	Single pole - Line to neutral	**- F**

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

VO: Face Plate - Ring Mounted Vertically
Lens - Opal
Finish - Bronze

VO: Face Plate - Ring Mounted Horizontally
Lens - Opal
Finish - Bronze

VO: Face Plate - Vertical Eyelid
Lens - Clear
Finish - Bronze

VO: Face Plate - Horizontal Eyelid
Lens - Clear
Finish - White

VO: Face Plate - Cross Mounted Vertically
Lens - Opal
Finish - Bronze

VO: Face Plate - Cross Mounted Horizontally
Lens - Opal
Finish - Bronze

Description
Combining architectural styling with the functionality of vandal resistance Stonewall™ takes a beating yet looks good in the finest environments.

Features

Optics Molded UV Stabilized polycarbonate lens • Offered in clear, translucent or opal white

Mouning Mounts flush to the wall • Mounts on 3-1/2" or 4" junction boxes • Medium and deep housings have four threaded and plugged 1/2" conduit entries

Construction Die cast, marine grade aluminum housing • Face plates are injection molded polycarbonate • Lenses and face plates are a minimum 1/8" thick for maximum resistance to vandalism • Drain channels are molded into the face plate keeping the luminaire clean • CFL reflector plates are finished in a high reflectance white • HID reflector plates feature a hammertone finish • Torx™ T-15 pin-in-head tamperproof screws are standard

Emergency Circuit Used when a 120V emergency power source is available • Requires double contact bayonet base quartz lamp

Finish Bronze, white, black or silver • Die cast parts are polyester powder coat • Polycarbonate parts have the color molded in

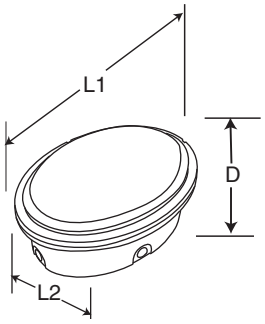
Lampholder HID - specification grade porcelain, medium base • CFL - 4 pin GX24Q base

Integral Ballast Compact fluorescent, electronic ballast • Pulse start metal halide, magnetic ballast • Low temperature starting • Pulse Start MH -40°C, HPS -40°C. CFL -18°C

Listing UL1598/CSA C22.2 No 250 • Suitable for wet locations • Shallow housing is ADA Compliant

Dimensions

Housing / Face Plate		L1	L2	D
Shallow	Base Model	13 1/16"	9 3/16"	3 3/4"
	With Face Plate	13 1/16"	9 3/16"	4"
Medium	Base Model	13 1/16"	9 3/16"	6 1/4"
	With Face Plate	13 1/16"	9 3/16"	6 1/2"
Deep	Base Model	13 1/16"	9 3/16"	7 9/16"
	With Face Plate	13 1/16"	9 3/16"	7 13/16"



Ordering Information Example: VOM142CF-UN-W-X-SR

Series	Lamp (Watts/Type)	Ballast	Lens	Face Plate	Color	Options
VOD	142CF	-E1	-W	X	-SR	-

Shallow Housing

VOS
ADA compliant

Compact Fluorescent
GX24Q base
One lamp
126CF, 132CF

Electronic
- **UN** 120V - 277V
- **E3** 347V

Prismatic
- **W** Opal White

Polycarbonate
- **-H** Horizontal Eyelid
- **-V** Vertical Eyelid

Housing Color
- **BZ** Bronze
- **WH** White
- **BL** Black
- **SR** Silver

See below

Medium Housing

VOM

Compact Fluorescent
GX24Q base
One lamp
126CF, 132CF, 142CF

Electronic
- **UN** 120V - 277V
- **E3** 347V

Prismatic
- **W** Opal White

Polycarbonate
- **-R** Outer Ring only
- **-X** Cross
- **-H** Horizontal Eyelid
- **-V** Vertical Eyelid

Housing Color
- **BZ** Bronze
- **WH** White
- **BL** Black
- **SR** Silver

See below

Deep Housing

VOD

Pulse Start Metal Halide
Medium Base
50PS ED17

Magnetic
- **QT** 120V, 208V, 240V, 277V
- **TT** 120V, 277V, 347V

High Pressure Sodium
Medium Base
35HP, 50HP B17

Magnetic
- **120** 120V
- **277** 277V
- **347** 347V

Prismatic
- **C** Clear
- **T** Translucent
- **W** Opal White

Polycarbonate
- **-R** Outer Ring only
- **-X** Cross
- **-H** Horizontal Eyelid
- **-V** Vertical Eyelid

Housing Color
- **BZ** Bronze
- **WH** White
- **BL** Black
- **SR** Silver

See below

Options (Options are factory installed)

Description		Suffix
Lamp	Clear HID lamp Compact Fluorescent By Others	**- L**
Quartz Auxiliary Available with "Deep Housing" only For use with HID luminaires Double contact bayonet base quartz lamp by others		
	Cold Start/Hot Restrike with delay	**- Q**
	Hot Restrike	**- HQ**
Fuse Holder Available with "Deep Housing" only Supplied with fuse Replace "-UN", "-QT" and "-TT" with line voltage suffix		
	Single pole - Line to neutral	**- F**

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

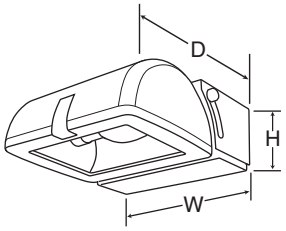
WAS: Aimed down

WAM: Aimed Down

WAM: Aimed out 30°

Dimensions

	H	D	W
Small Housing	5-1/2"	16-3/8"	12-7/8"
Medium Housing	7-1/2"	20"	16-7/8"



Description
Combining architectural styling with the functionality of adjustable aiming Eos™ offers superior performance compared to traditional wall mounted fixtures.

Features

Optics High performance optical systems • Cast-in scale on the outside of the housing makes aiming from 0° (nadir) thru 30° fast and easy • Full cut-off when optic is aimed down (0°) • Semi Cut-Off when aimed out 22 1/2° • Non Cut-Off when aimed out 30°
• Aiming is fast and easy, simply loosen the adjustment knob, aim, then tighten it back up

Tool Free Servicing Unique snap action door latch makes re-lamping a one hand operation

Mounting Flush to the wall • Mounts on 3-1/2" or 4" junction boxes

Construction Die cast, aluminum housing and optical unit • Specular and/or Hammer tone reflectors • Heat and impact resistant tempered glass lens

Emergency Circuit Used when a 120V emergency power source is available • Requires double contact bayonet base quartz lamp

Finish Bronze polyester powder coat

Lampholder HID - specification grade porcelain, medium or mogul base • CFL - 4 pin GX24Q base

Integral Ballast Compact fluorescent, electronic ballast • Pulse start metal halide and high pressure sodium, magnetic ballast

Listing UL1598/CSA C22.2 No 250 • Suitable for wet locations

Ordering Information Example: WAM400PS-QT-WT-L-BZ

Series	Lamp (Watts/Type)	Ballast	Beam Spread	Options	Color
WAM	400PS	-QT	-WT	-L	-BZ

WAS Small Housing

- ● **Pulse Start Metal Halide**†
  Medium Base
  50PS, 70PS, 100PS, 150PS ED17
- **Probe Start Metal Halide**†
  Medium Base
  §{ **175MH** BD17
- ● **High Pressure Sodium**
  Medium Base
  35HP, 50HP, 70HP, 100HP, 150HP E17

Magnetic Ballast
- **-QT**‡ Quad Tap 120V, 208V, 240V, 277V
- **-TT** Tri Tap 120V, 277V, 347V
- **-12** 120V
- **-20**‡ 208V
- **-24**‡ 240V
- **-27** 277V
- **-34** 347V
- **-48**‡ 480V

WAS Small Housing

- ● **Compact Fluorescent**
  GX24Q base
  26CF, 32CF, 42CF One lamp
  226CF, 232CF, 242CF Two lamps

Electronic Ballast
- **-UN** 120V - 277V
- **-E1** 120V
- **-E2** 277V
- **-E3** 347V

WAM Medium Housing

- ● **Pulse Start Metal Halide**†
  Mogul base
  Ⓔ{ **250PS** ED28
  Mogul base
  Ⓔ{ **320PS, 350PS, 400PS** ED37
- **Probe Start Metal Halide**†
  Mogul base
  §{ **250MH** ED28
  Mogul base
  §{ **400MH** ED37
- ● **High Pressure Sodium**
  Mogul Base
  250HP, 400HP ED18

Magnetic Ballast
- **-QT**‡ Quad Tap 120V, 208V, 240V, 277V
- **-TT** Tri Tap 120V, 277V, 347V
- **-12** 120V
- **-20**‡ 208V
- **-24**‡ 240V
- **-27** 277V
- **-34** 347V
- **-48**‡ 480V

WAM Medium Housing

- ● **Compact Fluorescent**
  GX24Q base
  57CF, 70CF One lamp

Electronic Ballast
- **-UN** 120V - 277V
- **-E1** 120V
- **-E2** 277V
- **-E3** 347V

Single Lamp
Series: WAS & WAM
Lamps: HID & CFL
- **-WT** Wide throw
- **-FT** Forward Throw

Two Lamp
Series: WAS
Lamps: CFL only
- **-WT** Wide throw

See below

Housing Color
- **-BZ** Bronze

Options (Options are factory installed)

Description		Suffix
Lamp		
HID Lamp	Clear	**-L**
	Coated	**-CL**
CF Lamp		By others
Photocontrol		
Replace "-QT", "-TT" & "-UN" with the line voltage suffix (Max 347V)		**-PC**
Emergency Circuit - Quartz Lamp		
Requires 120V emergency power source Double contact bayonet base quartz lamp by others		**-ES**

Description		Suffix
Quartz Auxiliary		
For use with HID luminaires Double contact bayonet base quartz lamp by others		
	Cold Start/Hot Restrike	**-Q**
	Hot Restrike	**-HQ**
Fuse		
Replace "-QT", "-TT" and "-UN" with line voltage suffix Supplied with fuse		**-F1**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 175W - 400W meets Energy Independence Security Act (EISA) requirements. 150W wet location luminaires are EISA exempt.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§Not for use in the United States.

●Fixtures are ENERGY EFFICIENT.

Description

The full cut-off optics of AccuLite's Dark Sky luminaires meet the requirements for compliance with Dark Skies ordinances. Designed for easy hands free installation, the side hinged door swings out of the way. For areas of high vandalism, Dark Sky luminaires feature a tempered glass lens which is gasketed and secured mechanically to eliminate silicone sealants, making replacement easy.

Optics Meets IES full cut-off requirements

Listing UL1598/CSA C22.2 250 • IDA Full Cut-Off • Suitable for wet locations

Features

"Dark Sky" Cut-Off For use where "Dark Sky" ordinances are in force

Sculptured Profile Sculptured housing features aesthetically pleasing molded highlights

Gasketed Glass Lens Ideal for areas of high vandalism • The tempered glass lens is gasketed and secured mechanically, eliminating silicone sealants

Side Hinged Door Side hinged to free up both hands during relamping, the door is keyed to prevent accidental removal

Construction Die cast aluminum • Bronze polyester powder coat finish • Silicone rubber gaskets • Stainless steel external hardware

Easy Installation Mounts to 3 1/2" or 4" outlet boxes or bolts directly to the wall • Three 1/2" conduit entries

Lampholder HID - specification grade porcelain • 35 -150W medium base • 175-400W mogul base • CFL - 4 pin GX24Q base

Ballasts Low temperature starting • Probe Start MH -30° C, Pulse Start MH -40° C, HPS -40° C • Electronic compact fluorescent

Ordering Information Example: **DWA400HP-277-L-PC**

Series	Lamp (Watts/Type)	Volts	Options
DWA	400HP	277	-L-PC

DWA

● Pulse Start Metal Halide
50PS, 70PS, 100PS, 150PS ED17 - Medium Base
Ⓔ { **250PS** ED28 - Mogul Base
320PS, 350PS, 400PS BT37 - Mogul Base

Probe Start Metal Halide
Mogul Base
§ { **175MH** ED23.5, **250MH** ED28, **400MH** BT37

● High Pressure Sodium
70HP, 100HP, 150HP B17 - Medium Base
250HP, 400HP ED18 - Mogul Base

● Compact Fluorescent
GX24Q Base
26CF, 32CF, 42CF One Lamp
226CF, 232CF, 242CF Two Lamp

Magnetic Ballast

Reactor Ballast: 70W - 150W HPS
- 120NP 120V, Normal Power Factor
- 120R 120V, High Power Factor

35W & 50W HPS lamps
- 120 120V, **- 277** 277V, **- 347** 347V

50W thru 400W PS
175W thru 400W MH,
70W thru 400W HPS
- QT‡ - Quad Tap
120V, 208V, 240V, 277V

- TT - Tri Tap - 120V, 277V, 347V

100W thru 175W lamps
- 480‡ 480V

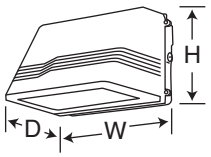
Electronic Compact Fluorescent

-UN 120/277V
-E12 120V, **-E27** 277V, **-E34** 347V

See below

Dimensions

Lamp	D	H	W
35W - 175W HID	11 1/2"	9 1/4"	14"
26W - 42W CFL	11 1/2"	9 1/4"	14"
250W -400W HID	17 1/4"	10"	18"



† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 175W - 400W meets Energy Independence Security Act (EISA) requirements. 150W wet location luminaires are EISA exempt.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§**Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

Options (Options are factory installed)

Description	Suffix
Lamp Clear Lamp	**- L**
Photocontrol Replace "-QT", "-TT" & "-UN" with the line voltage suffix (Max 347V)	**- PC**
Quartz Auxiliary For use with HID luminaires Double contact bayonet base quartz lamp by others	
Cold Start/Hot Restrike with delay	**- Q**
Hot Restrike	**- HQ**
Tamper Resistant Hardware	**- TP**
Color Bronze, standard	No Suffix
Designer Colors	Consult Factory

AccuLite™ Security Lighting | AccuPak™

LED Wall Mounted Lighting 1,100 through 3,800 Lumens

Description

The AccuPak WP series luminaire is an energy efficient LED security light ideal for entryways, tunnels, loading docks and other applications where a wide light distribution is desired. The LED light source delivers uniform light and extremely long life with a fraction of the energy used with conventional light sources.

Features

Optics The AccuPak WP comes standard with a prismatic glass lens that distributes the light evenly and reduces glare. The glass lens is gasketed and secured mechanically, eliminating the need for silicone sealants and simplifying maintenance.

Side Hinged Door Integral cast-in hinges allow installer full access to the wiring compartment • The door is keyed to prevent accidental removal

Construction Die cast aluminum, bronze polyester powder coat finish, glass lens • Silicone rubber gaskets • Stainless steel external hardware

Easy Installation Locators for 3 1/2" or 4" outlet boxes • 1/2" conduit entries

Electrical The luminaire is equipped with one LED driver with universal 120-277VAC 50/60Hz input • Driver minimum operating temperature is -30°C (-22°F) • Total Harmonic Distortion (THD) 20% Max • Power factor > 0.92 at full load • An independent surge suppressor provides 10kAmp protection

Lumen Depreciation 50,000 hours L_{70} at 77°F (25°C) ambient

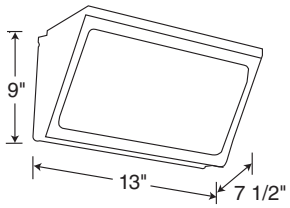
Finish Bronze polyester powder coat finish

Certification UL1598, CSA C22.2 250 • Suitable for wet locations

Ordering Information Example: **WP2-A013-5K-UN-PC**

Series	Lamp (Watts/Type)	CCT	Volts	Options
WP2	-A013	-5K	-UN	-PC
WP2	- **A013** 22W LED - **A026** 35W LED - **A032** 45W LED - **A050** 75W LED	- **5K** 5100K	- **UN** Universal 120-277VAC - **E34** 347VAC	- **PC** Photocontrol (specify voltage) - **TP** Tamper Resistant Screws

Dimensions



LED Data, 5100K CCT, 70 CRI

WP2 Series	Delivered Lumens	System Watts	PF	Efficacy
WP2-A013-5K-UN	1,175	21	0.97	56
WP2-A025-5K-UN	2,232	43	0.99	53
WP2-A032-5K-UN	2,883	49	0.99	59
WP2-A050-5K-UN	3,819	74	0.99	52

LED Lumen Depreciation

Ambient Temperature (°C)	L_{70} Hours
25°C	50,000

WP2 Series

WM2 Series

Description

AccuPak™ luminaires, with a low profile, compact designs are an excellent choice for security lighting. The AccuPak is ideal for many entryways, tunnels, loading docks and building facades. AccuPak luminaires feature a borosilicate glass lens which is gasketed and secured mechanically, eliminating silicone sealants.

"Dark Sky" Cut-Off Visor Optional visor meets IES full cut-off requirements

Features

Optics Borosilicate glass • The glass lens is gasketed and secured mechanically, eliminating silicone sealants • Lens replacement is easy, just remove two screws and insert a new lens

Hinged Door Integral cast-in hinges allow installer to use both hands during relamping, the door is keyed to prevent accidental removal

Construction Die cast aluminum • Bronze polyester powder coat finish • Borosilicate glass lens • Silicone rubber gaskets • Stainless steel external hardware

Easy Installation Locators for 3 1/2" or 4" outlet boxes • 1/2" conduit entries

Lampholder Specification grade porcelain

Finish Bronze polyester powder coat finish

Ballasts Available with reactor (NPF and HPF) and CWA ballasts • HPF ballasts are suitable for low temperature starting • Probe Start MH -30° C, Pulse Start MH -40° C, HPS -40° C

Listing UL1598/CSA C22.2 250 • IDA Full Cut-Off (with visor) • Suitable for wet locations

Ordering Information Example: WP2150PS-277-L-PC

Series	Lamp (Watts/Type)	Ballast	Options
WP2	150PS	-277	-L -PC

Small Housing

WP2

● **Pulse Start Metal Halide†**
50PS, 70PS ED17
100PS, 150PS ED17

Probe Start Metal Halide†
§ **175MH** ED28

High Pressure Sodium
70HP, 100HP, 150HP B17

70W thru 150W HPS
- 120NP 120V, Normal Power Factor Reactor
- 120R 120V, High Power Factor Reactor

50W HPS lamps
- 120 120V, **- 277** 277V, **- 347** 347V

50W thru 150W PS, 175W MH, 70W thru 150W HPS
- QT‡ Quad Tap - 120V, 208V, 240V, 277V
- TT Tri Tap - 120V, 277V, 347V

100W thru 175W lamps
- 480‡ 480V

Medium Housing

WM2

● **Pulse Start Metal Halide**
Ⓔ **175PS, 250PS** ED28
Probe Start Metal Halide
§ **250MH** ED28
High Pressure Sodium
250HP ED18

- QT‡ - Quad Tap
120V, 208V, 240V, 277V
- TT - Tri Tap - 120V, 277V, 347V
- 480‡ 480V

Large Housing

WL2

● **Pulse Start Metal Halide**
Ⓔ **320PS, 350PS, 400PS** ED37
Probe Start Metal Halide
§ **400MH** BT37
● **High Pressure Sodium**
400HP ED18

- QT‡ - Quad Tap
120V, 208V, 240V, 277V
- TT - Tri Tap - 120V, 277V, 347V
- 480‡ 480V

OPTIONS

- **L Lamp** With clear lamp
- PC Photocontrol
Replace "-QT" & "-TT" with the line voltage suffix (Max. 347V)
- **TP Tamper Resistant Hardware**
No Suffix **Color -** Bronze, standard

ACCESSORIES (ORDERED SEPARATELY)

Wire Guard
WP2-WG WP2 Series
WL2-WG WM2 & WL2 Series

Polycarbonate Guard
WP2-PG WP2 Series
WL2-PG WM2 & WL2 Series

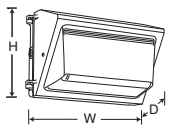
Visor
Retrofit visor for full cut-off luminaires
IES Classification: Full Cut-Off
WP2-FC WP Series
WL2-FC WM2 & WL2 Series

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 175W - 400W meets Energy Independence Security Act (EISA) requirements. 150W wet location luminaires are EISA exempt.
‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."
§ **Not for use in the United States.**

● Fixtures are **ENERGY EFFICIENT**.

Dimensions

Series	W	D	H
WP2	14"	7 1/4"	9 1/4"
WM2	18"	9 1/2"	10"
WL2	18"	13"	10"



Description

The Wall-Lux™ luminaire is an economical polycarbonate fixture for high pressure sodium lamps up to 100 watts HID or 42W CFL. This luminaire is ideal for installation at low mounting heights in areas such as hotels, schools, apartments, and retail stores.

Features

Optics Molded polycarbonate lens

Lamp High pressure sodium • Compact fluorescent

Construction Polycarbonate lens/cover • Cast aluminum mounting plate

Finish Bronze • Optional white

Lampholder HPS: medium base • Compact fluorescent: 4-pin electronic

Ballasts High pressure sodium reactor (NPF) ballast • Electronic compact fluorescent ballast

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

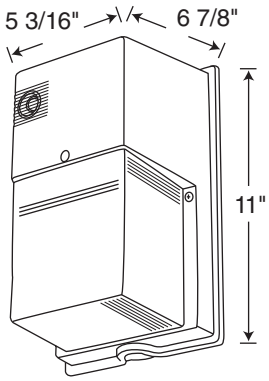
Ordering Information Example: **EWM70HP-120NP-L-PC**

Series	Lamp (Watts/Type)	Ballast	Options
EWM	**70HP**	**120NP**	**-L-PC**
EWM	High Pressure Sodium Medium Base **35HP, 50HP, 70HP** B17 Compact Fluorescent GX24Q Base **42CF**	Magnetic - High Pressure Sodium 35W thru 70W HPS **- 120NP** 120V, Normal Power Factor Reactor Electronic - Compact Fluorescent **- E12** 120V **- E27** 277V **- UN** 120V /277V	See below

Dimensions

3/4" Hub

Add 3" when supplied with hook



Options (Options are factory installed)

Description	Suffix
Lamp With HID or CF lamp	- **L**
Photocontrol Replace "-UN"with the line voltage suffix	**- PC**
Color Bronze, standard White	No Suffix - **WH**

AccuLite

Night Lights/Step Lights | IC115LED

LED Outdoor Rated Step Light & Trims IC Rated

Description

LED step light is rated for use in outdoor or indoor wall mount applications including concrete pour, brick masonry or drywall • Recessed housing is IC rated and can be completely covered with insulation • Back housing ships separately from power module for rough-in purposes • Designed to provide 50,000 hours of life

Listings

UL and cUL Listed for wet locations and concrete pour approved • RoHS compliant

Features

Housing Die cast aluminum housing gasketed for wet location • Housing ships separate from power module for rough-in purposes. Cover plate provided to protect housing during installation • Two mounting brackets for nailing housing to studs • Housing provided with (2) 1/2" conduit compression fittings

Power Module LED light engine and driver mounted directly to metal tray assembly for ease of wiring and installation into housing after rough-in • Environmentally friendly, energy efficient • No harmful ultraviolet or infrared wavelengths • No lead or mercury • Consumes 6W nominal • Non-dimming driver accommodates input voltage of 120 volts AC at 50/60Hz • High lumen output LEDs binned to ENERGY STAR® standards • 3000K or 4100K color temperatures available • Rated 50,000 hours at 70% lumen maintenance

Trims Cast aluminum trims supplied with an opal diffuser • Trims fasten to housing with two allen-head screws • Trim selection shown below

Ordering Information

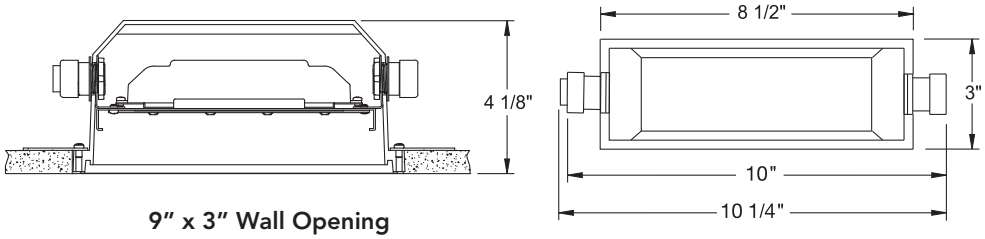
Order housing, power module and trim separately

IC115LEDHSG
Housing

IC115LEDPM
Power Module

Catalog No.	Description
IC115LEDHSG	Back housing
IC115LEDPM-3K	3000K LED color temperature
IC115LEDPM-41K	4100K LED color temperature

Dimensions



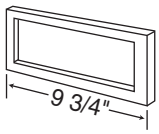
9" x 3" Wall Opening

Trims

Opal Lens

Catalog #	Description
835-BL	Black
835-WH	White

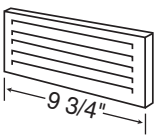
Trim Size:
9 3/4"L x 3 5/8"H



Opal Lens with Grill

Catalog #	Description
836-BL	Black
836-WH	White

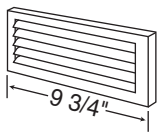
Trim Size:
9 3/4"L x 3 5/8"H



Opal Lens with Angled Louvers

Catalog #	Description
837-BL	Black
837-WH	White

Trim Size:
9 3/4"L x 3 5/8"H



AccuLite™

Night Lights/Step Lights | 838LED

LED Outdoor Performance Step Light IC Rated

IP65 | Wet Location | ADA Compliant

Description

Performance LED step light is rated for use in outdoor or indoor wall mount applications including concrete pour, brick masonry or drywall • May be used as LED retrofit for existing Juno PL115 outdoor rated step lights installed in application • Recessed housing is IC rated and can be completely covered with insulation • Back housing ships separately from power module trim for rough-in purposes • Designed to provide 50,000 hours of life

Listings

UL and cUL Listed for wet locations and concrete pour approved • RoHS compliant • UL Listed as LED conversion retrofit for Juno PL115 outdoor rated step light • IP65 rated

Features

Housing Die cast aluminum housing gasketed for wet location provides IP65 rating • Housing ships separate from power module trim for rough-in purposes. Cover plate provided to protect housing during installation • Two mounting brackets for nailing housing to studs • Housing provided with (2) 1/2" conduit compression fittings

Power Module Trim LED light engine and driver mounted directly to trim assembly for ease of wiring and installation into housing after rough-in • No harmful ultraviolet or infrared wavelengths • No lead or mercury • Consumes 13W nominal • Environmentally friendly, energy efficient

LED Light Engine LED PCB utilizes 1 watt high lumen output LEDs binned to ENERGY STAR® standards • 3000K or 4100K color temperatures available

LED Driver Non-dimming driver accommodates input voltage of 120 volts AC at 50/60Hz • Thermally protected and has integral overload and short circuit protection

Trim Matte textured diffuser supplied • Fasten to housing with two allen-head screws • Available in textured white, black, bronze or silver corrosion resistant paint on cast aluminum

Life Rated 50,000 hours at 70% lumen maintenance

Ordering Information

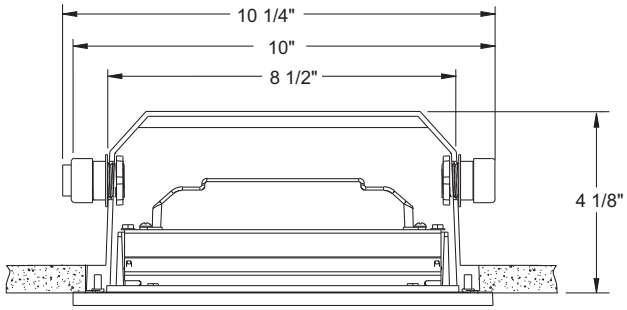
Order housing and power module trim separately

IC115LEDHSG
Housing

838LED-13
Power Module Trim 13W

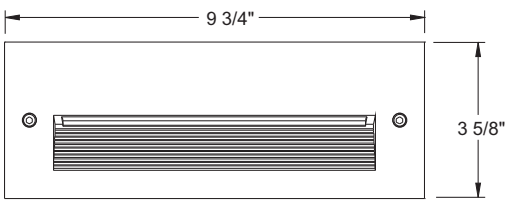
Catalog No.	Description
IC115LEDHSG	Back housing
838LED-13-3K-BL	3000K LED color temperature, textured, black trim
838LED-13-3K-BZ	3000K LED color temperature, textured, bronze trim
838LED-13-3K-SR	3000K LED color temperature, textured, silver trim
838LED-13-3K-WH	3000K LED color temperature, textured, white trim
838LED-13-41K-BL	4100K LED color temperature, textured, black trim
838LED-13-41K-BZ	4100K LED color temperature, textured, bronze trim
838LED-13-41K-SR	4100K LED color temperature, textured, silver trim
838LED-13-41K-WH	4100K LED color temperature, textured, white trim

Dimensions



9" x 3" Wall Opening

Opal Lens with Angled Louvers



AccuLite

Area Lighting | Finia™

LED Architectural Area Lighting LA1 & LA2 Series

Description

The LA series is an architectural LED area light designed for medium mounting heights, pedestrian scale applications where an attractive and energy efficient luminaire is needed. The design of this luminaire takes full advantage of the LED light source with exclusive features specifically developed to extract heat from the diodes, thus improving light source performance. An integral, all LED emergency lighting option makes this fixture a great choice for walkways leading pedestrians away from buildings during power outages. With an IP65 full fixture rating the LA series keeps all its critical components safely protected from any weather condition. This fixture is a great choice for outdoor malls, store fronts, parks, and other pedestrian areas. Available in a high performance configuration (LA1 Series) with maximum fixture efficacy, and a more economical version (LA2 Series) for the budget conscious project.

Features

Optics Custom designed, high performance molded TIR (Total Internal Refraction) optics shape the LED light with either a Type III or TypeIV distributions • A stainless steel polished-to-mirror finish reflector projects any stranded lumens out of the fixture, maximizing fixture performance.

Construction Heavy wall die cast aluminum body, back box, and frame deliver a sturdy, durable fixture • A tempered glass lens completely seals and protects the LED compartment • A powder coat finish with a thorough 6 stage application process seals the aluminum components from the environment.

Thermal Management LED boards are directly mounted against a polished surface for maximum contact between boards and heat sink • An exclusive air vent between the LED compartment and the electronic driver isolates and cools the two components.

Electrical The luminaire is equipped with two, three, or four LED modules depending on the light output/wattage selection • All versions are equipped with universal voltage LED drivers 120-277VAC input or 347V

Mounting Direct mounting to square pole for single or back-to-back installation • A straight arm option is available for 90° installations of 2, 3, or 4 fixtures on square poles.

Finish Polyester powder coat finish with a six stage application process • Bronze, black, white or silver are standard

Emergency Lighting Option An optional integral battery pack can be provided for emergency lighting during a power outage • Choose between EM option (0˚ to 50˚C, 32˚ to 122˚F ambient) and EX option (-20˚ to 50˚C, -4˚ to 122˚F ambient.)

Motion Detection Option The sensor is configured to function either as an ON/OFF switch (MØ option) or to operate a High/Low dimming driver (M option) • In the High/Low configuation the user can field adjust the "Low" light setting with an internal potentiometer for continuous adjustment down to 15%

0-10V Dimming Option An optional 0-10V dimming driver (D option) is available • In applications where additional 0-10V wiring presents a challenge, a programmable, automatic dimming unit (PD option) is available • The PD option eliminates the need for 0-10V wiring and automatically dims the fixture with a factory pre-programmed schedule.

Hazardous Locations When ordered with option "C1", Finia LED luminaires are approved for use in hazardous locations classified as Class 1, Div 2, Groups A, B, C and D. Temperature class T4 and ambient range of -20°C to 40°C (-4°F to 104°F) • These are areas where flammable gases or vapors may be present in the air during abnormal conditions.

Certification Fixture meets UL1598 and CSA C22.2-250 standards • Suitable for wet location applications • Full fixture IP65 rating • Union made • DesignLights Consortium™ (see product specifications sheets for qualified models.)

Lumen Depreciation 60,000 hours L_{70} at 77°F (25°C) ambient.

AccuLite™ Area Lighting | Finia™
LED Architectural Area Lighting LA1 & LA2 Series

DESIGNLIGHTS CONSORTIUM

Ordering Information Example: LA1-40L-5K-E2-P-4S-PC

Series	Lamp/Watts	CCT	Voltage	Mounting	Distribution	Options
LA1	- 40L	- 5K	- E2	- P	- 4S	- PC

LA1
High Performance Compact LED Area Light

40L
40W LED Engine

50L
50W LED Engine

5K
5100K

4K
4100K

UN
Universal 120-277V

E1
120V

E2
277V

E3
347V

blank
Square pole bracket

P
Direct Pole Mount, drilled only (for single fixture or back to back fixture installation)

3S
Type III short

4S
Type IV short

5R
Type V round

PC[1]
Button Style Photocontrol (must specify line voltage)

M[1]
Motion sensor hi/lo (Must specify line voltage) Available with 120V or 277

MØ[1]
Motion sensor on/off (Must specify line voltage) Available with 120V or 277

EM[1]
Integral emergency lighting (Must specify voltage) Available for 120V or 277V

EX[1]
Integral cold weather emergency lighting (Must specify voltage) Available for 120V or 277V

HT
High transmission glass lens

PG
Prismatic glass lens (Type III & IV optics only)

PL
Polycarbonate Lens (Type III & IV optics only)

F[1]
Fusing (Must specify voltage)

TP
Tamper resistant hardware

D
Dimming 0-10V

PD[1]
Pre-programmed dimming

C1
Class 1, Division 2, Hazardous location Groups A,B,C,D

Finish

no suffix
Bronze finish

BL
Black finish

WH
White finish

SL
Silver finish

custom finish
Contact factory with RAL number

[1] Option not available in cmbination with "C1" option.

For DesignLights™ Consortium qualified fixtures, please refer to the product specification sheet at junolightinggroup.com

Series	Lamp/Watts	CCT	Voltage	Mounting	Distribution	Options
LA2	- 40L	- 5K	- E2	- P	- 4S	- PC

LA2
Compact LED Area Light

40L
40W LED Engine

50L
50W LED Engine

80L
80W LED Engine

5K
4600K-5600K

4K
3700K-4250K

UN
Universal 120-277V

E1
120V

E2
277V

E3
347V

blank
Square pole bracket

P
Direct Pole Mount, drilled only (for single fixture or back to back fixture installation)

3S
Type III short

4S
Type IV short

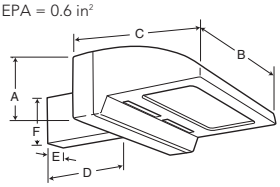
5R
Type V round

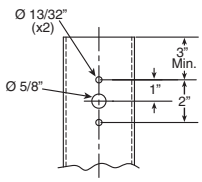
See above Options

For DesignLights™ Consortium qualified fixtures, please refer to the product specification sheet at junolightinggroup.com

Dimensions

	A	B	C	D	E	F
Standard Unit 18 lb EPA = 0.5 in²	4 3/4"	15 1/2"	9 3/4"	6 1/2"	2 1/8"	3 7/8"
Unit w/ Emergency Battery 26 lb EPA = 0.6 in²	4 3/4"	15 1/2"	11 1/2"	6 1/2"	2 1/8"	3 7/8"





Two-Hole Pole Drill

Accessories (Ordered and shipped separately)

Description	Catalog #
USB PC Cable For field programming of "PD" option with a PC	**PDUSBPCCABLE**

AccuLite™ Area Lighting | Areos™ LED

LED Area Lighting 16" & 22" Low Profile LED

Description

The Areos™ LED Area Light is a low profile luminaire for area lighting applications where energy efficiency, and low maintenance costs are required. An all LED light source delivers up to 27,000 lumens with only 295W total fixture input power. A full fixture IP65 rating protects the electronics and light engine from the weather.

Features

Optics Precision engineered TIR (Total Internal Reflection) optics are individually placed on each LED, to deliver consistent optical placement and performance • Types II, III, V and Forward Throw distributions are available • A glass lens keeps the optics clean and protected from UV exposure, preserving the performance of the fixture over long periods of time

Field Rotatable LED Module The complete LED module can be easily and safely rotated in the field to aim the fixture in 90° increments • A simple system of 4 bolts lowers the square LED module so that it is free to rotate to the desired orientation • The luminaires can also be ordered already rotated from the factory using options "RR" (rotated to the right) and "RL" (rotated to the left)

Construction LED module and fixture housing are made of heavy wall die cast aluminum with a 5 stage powder coat finish • The driver compartment is separated from the LED heat source, extending the life of the electronic components • Molded gaskets seal the fixture and protect internal components from the environment

Electrical The Luminaire is equipped with Class 1 drivers • Depending on the voltage required fixture will have a universal voltage input of 120-277VAC or 347-480VAC • Minimum power factor 0.90 • Fixture includes a surge supressor that protects Line-Ground, Line-Neutral, and Neutral-Ground in accordance with IEEE/ANSI C62.41.2 guidelines with a surge current rating of 10,000 amps

Dark Sky Compliant All of Areos LED optical distributions are compliant with Dark Sky ordinances

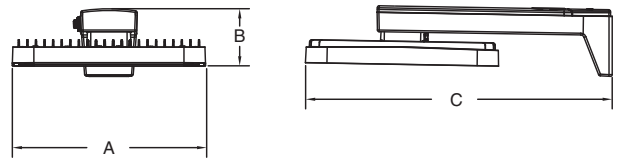
Dimming Fixtures can be ordered with an optional 0-10V dimming driver

Mounting Can be pole mounted directly to square poles Wall mounting accessory available • Round pole mounting accessory available • Post top or tenon mounting accessory available

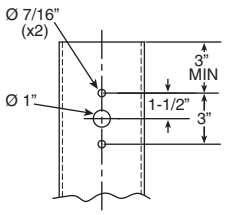
Finsih All exposed surfaces are protected with a 5 stage powder coating

Listing Meets UL1598/CSA C22.2 250 standards • Suitable for wet locations • IP65 rated • DesignLights™ Consortium qualified (see product specification sheets for qualified models.)

Dimensions



	A	B	C	Weight	EPA
16" fixture	16" sq.	4.75"	25.5"	28 lb.	0.78 ft.²
22" fixture	22" sq.	5.625"	32"	46 lb.	0.82 ft.²



Pole Drill Pattern for Mounting

AccuLite™ Area Lighting | Areos™ LED

LED Area Lighting 16" & 22" Low Profile LED

Ordering Information Example: SS1-A06-6K-UN-2B-BZ-D

Series	Light Engine	CCT	Voltage	Distribution	Finish	Options
SS1	A06	6K	UN	2B	BZ	D

Premium Efficacy Fixtures

SS1- 16" fixture
- **A06** 67W
- **A09** 97W
- **A12** 127W

LS1- 22" fixture
- **A18** 194W
- **A24** 254W

Standard Efficacy Fixtures

SS2- 16" fixture
- **B08** 107W (120V-277V only)
- **B12** 153W (120V-277V only)
- **B16** 200W (120V-277V only)

LS2- 22" fixture
- **B24** 295W

CCT
- **- 6K** - 6500K 65 CRI
- **- 4K** - 4500K 80 CRI

Voltage
- **- UN** - 120V-277V
- **- E12** 120V
- **- E20** 208V
- **- E24** 240V
- **- E27** 277V
- **- E34** 347V
- **- E48** 480V

Distribution
- **- 2B** IES Type II with back light control
- **- 3B** IES Type III with back light control
- **- FT** Forward Throw with back light control
- **- 5** Type V square

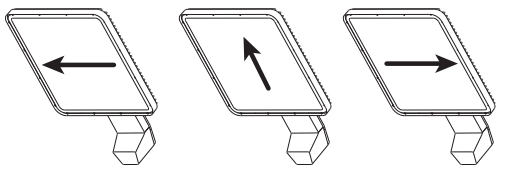
Finish
- **- BL** Black
- **- SL** Silver
- **- WH** White
- **- BZ** Bronze

Options
- **- PC**[1] Photo control
- **- PCR**[1] Twist lock photo control receptacle (photo control supplied by user)
- **- F1**[1] Fuse single pole line to neutral
- **- F2**[1] Fuse two pole line to line
- **- D** 0-10V dimming driver
- **- NL** No glass lens (wet location listed only)
- **- HT** High transmission lens
- **- FG** Frosted glass lens
- **- RR** Optics Rotated Right (when facing pole)
- **- RL** Optics Rotated Left (when facing pole)

[1] Specify Voltage

For DesignLights™ Consortium qualified fixtures, please refer to the product specification sheet at junolightinggroup.com

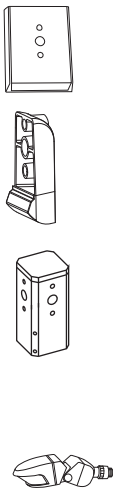
Rotated Optics



Left Facing "-RL" *Standard no suffix* *Right Facing "-RR"*

Accessories (Ordered and shipped separately)

Description	Catalog #
Wall Mount Bracket	**A-WMB-color**
Round Pole Adapter Fits 3" to 4" pole Fits 5" to 6" pole	**A-RPA34-color** **A-RPA56-color**
Post Top Fitter Fits 2" IPS (2-3/8" OD and 2-1/2" IPS (2-7/8" OD) tenons	**A-PTF-color**
****Motion Sensor, Pole Mounted**	
ON/OFF Motion Sensor 120V	**MSONOFF120**
ON/OFF Motion Sensor 277V	**MSONOFF277**
ON/OFF Motion Sensor 347V	**MSONOFF347**
ON/OFF Motion Sensor 480V	**MSONOFF480**
HI/LO Motion Sensor 120V	**MSHILO120**
HI/LO Motion Sensor 277V	**MSHILO277**
HI/LO Motion Sensor 347V	**MSHILO347**
HI/LO Motion Sensor 480V	**MSHILO480**
Requires fixture with "D" option (dimming driver)	



**Sensor to be mounted on pole by installer

AccuLite

Area Lighting | Alari+™ LED

Parking, Roadway & Area Lighting Roatable Optics - LED 90W & 150W

Description

Architectural styling and energy efficiency fuse together in the Alari+ LED luminaire. Including all the premium features of the traditional Alari+ fixture, the LED version of this stylish luminaire adds field rotatable optics assuring a perfect lighting job even in the most intricate projects.

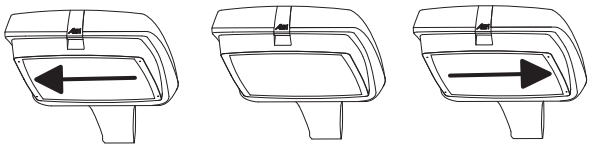
Features

- Energy efficient LED light engine in 150W and 90W versions
- Exceeds 70 lumens per watt, independently tested per IES LM79 when using high transmission glass option
- Type II, Type III and Type V distributions
- Full cutoff optics, independently tested
- Field rotatable optics
- Long LED life – 50,000 hrs at 77°F (25°C) ambient (L70*)
- Tool-less access to the fixture, and simple two bolt installation
- Available with 0-10V dimming,

Electronics The Alari+ LED fixtures are equipped with either a 90W or 150W LED engine available in 4000K or 5700K color temperatures

*L70 is the LED manufacturer predicted time when the LED performance depreciates below 70% of the initial lumen output and it is based on the stated ambient temperature.

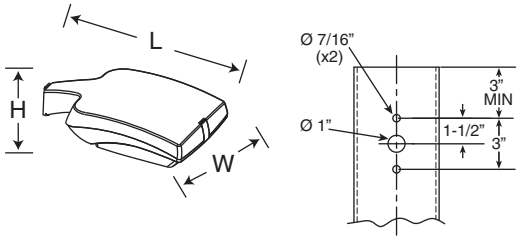
Alari+ Rotatable Optics



Left Facing *Standard* *Right Facing*

Dimensions

	EPA	L	W	H	Weight
AP2 Series	1.2 ft²	32"	18 5/8"	7 9/16"	52 lb.



LED Data

Ordering Code	System Watts	Nominal CCT	Typical CRI	Luminaire Initial Absolute Lumens		
				Type II	Type III	Type V
150L	154W	5700K	70	9,922	10,054	10,706
90L	86W	5700K	70	5,992	6,071	6,465

[1] Wattage may vary by +/- 8% due to LED manufacturer forward volt specification and ambient temperature. Wattage shown is average for 120V through 277V input. Actual wattage may vary by an additional +/- 10% due to actual input voltage.

[2] Nominal CCT values are shown. Actual range for 5700K fixtures is 5000K-6300K, and actual range for 4000K fixtures is 3800K-4500K.

[3] For 4000K lumen values, contact factory.

Lumen values are based on tests conducted according to IESNA LM79 using the High Transmission Glass (option HT.)

AccuLite

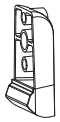
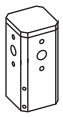
Area Lighting | Alari+™ LED

Parking, Roadway & Area Lighting Roatable Optics - LED 90W & 150W

Ordering Information Example: AP2150L-57K-UN-5

Series	Lamp Wattage/Type	CCT	Voltage	Distribution	Options
AP2-	150L	-57K	-UN	-5	-HT
AP2- Alari Plus Medium Housing	**150L** 150W LED **90L** 90W LED	**- 57K** - 5700K **- 40K** - 4000K	**- UN** - 120V thru 277V **- E12** 120V **- E20** 208V **- E24** 240V **- E27** 277V **- E34** 347V **- E48** 480V	**- 2** IES Type II **- 3** IES Type III **- 5** IES Type V	**- RL** Optics factory rotated left (optics can be field rotated as needed) **- RR** Optics factory rotated right (optics can be field rotated as needed) **- HT** High Transmission Glass **- PC** Photo control (Must indicate dedicated voltage suffix) **- F1** Fuse for 120V, 277V, 347V (Must indicate dedicated voltage suffix) **- F2** Fuse for 208V, 240V, 480V (Must indicate dedicated voltage suffix) **- BL** Black finish **- SL** Silver finish **- WH** White finish **no suffix** Bronze finish

Accessories (Ordered and shipped separately)

Description	Catalog #	
Wall Mount Bracket	**A-WMB-color**	
Round Pole Adapter Fits 3" to 4" pole Fits 5" to 6" pole	**A-RPA34-color** **A-RPA56-color**	
Post Top Adapter Fits 2" IPS (2-3/8" o.d.) and 2-1/2" IPS (2-7/8" o.d.) tenons.	**A-PTF-color**	
External House Side Shield	**A2-HS**	
Polycarbonate Guard	**A2-LS**	

Description

Beauty & Style The ultimate in stylish lighting design, the Alari™ luminaire provides a graceful transition from ground to sky. The sweeping curves and elegant lines create a daytime appeal not normally found in a luminaire of this type

Performance Highly engineered optics ensure industry leading light levels with superior uniformity. The full compliment of beam spreads make the Alari™ luminaire the ideal choice for elegant high performance lighting

Features

Optics • Precision engineered multi-faceted reflectors ensures precise light control and superior uniformity • Heat resistant tempered glass lens

Low EPA Sleek, low-resistance profile

Electronic HID Ballast 250W and 320W • Improved lamp lumen depreciation • Extended lamp life • Improved ballast efficiency

Vertical Lamp In addition to the standard horizontal lamp models, the Alari™ luminaire is also offered with vertical lamps up to 200W

"Dark Sky" Friendly Full cut-off • International Dark Sky Association Seal of Approval for dark sky friendly, full cut-off luminaires

Tool-Less Relamping Snap action door latch

High/Low Switching The Alari HID luminaires can be ordered with a dual capacitor and controller that allows the fixtures to switch from full light output to approximately 50% of the light output • The fixtures can be switched from High to Low with an external switch (supplied by others) or with an occupancy sensor that detects movement • AccuLite offers an infrared motion sensor accessory that can be mounted on the pole at about 15' from the ground • The sensor communicates with the fixtures at the top of the pole and switches them to High or Low light settings based on occupancy • One sensor can operate up to 2 fixtures • To order the fixture with the High/Low option add the suffix "HL" to the fixture part number • The motion sensor is an accessory and has to be ordered separately using part number HILOOCSENSW • The sensor is only available in a bronze finish.

Construction Die cast aluminum • Stainless steel external hardware • Removable hinged door • Ballast mounted directly to housing

Mounting Two bolt keyhole mounting

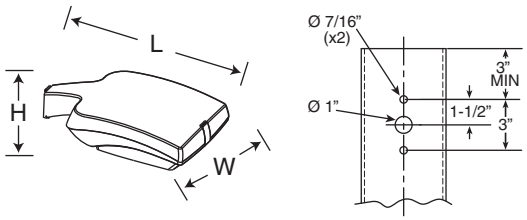
Lampholder HID - specification grade porcelain • CFL - 4 pin GX24Q base

Ballasts Low temperature starting • HPF magnetic ballast - Probe start MH -30°C, Pulse Start MH -40°C, HPS -40°C • Electronic ballast - HID -30°C (max. 35°C ambient), CFL -18°C

Listing UL1598/CSA C22.2 250 • IP65 • IDA Full Cut-Off • Suitable for wet locations

Dimensions

	EPA	L	W	H	Weight
A1 Series	0.8 ft²	23"	14"	5 7/8"	28 lb.
A2 Series	1.2 ft²	32"	18 5/8"	7 9/16"	49 lb.



Ordering Information Example: **A1-150PS-QT-5H-L**

Series	Lamp (Wattage/Type)	Ballast	Distribution	Options
A1	150PS	QT	5H	L

A1 Small Housing - Horizontal Lamp

Horizontal Lamp
A1 Medium base
70W - 150W PS
175W MH
70W - 150W HPS

CFL - GX24q base
One lamp 26W - 70W
Two lamps 26W - 42W

● **Pulse Start Metal Halide**
70PS, 100PS, 150PS ED17 - Horizontal Lamp

Probe Start Metal Halide
§ **175MH** BD17 - Horizontal Lamp

● **High Pressure Sodium**
70HP, 100HP, 150HP E17 - Horizontal Lamp

● **Compact Fluorescent**
One lamp - **126CF, 132CF, 142CF, 157CF, 170CF**
Two lamps - **226CF, 232CF, 242CF**

Magnetic
PS, MH & HPS Lamps
- **QT**† Quad Tap
120V, 208V, 240V, 277V

- **TT** Tri Tap
120V, 277V, 347V

- **480**† 480V
Not available with 70HP

Electronic
Compact Fluorescent
-**UN** 120/277V
- **E12** 120V
- **E27** 277V
- **E34** 347V

One Horizontal Lamp
- **2H** IES Type II
- **3H** IES Type III
- **5H** IES Type V
- **FT** - Forward Throw

Two Horizontal Lamps (CFL only)
- **2H** IES Type II
- **3H** IES Type III
- **5H** IES Type V

See below

A2 Medium Housing - Horizontal or Vertical Lamp

Horizontal Lamp
A2 HID - Mogul base
200W - 400W HID

Vertical Lamp
A2 HID -
Medium base
70W - 200W

● **Pulse Start Metal Halide**
70PS, 100PS, 150PS ED17 - Vertical Lamp
Ⓔ **175PS, 200PS** ED17 - Vertical Lamp
Ⓔ **200PS, 250PS** ED28 - Horizontal Lamp
Ⓔ **320PS, 350PS, 400PS** ED28 - Horizontal Lamp

Probe Start Metal Halide
§ **175MH** BD17- Vertical Lamp
§ **175MH, 250MH, 400MH** ED28 - Horizontal Lamp

● **High Pressure Sodium**
70HP, 100HP, 150HP E17 - Vertical Lamp
150HP ED23.5 - Horizontal Lamp
250HP, 400HP ED18 - Horizontal Lamp

Magnetic
PS, MH & HPS Lamps
- **QT**† Quad Tap
120V, 208V, 240V, 277V

- **TT** Tri Tap
120V, 277V, 347V

- **480**† 480V
Not available with 70HP

Electronic
Pulse Start MH
250W or 320W only

- **U27**† - 200V thru 277V

One Horizontal Lamp
- **2H** IES Type II
- **3H** IES Type III
- **4H** IES Type IV **NEW**
- **5H** IES Type V
- **FT** Forward Throw

One Vertical Lamp
- **AV** Asymmetrical
- **SV** Square

Options (Factory installed, add suffix to catalog number)

Description	Suffix
Lamp Coated HID lamp	- **CL**
Clear HID lamp	- **L**
Compact fluorescent	By others
Photocontrol Replace voltage suffix "-QT", "-TT" and "UN" with line voltage suffix (max 347V)	- **PC**
Photocontrol receptacle Specify voltage	- **PCR**
Quartz Auxiliary Double contact bayonet base Quartz lamp not included	- **Q**
Emergency Ballast For use with one or two CF lamps. Replace voltage suffix "-QT", "-TT" and "UN" with line voltage suffix, 120V or 277V only	
The CF lamp(s) operate off the CF ballast, the lamp selected for dual function also operates off the emergency ballast.	
Minimum operating temperature 0°C (32°F)	- **EMB**
Minimum operating temperature -18°C (0°F)	- **EMX**
Internal House Side Shield For back light cut-off of forward throw (suffix "-FT") optics only For other distributions use the external shield	- **SH**
Fuse Holder Supplied with fuse Replace voltage suffix "-QT", "-TT" and "UN" with line voltage suffix	
Single pole - Line to neutral	- **F1**
Two pole - Line to line	- **F2**
Hi/Lo HID controller Switches light output between High and Low light setting. Requires accessory motion sensor HILOOCSENSW	- **HL**
Color	
Bronze, standard	No Suffix
Black	- **BL**
Silver	- **SL**
White	- **WH**

Accessories (Ordered and shipped separately)

Description	Catalog #
Wall Mount Bracket	**A-WMB-color**
Round Pole Adapter	
Fits 3" to 4" pole	**A-RPA34-color**
Fits 5" to 6" pole	**A-RPA56-color**
Post Top Fitter Fits 2" IPS (2-3/8" OD and 2-1/2" IPS (2-7/8" OD) tenons	**A-PTF-color**
House Side Shield External Shield Used with IES Type II, III, IV, V and Asymmetrical and Square distribution optics. See options for forward throw models	
Fits A1 & AP1 Series	**A1-HSS**
Fits A2 & AP2 Series	**A2-HSS**
Polycarbonate Guard	
Fits A1 & AP1 Series	**A1-LS**
Fits A2 & AP2 Series	**A2-LS**
Pole Mounted IR Motion Sensor Switches the fixture between High and Low light settings. Requires fixture with "HL" option	**HILOOCSENSW**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 175W - 400W meet Energy Independence & Security Act (EISA) requirements. 150W wet location luminaires are EISA exempt.
‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."
§ **Not for use in the United States.**
● Fixtures are **ENERGY EFFICIENT**

Description

Beauty & Style The ultimate in stylish lighting design, the Alari™+ luminaire provides a graceful transition from ground to sky. The sweeping curves and elegant lines creates a daytime appeal not normally found in a luminaire of this type. Designer colors are available.

Premium Performance The precision engineered multi-faceted optical package ensures precise light control, high light levels and superior uniformity. High reflectance reflector materials are employed to achieve outstanding performance levels. An exciting new option, AccuLite's high transmission (98%) glass lens offers even higher levels of performance. The full complement of beam spreads makes Alari™+ the ideal choice for elegant high performance lighting

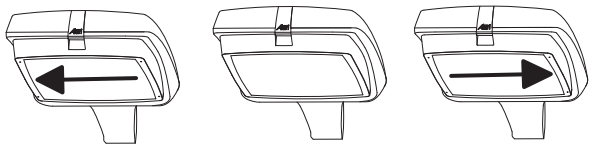
Features

Premium Optics Miro 4®, 95% enhanced specular aluminum • Precision engineered multi-faceted reflectors ensures precise light control and superior uniformity • Heat resistant tempered glass lens

High Transmission Lens 98% efficient high transmission glass lens is optional

Rotatable Optics Alari™+ optics rotate in increments of 90°

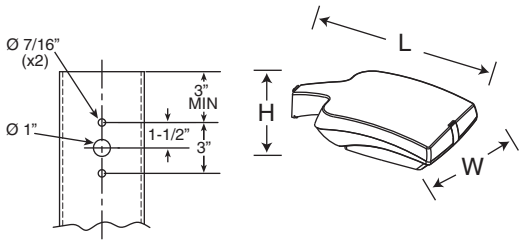
Alari+™ Rotatable Optics



Left Facing *Standard* *Right Facing*

Dimensions

	EPA	L	W	H	Weight
AP1 Series	0.8 ft²	23"	14"	5 7/8"	28 lb.
AP2 Series	1.2 ft²	32"	18 5/8"	7 9/16"	49 lb.



Electronic HID Ballast 250W and 320W • Improved lamp lumen depreciation • Extended lamp life • Improved ballast efficiency

Vertical Lamp In addition to the standard horizontal lamp models, the Alari™+ luminaire is also offered with vertical lamps up to 200W

Low EPA The Alari™+ luminaire features a sleek, low-resistance profile

"Dark Sky" Friendly Full cut-off • International Dark Sky Association Seal of Approval for dark sky friendly full cut-off luminaires

Tool-Less Relamping Snap action door latch

High/Low Switching The Alari HID luminaires can be ordered with a dual capacitor and controller that allows the fixtures to switch from full light output to approximately 50% of the light output • The fixtures can be switched from High to Low with an external switch (supplied by others) or with an occupancy sensor that detects movement • AccuLite offers an infrared motion sensor accessory that can be mounted on the pole at about 15' from the ground • The sensor communicates with the fixtures at the top of the pole and switches them to High or Low light settings based on occupancy • One sensor can operate up to 2 fixtures • To order the fixture with the High/Low option add the suffix "HL" to the fixture part number • The motion sensor is an accessory and has to be ordered separately using part number HILOOCSENSW • The sensor is only available in a bronze finish.

Construction Die cast aluminum • Stainless steel external hardware • Removable hinged door • Power tray ballast mounting system

Easy Mounting Two bolt keyhole mounting

Finish Baked polyester powder coat • Custom colors are available

Lampholder HID - specification grade porcelain • CFL - specification grade 4 pin GX24Q base

Ballasts Low temperature starting • HPF magnetic ballast - Probe start MH -30°C, Pulse Start MH -40°C, HPS -40°C • Electronic ballast - HID -30°C (max. 35°C ambient), CFL -18°C

Listing UL1598/CSA C22.2 250 • IP65 • IDA Full Cut-Off • Suitable for wet locations

Ordering Information Example: **AP2-200PS-QT-AV-L**

Series	Lamp (Wattage/Type)	Ballast	Distribution	Options
AP2	200PS	QT	AV	L

AP1 Small Housing - Horizontal Lamp

Horizontal Lamp
AP1 Medium base
70W - 150W PS
175W MH
70W - 150W HPS

CFL - GX24q base
One lamp 26W - 70W
Two lamps 26W - 42W

- **Pulse Start Metal Halide**
  70PS, 100PS, 150PS ED17 - Horizontal Lamp
- **Probe Start Metal Halide**
  § {**175MH** BD17 - Horizontal Lamp
- **High Pressure Sodium**
  70HP, 100HP, 150HP E17 - Horizontal Lamp
- **Compact Fluorescent**
  One lamp - **126CF, 132CF, 142CF, 157CF, 170CF**
  Two lamps - **226CF, 232CF, 242CF**

Magnetic
PS, MH & HPS Lamps
- **QT**† Quad Tap
120V, 208V, 240V, 277V

- **TT** Tri Tap
120V, 277V, 347V

- **480**† 480V
Not available with 70HP

Electronic
Compact Fluorescent
-UN 120/277V
- **E12** 120V
- **E27** 277V
- **E34** 347V

Rotatable
Optical Systems
95% reflectance

One Horizontal Lamp
- **2H** IES Type II
- **3H** IES Type III
- **5H** IES Type V
- **FT** - Forward Throw

Two Horizontal Lamps (CFL only)
- **2H** IES Type II
- **3H** IES Type III
- **5H** IES Type V

See Below

AP2 Medium Housing - Horizontal or Vertical Lamp

Horizontal Lamp
AP2 Mogul base
200W - 400W HID

Vertical Lamp
AP2 Medium base
70W - 200W

- **Pulse Start Metal Halide**
  70PS, 100PS, 150PS ED17 - Vertical Lamp
  Ⓔ {**175PS, 200PS** ED17 - Vertical Lamp
  Ⓔ { **200PS, 250PS** ED28 - Horizontal Lamp
  320PS, 350PS, 400PS ED28 - Horizontal Lamp
- **Probe Start Metal Halide**
  § {**175MH** BD17- Vertical Lamp
  § {**175MH, 250MH, 400MH** ED28 - Horizontal Lamp
- **High Pressure Sodium**
  70HP, 100HP, 150HP E17 - Vertical Lamp
  150HP ED23.5 - Horizontal Lamp
  250HP, 400HP ED18 - Horizontal Lamp

Magnetic
PS, MH & HPS Lamps
- **QT**† Quad Tap
120V, 208V, 240V, 277V

- **TT** Tri Tap
120V, 277V, 347V

- **480**† 480V
Not available with 70HP

Electronic
Pulse Start MH
250W or 320W

- **U27**† - 200V thru 277V

Rotatable
Optical Systems
95% reflectance

One Horizontal Lamp
- **2H** IES Type II
- **3H** IES Type III
- **4H** IES Type IV **NEW**
- **5H** IES Type V
- **FT** Forward Throw

One Vertical Lamp
- **AV** Asymmetrical
- **SV** Square

Options (Factory installed, add suffix to catalog number)

Description	Suffix
Rotate Optics Left Facing	- **RL**
Right Facing	- **RR**
High Transmission Glass Lens Lens permits 98% light transmission	- **HT**
Lamp Coated HID lamp	- **CL**
Clear HID lamp	- **L**
Compact fluorescent	By others
Photocontrol Replace voltage suffix "-QT", "-TT" and "UN" with line voltage suffix (max 347V)	- **PC**
Photocontrol receptacle Specify voltage	- **PCR**
Quartz Auxiliary Double contact bayonet base, Quartz lamp not included	- **Q**
Emergency Ballast For use with one or two CF lamps. Replace voltage suffix "-QT", "-TT" and "UN" with line voltage suffix, 120V or 277V only	
The CF lamp(s) operate off the CF ballast, the lamp selected for dual function also operates off the emergency ballast.	
Minimum operating temperature 0°C (32°F)	- **EMB**
Minimum operating temperature -18°C (0°F)	- **EMX**
Internal House Side Shield For back light cut-off of forward throw (suffix "-FT") optics only	
For other distributions use the external shield	- **SH**
Terminal Block & Ground Lug 14 AWG to 6 AWG	- **TB**
Fuse Holder Supplied with fuse Replace voltage suffix "-QT", "-TT" and "UN" with line voltage suffix	
Single pole - Line to neutral	- **F1**
Two pole - Line to line	- **F2**
Hi/Lo HID controller Switches light output between High and Low light setting. Requires accessory motion sensor HILOOCSENSW	- **HL**
Color Bronze, standard	No Suffix
Black	- **BL**
Silver	- **SL**
White	- **WH**

Accessories (Ordered and shipped separately)

Description	Catalog #
Wall Mount Bracket	**A-WMB-color**
Round Pole Adapter	
Fits 3" to 4" pole	**A-RPA34-color**
Fits 5" to 6" pole	**A-RPA56-color**
Post Top Fitter Fits 2" IPS (2-3/8" OD and 2-1/2" IPS (2-7/8" OD) tenons	**A-PTF-color**
House Side Shield External Shield Used with IES Type II, III, IV, V and Asymmetrical and Square distribution optics. See options for forward throw models	
Fits A1 & AP1 Series	**A1-HSS**
Fits A2 & AP2 Series	**A2-HSS**
Polycarbonate Guard	
Fits A1 & AP1 Series	**A1-LS**
Fits A2 & AP2 Series	**A2-LS**
Pole Mounted IR Motion Sensor Switches the fixture between High and Low light settings. Requires fixture with "HL" option	**HILOOCSENSW**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 175W - 400W meet Energy Independence & Security Act (EISA) requirements. 150W wet location luminaires are EISA exempt.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States.**

Description

Aries™ II square luminaires are a good choice for parking and area lighting installations where energy efficiency and low maintenance costs are desirable. Such areas include shopping centers, malls, car lots, business parks, commercial complexes, college and university campuses, fast food franchises, industrial and municipal parking lots and any other application where lighting uniformity, pole location and pole height flexibility is advantageous.

Listing UL1598/CSA C22.2 250 • IDA approved Dark Sky Friendly • Suitable for wet locations

Features

Optics IES Type V, forward throw, symmetric square and asymmetric distributions • Vertical base up lamp • Vertical base up lamps have higher initial and mean light levels plus longer lamp life than the same lamp in a non-vertical position • Field rotatable • Faceted reflectors • Specular and/or hammer tone finish

"Dark Sky" Aries II with flat glass lenses meet IES and International Dark Sky Association full cut-off standards

Mounting Bracket mounted • Available for new or existing 4", 5" or 6" poles • Order arm separately

Construction Heavy gauge die formed aluminum • Continuous welded seams and internal reinforcing plate for weather-proof integrity • Hinged door is secured by two screws

High/Low Switching The Aries II HID luminaires can be ordered with a dual capacitor and controller that allows the fixtures to switch from full light output to approximately 50% of the light output • The fixtures can be switched from High to Low with an external switch (supplied by others) or with an occupancy sensor that detects movement • AccuLite offers an infrared motion sensor accessory that can be mounted on the pole at about 15' from the ground • The sensor communicates with the fixtures at the top of the pole and switches them to High or Low light settings based on occupancy. One sensor can operate up to 2 fixtures • To order the fixture with the High/Low option add the suffix "HL" to the fixture part number • The motion sensor is an accessory and has to be ordered separately using part number HILOOCSENSW • The sensor is only available
in a bronze finish

Lens Heat and impact resistant tempered flat glass • Gasketed and mechanically secured, not siliconed

Finish Polyester powder coat • Bronze, black, white

Lampholder Specification grade porcelain • Mogul base • Plated brass contacts

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Ordering Information Example: **AA875PS-QT-F5 c/w AA-8-AM4S-BZ**

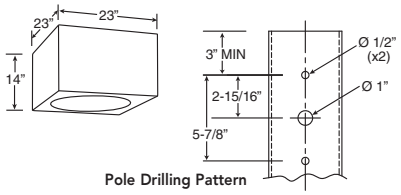
Series	Lamp (Wattage/Type)	Ballast	Distribution	Color	Mounting	Options
AA	**875PS**	**-QT**	**-F5**	**BL**	**-**	**-**
AA Aries II	● **Pulse Start Metal Halide†** Ⓔ { **400PS, 450PS** ED37 **750PS, 875PS, 1000PS** BT37 **Probe Start Metal Halide†** § { **400MH** ED37 **1000MH** BT56 ● **High Pressure Sodium** **400HP** ED18 **750HP** ED37	**H.I.D. - Magnetic** **- QT‡** Quad Tap 120V, 208V, 240V, 277V **- TT** Tri Tap 120V, 277V, 347V **- 480‡** 480V	**- F5** IES Type V **- FS** Square **- FA** Asymmetric **- FT** Forward Throw	**No Suffix** Bronze **- BL** Black **- WH** White	Order Mounting Arm Separately See Accessories	**Options** See below

Aries II Rotatable Optics
Optics are field rotatable

Dimensions

With Flat Glass Lens

EPA: Luminaire 2.68 ft²
8" arm - 0.47 ft²,
14" arm - 0.81 ft²
(Includes 1.2 drag factor)
Weight: 400W - 54 lbs.
1000W - 61 lbs.



Pole Drilling Pattern
4", 5" or 6" pole
for "bolt-on" brackets

Options (Factory installed, add suffix to catalog number)

Description	Suffix
Lamp Clear HID lamp	**- L**
Coated HID lamp	**- CL**
Quartz Auxiliary Replace voltage suffix "-QT" & "-TT" with line voltage	
Cold Start/Hot Restrike with delay	**- Q**
Hot Restrike only	**- HQ**
Photocontrol Replace voltage suffix "-QT" & "-TT" with line voltage	**- PC**
Photocontrol Receptacle Specify voltage, receptacle only, photocontrol supplied by others	**- PCR**
Fuse Holder Supplied with fuse Replace voltage suffix "-QT" & "-TT" with line voltage	
Single pole - Line to neutral	**- F1**
Two pole - Line to line	**- F2**
Hi/Lo HID controller Switches light output between High and Low light setting. Requires accessory motion sensor HILOOCSENSW	**- HL**

Accessories (Ordered and shipped separately)

Description	Catalog #
Square Pole Bracket Mounts on 4", 5" or 6" Pole Bronze - change "-BZ" to "-BL" black or "-WH" white	
1 or 2 luminaires @ 180° - 8" Arm	**AA-8-AM4S-BZ**
2, 3 or 4 luminaires @ 90° - 14" Arm	**AA-14-AM4S-BZ**
Round Pole Bracket Mounts on 4"Round Pole Bronze - change "-BZ" to "-BL" black or "-WH" white	
1 or 2 luminaires @ 180° - 8" Arm	**AA-8-AM4R-BZ**
2, 3 or 4 luminaires @ 90° - 14" Arm	**AA-14-AM4R-BZ**
House Side Shield External shield for IES Type V. Not available with forward throw, square or asymmetric distributions	**AAHSS**
Pole Mounted IR Motion Sensor Switches the fixture between High and Low light settings. Requires fixture with "HL" option	**HILOOCSENSW**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 400W - 450W meet Energy Independence & Security Act (EISA) requirements.
‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."
§ **Not for use in the United States.**

●Fixtures are ENERGY EFFICIENT

Description
Aries™ II square luminaires are a good choice for parking and area lighting installations where energy efficiency and low maintenance costs are desirable. Such areas include shopping centers, malls, car lots, business parks, commercial complexes, college and university campuses, fast food franchises, industrial and municipal parking lots and any other application where lighting uniformity, pole location and pole height flexibility is advantageous.

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

Features

Optics IES Type V, forward throw, symmetric square and asymmetric distributions • Vertical base up lamp • Vertical base up lamps have higher initial and mean light levels plus longer lamp life than the same lamp in a non-vertical position • Field rotatable • Faceted reflectors • Specular and/or hammer tone finish

Construction Heavy gauge die formed aluminum • Continuous welded seams and internal reinforcing plate for weather-proof integrity • Hinged door is secured by two screws

High/Low Switching The Aries II HID luminaires can be ordered with a dual capacitor and controller that allows the fixtures to switch from full light output to approximately 50% of the light output • The fixtures can be switched from High to Low with an external switch (supplied by others) or with an occupancy sensor that detects movement • AccuLite offers an infrared motion sensor accessory that can be mounted on the pole at about 15' from the ground • The sensor communicates with the fixtures at the top of the pole and switches them to High or Low light settings based on occupancy. One sensor can operate up to 2 fixtures • To order the fixture with the High/Low option add the suffix "HL" to the fixture part number • The motion sensor is an accessory and has to be ordered separately using part number HILOOCSENSW • The sensor is only available in a bronze finish

Lens Heat and impact resistant tempered SA6 glass • Gasketed and mechanically secured, not siliconed

Mounting Bracket mounted • Available for new or existing 4", 5" or 6" poles • Order arm separately

Finish Polyester powder coat • Bronze, black, white

Lampholder Specification grade porcelain • Mogul base • Plated brass contacts

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Ordering Information Example: **AA875PS-QT-S5 c/w AA-8-AM4S-BZ**

Series	Lamp (Wattage/Type)	Ballast	Distribution	Color	Mounting	Options
AA	875PS	-QT	-S5			

AA Aries II

Lamp (Wattage/Type)
- ● **Pulse Start Metal Halide†**
  - Ⓔ { **400PS, 450PS** ED37
  - **750PS, 875PS, 1000PS** BT37
- **Probe Start Metal Halide†**
  - § { **400MH** ED37
  - **1000MH** BT56
- ● **High Pressure Sodium**
  - **400HP** ED18
  - **750HP** ED37

Ballast
- **H.I.D. - Magnetic**
- **- QT‡** Quad Tap 120V, 208V, 240V, 277V
- **- TT** Tri Tap 120V, 277V, 347V
- **- 480‡** 480V

Distribution
- **- S5** IES Type V
- **- SS** Square
- **- SA** Asymmetric
- **- SF** Forward Throw

Color
- **No Suffix** Bronze
- **- BL** Black
- **- WH** White

Mounting
Order Mounting Arm Separately
See Accessories

Options
Options See below

Aries II Rotatable Optics
Optics are field rotatable

Options Factory installed, add suffix to catalog number

Description	Suffix
Lamp Clear HID lamp	**- L**
Coated HID lamp	**- CL**
Quartz Auxiliary Replace voltage suffix "-QT" & "-TT" with line voltage	
Cold Start/Hot Restrike with delay	**- Q**
Hot Restrike only	**- HQ**
Photocontrol Replace voltage suffix "-QT" & "-TT" with line voltage	**- PC**
Photocontrol Receptacle Specify voltage, receptacle only, photocontrol supplied by others	**- PCR**
Fuse Holder Supplied with fuse Replace voltage suffix "-QT" & "-TT" with line voltage	
Single pole - Line to neutral	**- F1**
Two pole - Line to line	**- F2**
Hi/Lo HID controller Switches light output between High and Low light setting. Requires accessory motion sensor HILOOCSENSW	**- HL**

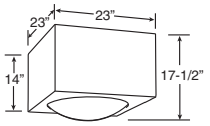
Accessories (Ordered and shipped separately)

Description	Catalog #
Square Pole Bracket Mounts on 4", 5" or 6" Pole Bronze - change "-BZ" to "-BL" black o "-WH" white	
1 or 2 luminaires @ 180° - 8" Arm	**AA-8-AM4S-BZ**
2, 3 or 4 luminaires @ 90° - 14" Arm	**AA-14-AM4S-BZ**
Round Pole Bracket Mounts on 4", 5" or 6" Pole Bronze - change "-BZ" to "-BL" black o "-WH" white	
1 or 2 luminaires @ 180° - 8" Arm	**AA-8-AM4R-BZ**
2, 3 or 4 luminaires @ 90° - 14" Arm	**AA-14-AM4R-BZ**
House Side Shield External shield for IES Type V. Not available with forward throw, square or asymmetric distributions	**AAHSS**
Pole Mounted IR Motion Sensor Switches the fixture between High and Low light settings. Requires fixture with "HL" option	**HILOOCSENSW**

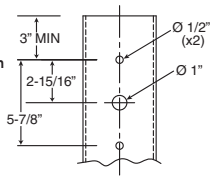
Dimensions

With SAG Glass Lens

EPA: Luminaire 2.88 ft²
8" arm - 0.47 ft²,
14" arm - 0.81 ft²
(Includes 1.2 drag factor)
Weight: 400W - 54 lbs.
1000W - 61 lbs.



Pole Drilling Pattern
4", 5" or 6" pole
for "bolt-on" brackets



† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 400W - 450W meet Energy Independence & Security Act (EISA) requirements.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States.**

●Fixtures are ENERGY EFFICIENT

Description

Engineered to provide a rugged, high performance luminaire that is both attractive and affordable. The Quasar™ luminaire provides the light control demanded by the specifier, while offering the end user reliability and long term economy. The Quasar™ luminaire is ideal for installation in a wide variety of facilities ranging from large shopping malls to small plazas; business parks, commercial complexes and office buildings; college and university campuses; and high or low rise apartment buildings.

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

Features

"Dark Sky" Full Cut-Off Listed with the International Dark Sky Association as a full cut-off luminaire

Optics High-performance, segmented reflector • IES Type II, III, IV and forward throw distributions • Clear flat tempered glass lens

Construction One piece die cast aluminum housing • Permanently attached hinged door is secured with 4 bolts for maximum weather-proof integrity • Gasketed lens

Mounting Square pole bracket and slipfitter

Finish Baked polyester powder coat

Lampholder Specification grade porcelain, mogul base

Ballasts Cool operating, the ballast is mounted directly to the cast housing for maximum heat dissipation • HPF ballasts are suitable for low temperature starting • Probe Start MH -30° C, Pulse Start MH -40° C, HPS -40° C

Ordering Information Example: CSB4-400PS-QT-SF-L

Series	Lamp (Watts/Type)	Volts	Mounting	Options
CSB4	400PS	QT	-SF	-L

Medium Housing
Max 400W
CSB2- IES Type II
CSB3- IES Type III
CSB4- IES Type IV
FT- Forward Throw

Large Housing
875W - 1000W
CSB3- IES Type III
FT- Forward Throw

Pulse Start Metal Halide†
70PS, 100PS, 150PS ED28
Ⓔ **200PS, 250PS** ED28
320PS, 350PS, 400PS ED28
875PS, 1000PS BT37

Probe Start Metal Halide†
§ **175MH, 250MH, 400MH** ED28
1000MH BT56

High Pressure Sodium
150HP ED23.5
250HP, 400HP ED28
1000HP E25

Magnetic
- QT Quad Tap
120V, 208V, 240V, 277V
- TT Tri Tap
120V, 277V, 347V
- 480 480V

Square pole bracket
Max 400W
No suffix Included
875-1000W
Order Separately
See Accessories below

Round pole bracket
- R Fits 3"-3.5" Poles
- R4 Fits 4"-5" Poles

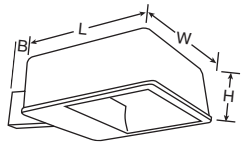
-Slipfitter
- SF 2" IPS (2-3/8" OD)

Options
See below

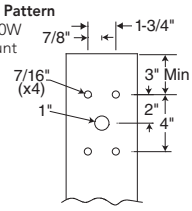
Accessories
See below

Dimensions

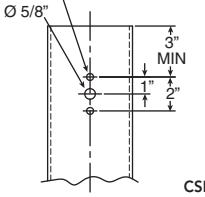
	EPA	L	W	H	Weight
Fixture 70W - 400W	1.28 ft²	16 3/8"	16 3/8"	7 3/8"	36 lb.
Fixture 875W - 1000W	2.70 ft²	23 3/4"	23 3/4"	10 1/4"	77 1/2 lb.
Arm	0.2 ft²				

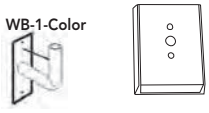


Pole Drilling Pattern
875W & 1000W bracket mount



Pole Drilling Pattern
70W - 400W bracket mount
Thru holes for 3/8" bolts





† **Metal Halide:**
EISA - Pulse Start MH: 200W - 400W meets Energy Independence & Security Act (EISA) requirements.

§ **Not for use in the United States.**

● Fixtures are **ENERGY EFFICIENT**.

Options (Factory installed, add suffix to catalog number)

Description	Suffix
Lamp With clear lamp	**- L**
Quartz Auxiliary Replace voltage suffix "-QT" & "-TT" with line voltage	**- Q**
Photocontrol Max 347V Replace voltage suffix "-QT" & "-TT" with line voltage	**- PC**
Photocontrol Receptacle Specify voltage, receptacle only, photocontrol supplied by others	**- PCR**
Fuse Holder Supplied with fuse Replace voltage suffix "-QT" & "-TT" with line voltage Single pole - Line to neutral Two pole - Line to line	 **- F1** **- F2**
Hi/Lo HID Controller Switches light output between High and Low light setting. Requires accessory motion sensor HILOOCSENSW	**- HL**
Color Bronze (Standard - add suffix to Accessories) Black White	**- BZ** **- BL** **- WH**
Designer Colors	Consult Factory

Accessories (Ordered and shipped separately)

Description	Catalog #
Mounting Arm 1000W, IES Type III 1000W, Forward Throw	**CSB3-1000AM-color** **FT-1000AM-color**
Vandal Shield Max 400W Models 1000W Models	**CSB-LS400** **CSB-LS1000**
Wall Mounting Brackets Slipfitter mounting, 2" IPS (2 3/8" OD) For bracket mounted luminaires, Max 400W	 **WB-1-color** **CSB-WB-color**
Pole Mounted IR Motion Sensor Switches the fixture between High and Low light settings. Requires fixture with "HL" option	**HILOOCSENSW**
House Side Shield 400W 1000W	**CSB-HSS400** **CSB-HSS1000**

Description

The durable Titan™ luminaire is designed for use in low mounting height situations with a high risk of vandalism. This luminaire can be pole mounted or ceiling mounted providing continuity of appearance throughout covered or uncovered parking areas. Offering effective luminaire performance, an attractive appearance and vandal resistance, the Titan™ luminaire meets and exceeds the strictest parking garage safety standards.

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

Features

Optics Standard polycarbonate • Optional acrylic lens • Internal prisms stay cleaner for better maintained light levels

Vertical Metal Halide Lamp Base up metal halide lamps give 10% to 20% more light than fixtures with horizontal metal halide lamps • Base up metal halide lamp life is up to 25% longer than the same lamp mounted horizontally

Construction Heavy wall die cast aluminum housing

Mounting Pole mounting • Four plugged 1/2" entries for feed-thru or "T" wiring • Provision for outlet box mounting

Finish Bronze polyester powder coat finish

Lampholder Specification grade porcelain, medium base

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Ordering Information Example: **CPL150PS-QT-L**

Series	Lamp (Watts/Type)	Volts	Mounting	Options
CPL	150PS	-QT	-	-L

CPL

Lamp (Watts/Type)

● **Pulse Start Metal Halide†**
50PS, 70PS, 100PS, 150PS ED17
§ { **175PS** ED17
Probe Start Metal Halide†
§ { **175MH** BD17

● **High Pressure Sodium**
35HP, 50HP, 70HP B17
100HP, 150HP B17

Volts

Magnetic
35W & 50W HPS lamps
- 120 - 120V
- 277 - 227V
- 347 - 347V

50W - 175W MH / 70W - 150W HPS
- QT ‡ - Quad Tap
120V, 208V, 240V, 277V

- TT - Tri Tap
120V, 277V, 347V

- 480 - 480V

Mounting

Pole Mount
-PM With pole mount arm

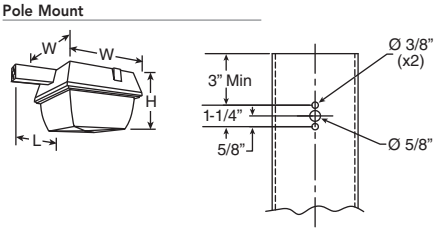
Ceiling & Rigid Pendant
No Suffix - See Parking Garage and Canopy section

Options
Options
See below

Dimensions

	W	H	L	L1	L2	Weight
CPL Series	12 3/8"	8 5/8"	6"	20"	9 1/2"	16 lb.

Pole Mount



Options (Factory installed, add suffix to catalog number)

Description	Suffix
Lamp Clear Lamp	**- L**
Quartz Auxiliary with delay Double contact bayonet base Quartz lamp not included	**- Q**
Fuse Holder Supplied with fuse Single pole - Line to neutral	**- F1**
Tamper Resistant	**- TP**
Acrylic Refractor	**- AC**
Color Bronze	Standard
White	**- WH**
Black	**- BL**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 175W meets Energy Independence & Security Act (EISA) requirements. 150W wet location luminaires are EISA exempt.

§ **Not for use in the United States.**

●Fixtures are ENERGY EFFICIENT.

AccuLite™ Area Lighting | Parklume PL7
7" LED Bollards

Description
The PL7 LED bollards are designed with simplicity in mind. An unobtrusive straight cylinder design with a flat top and reduced 7" diameter make this bollard especially suited to deliver energy efficient lighting with minimum disruption to the landscape. The LED light source provides exceptionally long life and even illumination.

Features
Optics Vandal resistant clear polycarbonate lens is standard • A top reflector collects the light from the LED source and a lower cone optic spreads the light to the surrounding areas • Anodized reflectors smooth out the light for a pleasant, uniform lighting job

Construction The seven inch Parklume bollards feature an extruded aluminum body with a cast top • Polycarbonate outer lens • Spun aluminum reflectors • Rubber gaskets prevent any water from getting into the electronics compartment • A house side shield accessory can be ordered to eliminate light from one side of the fixture

House Side Shield Optional, 160° house side shield.

Finish Polyester powder coat • Bronze or black.

LED Thermal Management Parklume LED bollards are equipped with an aluminum heat sink that creates a strong bond between the LED array and the top aluminum housing, utilizing the entire mass and surface area of the luminaire as a heat sink. This reduces LED operating temperature and increases LED life.

Electrical The luminaire is equipped with one LED driver with universal 120-277VAC, 60Hz input • Driver operating temperature range is -20˚C (-4˚F) through 50˚C (122˚F) • Total Harmonic Distortion (THD) 20% Max • Power factor > 0.90 at full load, 120VAC.

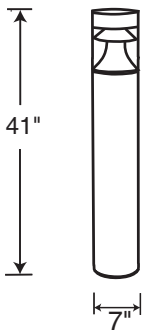
Listing UL1598 and CSA C22.2-250 • Suitable for wet locations.

Lumen Depreciation 50,000 hours L_{70} at 77°F (25°C) ambient.

Ordering Information Example: **PL7-15L-41K-UN-RF-5C-BL-HS**

Series	Lamp/Watts	CCT	Ballast	Model	Optics	Color	Options
PL7	**-15L**	**-41K**	**-UN**	**-RF**	**-5C**	**-BL**	**-HS**
PL7	**-15L** 15W LED **-25L** 25W LED	**-41K** 4100K **-35K** 3500K **-3K** 3000K	**-UN** 120-277VAC **-E12** 120VAC **-E27** 277VAC (E12 and E27 are for F1 option only)	**-RF** Flat top with clear lens	**-5C** Type V cone reflector	**-BZ** Bronze **-BL** Black	**-HS** House side shield **-F1** Fuse (must specify voltage)

Dimensions



Electrical Data

	25L		15L	
	120V	**277V**	**120V**	**277V**
Input Power	25W	25W	14.2W	14.2W
Input Current - Max	0.21A	0.11A	0.128A	0.069A
Frequency	50/60Hz	50/60Hz	60Hz	60Hz
Minimum Starting Temperature	-30˚C (-22˚F)	-30˚C (-22˚F)	-20˚C (-4˚F)	-20˚C (-4˚F)

LED Data

Ordering Code	System Watts	CCT	CRI	Luminaire Initial Absolute Lumens
25L	25	4100K	85 Typical	1,047

Flat-Top
with Louver

Round Dome
with Conical Reflector

Description

Traditional Styling, Parklume™ PL7 Dome and Flat-Top styles are designed with simplicity in mind. An unobtrusive straight cylinder design combined with a reduced 7" diameter make these bollards especially suited to deliver value lighting with minimum disruption to the landscape.

Listing UL1598/CSA C22.2 No 250 • Suitable for wet locations

Features

Optics Vandal resistant clear polycarbonate lens is standard • Louvers or conical reflectors are available on all seven inch bollards • Louvers are designed to shield the lamp while allowing maximum luminaire spacing and ensuring a pleasant glare free environment

Construction Seven inch Parklume™ bollards feature an extruded aluminum body, cast aluminum top and cast aluminum mounting plate

House Side Shield 160° internal house side shield • Optional

Finish Polyester powder coat • Bronze or black

Pulse Start Metal Halide Pulse Start provides longer lamp life, more lumens per watt, better lumen maintenance, superior color rendering, faster lamp warm up and faster hot restrike

Emergency Lighting When supplied with the optional emergency ballast for compact fluorescent lamps, PL7 Series bollards become an emergency light designed to assist in the safe evacuation away from buildings

Lampholder HID - specification grade porcelain, medium base • CFL - specification grade 4 pin, GX24Q base

HPF Ballasts Low temperature starting • Pulse Start MH -40°C, HPS -40°C, CFL -18°C

Ordering Information Example: **PL7-100PS-QT-RD-5C-BZ-L**

Series	Lamp (Watts/Type)	Ballast	Model	Optics	Color	Options
PL7-	100PS	-QT	-RD	-5C	-BZ	-L

PL7- Straight Cylinder Bollard

Pulse Start Metal Halide
ED17 - Medium Base
50PS, 70PS, 100PS
High Pressure Sodium
E17 - Medium Base
35HP, 50HP, 70HP, 100HP
Compact Fluorescent
GX24Q Base
42CF 42W

Magnetic Ballast
35W & 50W HPS lamps
- 120 120V, **- 277** 277V, **- 347** 347V
50W thru 100W PS
70W thru 100W HPS
- QT‡ Quad Tap
120V, 208V, 240V, 277V
- TT - Tri Tap - 120V, 277V, 347V
100W lamps
- 480‡ 480V
Electronic Ballast
Compact Fluorescent
- UN 120V/277V,
- E12 120V, **- E27** 277V,
- E34 347V

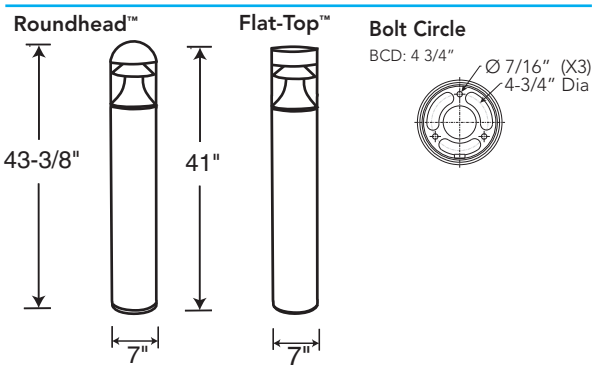
-RD Round dome with clear lens
-RF Flat top with clear lens

Conical Reflector
-5C Type V
Louver
-5L Type V

- BZ Bronze
- BL Black

See below

Dimensions



Options (Factory installed, add suffix to catalog number)

Description	Suffix
Lamp Clear HID Lamp CFL by others	**- L**
House Side Shield Internal	**-HS**
Emergency CFL Ballast 120V or 277V Replace voltage suffix "-UN" with line voltage suffix (-E12 or -E27)	
Minimum 0°C (-18°F)	**-EMB**
Minimum -20°C (0°F)	**-EMX**
Fuse Holder Supplied with fuse, replace "-UN", "-QT" and "-TT" with line voltage	
Single pole - Line to neutral	**- F1**
Two pole - Line to line	**- F2**

Chaplin™

Cromwell™

Description

The PL8 Cromwell and Chaplin styles are AccuLite's most stylish, yet toughest bollards. These 8" diameter fixtures are built to endure the most challenging abuse that people and weather conditions can throw at them. The Cromwell has a round dome style top, and the Chaplin has an elegant "top hat" design. Parklume™ bollards offer the specifier uniform illumination and superior spacings in two attractive styles.

Features

Two Attractive Styles With the choice of designer colors and two distinct styles, there is a Parklume™ bollard to enhance all outdoor settings

Optics Chaplin™ features a polycarbonate top lens with cone reflector • Cromwell™ models feature a polycarbonate top lens with louver

Construction Extruded aluminum body • Heavy wall fluted body offers an attractive profile with added strength • Cast aluminum base plate and top housing

Lens Vandal resistant polycarbonate lens is standard • Chaplin™ is etched lens, Cromwell™ is clear.

Louver Cromwell™ models, supplied with a louver, provide excellent lamp concealment • Parklume™ louvers are designed to shield the lamp while allowing maximum luminaire spacing and ensure a pleasant glare free environment

Anchor Bolts Three heavy duty anchor bolts

Finish Polyester powder coat finish • Designer colors are available

Lampholder Specification grade porcelain, medium base

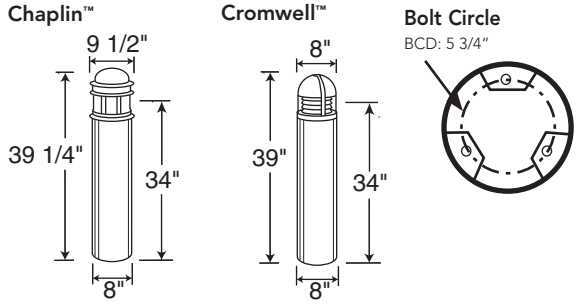
HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 No 250 • Suitable for wet locations

Ordering Information Example: **PL8-100PS-QT-RTH-BL-L**

Series	Lamp (Watts/Type)	Ballast	Model	Color	Options
PL8-	**100PS**	**-QT**	**-RTH**	**BL**	**-L**
PL8- Fluted Bollard	**Pulse Start Metal Halide** ED17 - Medium Base **50PS, 70PS, 100PS** **High Pressure Sodium** E17 - Medium Base **35HP, 50HP, 70HP, 100HP, 150HP**	**Magnetic Ballast** 35W & 50W HPS lamps **- 120** 120V, **- 277** 277V, **- 347** 347V 50W thru 100PS, 175W MH, 70W thru 150W HPS **- QT**‡ Quad Tap 120V, 208V, 240V, 277V **- TT** Tri Tap 120V, 277V, 347V 100W thru 175W lamps **- 480**‡ 480V	**- RTH** - Chaplin™ Frosted Lens **- RD** - Cromwell™ With louver	**- BZ** Bronze **- BL** Black **Designer Colors** Consult Factory	See below

Dimensions



Options Factory installed, add suffix to catalog number

Description	Suffix
Lamp	
Clear Lamp	**- L**

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

Description

The Aberdeen™ ASA1 Series luminaires offer beauty and scale to any commercial, retail or residential development. With state of the art optical technology and nostalgic styling, the Aberdeen™ luminaire is perfect for applications where nighttime activity and pedestrian traffic meet. Combined with AccuLite's collection of decorative poles, Aberdeen™ luminaires make an attractive finishing touch to any project, whether a new development or an upgrade to historic sections of the city.

Features

Optics Prismatic acrylic globe • Prismatic polycarbonate globe • IES Types III and V distribution • Internal aluminum top reflector to minimize uplight is optional

Construction Heavy duty cast aluminum ballast housing • Exposed hardware is stainless steel • Base down, mogul base lamp

Mounting Tenon • Fits 2 1/2" (2 7/8" OD) x 3" tenon • Wall bracket

Finish Polyester powder coat • Black, bronze and white are standard • Designer colors are available

Lampholder Specification grade porcelain

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

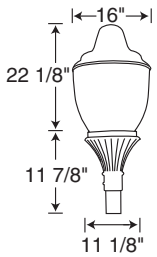
Listing UL1598/CSA C22.2 No 250 • Suitable for wet locations

Ordering Information Example: **ASA1-250PS-QT-AN5-BL-L-TR**

Series	Lamp (Watts/Type)	Volts	Reflector	Color	Options
ASA1 -	**- 250PS**	**- QT**	**- AN5**	**- BL**	**- L - TR**
ASA1- 2 1/2" IPS (2 7/8" OD)	● **Pulse Start Metal Halide** Mogul base - ED28 **100PS, 150PS** Ⓔ { **200PS, 250PS** **Probe Start Metal Halide** Mogul base - ED28 § { **175MH, 250MH** ● **High Pressure Sodium** Mogul base **70HP, 100HP, 150HP** - ED23.5 **250HP** - ED18	**Magnetic** **- QT**‡ Quad Tap 120V, 208V, 240V, 277V **- TT** Tri Tap 120V, 277V, 347V	**Acrylic** **- AN3** ES Type III **- AN5** IES Type V **Polycarbonate** **- PN3** IES Type III **- PN5** IES Type V	**- WH** White **- BZ** Bronze **- BL** Black **Designer Colors** Consult Factory	**Options** See below

Dimensions

Tenon: 2 1/2" (2 7/8" OD)
EPA : 1.76 ft²



Options (Options are factory installed)

Description	Suffix
Lamp Clear	**- L**
Internal Top Reflector	**- TR**
Photocontrol Replace voltage suffix "-QT" & "-TT" with line voltage	**- PC**
Finial Black finish	**- FB**
Fusing 120V, 277V, 347V	**- F1**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 200W & 250W meet Energy Independence & Security Act (EISA) requirements. 150W wet location luminaires are EISA exempt

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States.**

● Fixtures are **ENERGY EFFICIENT**.

Description

The Aberdeen™ luminaire's choice of three optical styles, each with two sizes, offers beauty and scale to any upscale commercial, retail or residential development. When combined with AccuLite's collection of decorative poles, Aberdeen™ luminaires make an attractive finishing touch to any project, whether a new development or an upgrade to historic sections of the city.

Features

Optics Polycarbonate globe • IES Type V distribution • Optional internal glass refractor - IES Types III and V • Optional internal louver

Construction Heavy duty cast aluminum ballast housing • Exposed hardware is stainless steel • Base down, mogul base lamp

Mounting Tenon • Fits 2 1/2" (2 7/8" OD) x 3" tenon • Wall bracket

Finish Polyester powder coat • Black, bronze and white are standard • Designer colors are available

Lampholder Specification grade porcelain

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

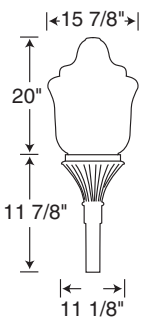
Listing UL1598/CSA C22.2 No 250 • Suitable for wet locations

Ordering Information Example: **ASA2-150PS-QT-GR3-BL-L**

Series	Lamp (Watts/Type)	Volts	Reflector	Color	Options
ASA2 -	**- 150PS**	**- QT**	**- GR3**	**- BL**	**- L**
ASA2- 2 1/2" IPS (2 7/8" OD)	● **Pulse Start Metal Halide** Mogul base - ED28 **100PS, 150PS** **Probe Start Metal Halide** Mogul base - ED28 § {**175MH** ● **High Pressure Sodium** Mogul base **70HP, 100HP, 150HP** - ED23.5	**Magnetic** **- QT**‡ Quad Tap 120V, 208V, 240V, 277V **- TT** Tri Tap 120V, 277V, 347V	**Polycarbonate** **No suffix** IES Type V **Internal Glass Refractor** **- GR3** IES Type III **- GR5** IES Type V **Internal Louver*** **- LV** IES Type V	**- WH** White **- BZ** Bronze **- BL** Black **Designer Colors** Consult Factory	**Options** See below

Dimensions

Tenon: 2 1/2" (2 7/8" OD)
EPA : 1.7 ft²



† **Metal Halide:**
EISA - Pulse Start MH: 150W wet location luminaires are Energy Independence & Security Act (EISA) exempt.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

Options (Factory installed, add suffix to catalog number)

Description	Suffix
Lamp Clear	**- L**
Photocontrol Replace voltage suffix "-QT" & "-TT" with line voltage	**- PC**
Finial Black finish	**- FB**
Fusing 120V, 277V, 347V	**- F1**

Description

The Aberdeen™ luminaire's choice of three optical styles, each with two sizes, offers beauty and scale to any upscale commercial, retail or residential development. When combined with AccuLite's collection of decorative poles, Aberdeen™ luminaires make an attractive finishing touch to any project, whether a new development or an upgrade to historic sections of the city.

Features

Optics Polycarbonate globe • IES Type V distribution • Optional internal glass refractor - IES Types III and V • Optional internal louver

Construction Heavy duty cast aluminum ballast housing • Exposed hardware is stainless steel • Base down, mogul base lamp

Mounting Tenon • Fits 2 1/2" (2 7/8" OD) x 3" tenon • Wall bracket

Finish Polyester powder coat • Black, bronze and white are standard • Designer colors are available

Lampholder Specification grade porcelain

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

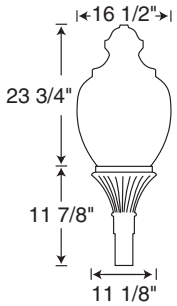
Listing UL1598/CSA C22.2 No 250 • Suitable for wet locations

Ordering Information Example: **ASA3-250PS-QT-GR3-BL-L**

Series	Lamp (Watts/Type)	Volts	Reflector	Color	Options
ASA3 -	**- 250PS**	**- QT**	**- GR3**	**- BL**	**- L**
ASA3- 2 1/2" IPS (2 7/8" OD)	● **Pulse Start Metal Halide** Mogul base - ED28 **100PS, 150PS** Ⓔ {**200PS, 250PS** **Probe Start Metal Halide** Mogul base - ED28 § {**175MH, 250MH** ● **High Pressure Sodium** Mogul base **70HP, 100HP, 150HP** - ED23.5 **250HP** - ED18	**Magnetic** **- QT**‡ Quad Tap 120V, 208V, 240V, 277V **- TT** Tri Tap 120V, 277V, 347V	**Polycarbonate** **No suffix** IES Type V **Internal Glass Refractor** **- GR3** IES Type III **- GR5** IES Type V **Internal Louver*** **- LV** IES Type V	**- WH** White **- BZ** Bronze **- BL** Black **Designer Colors** Consult Factory	**Options** See below

Dimensions

Tenon: 2 1/2" (2 7/8" OD)
EPA : 1.9 ft²



Options (Factory installed, add suffix to catalog number)

Description	Suffix
Lamp Clear	**- L**
Photocontrol Replace voltage suffix "-QT" & "-TT" with line voltage	**- PC**
Finial Black finish	**- FB**
Fusing 120V, 277V, 347V	**- F1**

† **Metal Halide:**
Ⓔ EISA - Pulse Start MH: 200W & 250W meet Energy Independence & Security Act (EISA) requirements. 150W wet location luminaires are EISA exempt

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States.**

●Fixtures are ENERGY EFFICIENT.

Description

The Main Street™ luminaire offers a classic dome style for designers of upscale commercial, retail or residential developments. When combined with AccuLite's collection of decorative poles, Main Street™ luminaires make an attractive finishing touch to any project, whether a new development or an upgrade to historic sections of the city.

Features

Optics Clear acrylic cylindrical lens • Must be ordered with either specular internal louver or glass refractor – see options • Standard distribution with louver is IES Type V. Optional internal glass refractor is available for IES Types III and V distribution

Mounting Tenon • Fits 2" (2 3/8" OD) x 3" tenon • Wall Bracket

Construction Spun aluminum reflector • Heavy duty cast aluminum top and ballast housing • Stainless steel connecting rods • Fully gasketed • Base down, medium base lamp

Finish Polyester powder coat • Black, bronze and white are standard • Designer colors are available

Lampholder Specification grade porcelain

HPF Ballasts Low temperature starting • Probe start MH -30°C, Pulse Start MH -40°C, HPS -40°C

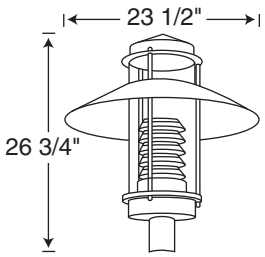
Listing UL1598/CSA C22.2 No 250

Ordering Information Example: **ASM1-150PS-QT-GR3-BL-L**

Series	Lamp (Watts/Type)	Volts	Reflector	Color	Options
ASM1 -	**- 150PS**	**- QT**	**- GR3**	**- BL**	**- L**
ASM1- 2" IPS (2 3/8" OD)	● **Pulse Start Metal Halide** Medium base - ED17 **70PS, 100PS, 150PS** **Probe Start Metal Halide** Medium base - E17 § { **175MH** ● **High Pressure Sodium** Medium base **70HP, 100HP, 150HP** - BD17	**Magnetic** **- QT**‡ Quad Tap 120V, 208V, 240V, 277V **- TT** Tri Tap 120V, 277V, 347V	**Internal Louver** **- LV** IES Type V **Internal Glass Refractor** **- GR3** IES Type III **- GR5** IES Type V	**- WH** White **- BZ** Bronze **- BL** Black **Designer Colors** Consult Factory	**Options** See below

Dimensions

Tenon: 2" (2 3/8" OD)
EPA : 2.5 ft²



Options (Factory installed, add suffix to catalog number)

Description	Suffix
Lamp Clear	**- L**
Photocontrol Replace voltage suffix "-QT" & "-TT" with line voltage	**- PC**

† **Metal Halide:**
EISA - Pulse Start MH: 150W wet location luminaires are Energy Independence & Security Act (EISA) exempt.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix "-LSP."

§ **Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

Alma II Dundee II Elora II Laurel

Description

Decorative aluminum or steel poles with cast bases in four aesthetically pleasing shaft styles and shapes for the designer to choose from.

Features

Construction Choice of round aluminum or steel pole • Straight smooth shaft • Fluted tapered shaft • Fluted straight shaft • Fluted shafts are spun tapered cold formed providing the appearance of cast poles with the strength of spun poles • After fabrication aluminum assemblies are treated to "T-6" condition for strength and durability • Aluminum shaft poles with mounting heights from 8' through 14' high feature a welded aluminum construction • Concealed welds create aesthetic appeal • Steel shaft poles feature clamshell bases

Anchor Bolts Included

Tenon 2" (2 3/8" OD) x 3" long • 2 1/2" (2 7/8" OD) x 3" long

Finish Polyester powder coat

Ordering Information Example: D-FTA-14-E-25-BL-DUP

Series	Shaft Shape & Pole Material	Height	Base	Tenon	Color	Options
D	FTA	14	E	25	BL	DUP

D Decorative Pole

Round Aluminum
-SSA Smooth Straight
-FSA Fluted Straight
-FTA Fluted Tapered

Round Steel
Alma II & Laurel only
-STS Smooth Tapered
-FTS Fluted Tapered

✔ Available with all base styles
* Available with Alma II, Elora II & Laurel
◊ Available with Elora II
Δ Available with Alma II & Laurel

Suffix	Height	Aluminum "SSA" Shaft	Aluminum "FSA" Shaft	Aluminum "FTA" Shaft	Steel "STS" Shaft	Steel "FTS" Shaft
- 8	8'	✔	✔	✔	–	–
- 10	10'	✔	✔	✔	Δ	–
- 12	12'	✔	✔	✔	Δ	–
- 14	14'	*	*	◊	Δ	–
- 15	15'	–	–	–	–	Δ
- 16	16'	–	–	–	Δ	–
- 18	18'	–	–	–	Δ	–
- 20	20'	–	–	–	Δ	Δ
- 25	25'	–	–	–	Δ	Δ
- 25HD	25'∂	–	–	–	Δ	–

- A Alma II
- D Dundee II
- E Elora II
- L Laurel
See height for availability

- 20
For use with Mainstreet luminaires 2" (2 3/8" OD)

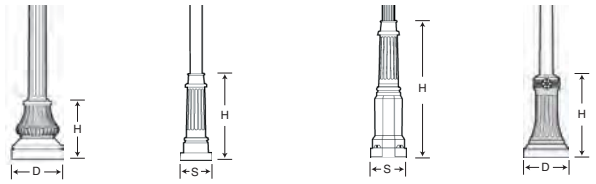
- 25
For use with Aberdeen luminaires 2-1/2" (2 7/8" OD)

- WH White
- BZ Bronze
- BL Black

Designer Colors
Consult Factory

- DUP
Provision for duplex receptacle (indicate location)

Dimensions



	Alma II	Dundee II	Elora I	Laurel
Base				
Aluminum poles	D = 17" H = 21"	S= 11 5/8" H = 31 3/8"	S = 12" H = 46 5/8"	D = 17" H = 32"
Straight Steel Poles	D = 18" H = 21"	– –	– –	D = 17" H = 32"
Tapered Steel Poles	D = 25" H = 37"	– –	– –	D = 24" H = 27"
Anchor Bolts	Internal	External Nut covers supplied	External Nut covers supplied	Internal
Bolt Circle				
Aluminum poles	11.5" +/- 1.5"	12.5" +/-0.5"	13.25" +/-0.5"	11.5" +/-1.5"
Steel Poles	Varies with height - consult factory			

* 14' smooth straight or fluted straight aluminum is available with Alma II, Elora II and Laurel (Dundee II: Max 12')
◊ 14' fluted tapered aluminum is only available with Elora II (Alma II, Laurel and Dundee II: Max 12')
Δ Steel poles: Alma II & Laurel only
∂ Heavy duty pole

Description

Decorative brackets offer aesthetically pleasing styles for the designer. With the choice of tenons, the appearance and appeal of the streetscape can be greatly enhanced with any AccuLite Aberdeen™ or Main Street™ decorative luminaire.

Features

Construction Arms are extruded, seamless 6063 alloy aluminum sections • Cast aluminum components • Welded and heat treated to "T6" condition • Removeable center cap for wiring • Wall brackets are welded aluminum tubing • Cast wall plate

Finish Polyester powder coat

Ordering Information - Decorative Arms Example: **DB-SJ-20-A-BL**

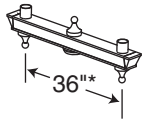
Series	Model	Fixture Tenon	Material	Color
DB	SJ	20	A	BL
DB Decorative Bracket Two luminaire tenon mounted bracket Mounts on 2 1/2" pole tenon	**-SJ** St Jacobs **-RS** Riverside **-WL** Woodland	**Main Street** **- 20** 2" tenon (2 3/8" OD) **Aberdeen** **-25** 2-1/2" tenon (2 7/8" OD)	**-A** Aluminum	**Standard Colors** **- BL** Black **- BZ** Dark Bronze **- WH** White **Designer Colors** Consult Factory

Ordering Information - Wall Bracket Example: **DB-WB1-20-WH**

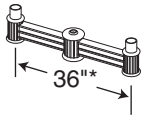
Series	Function	Fixture Tenon	Color
DB	WB1	20	WH
DB Decorative Bracket Single luminaire wall mounted bracket	**-WB1** Wall bracket	**Main Street** **- 20** 2" tenon (2 3/8" OD) **Aberdeen** **-25** 2-1/2" tenon (2 7/8" OD)	**Standard Colors** **- BL** Black **- BZ** Dark Bronze **- WH** White **Designer Colors** Consult Factory

Dimensions

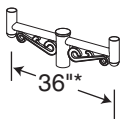
Riverside



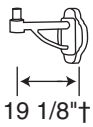
St Jacobs



Woodland



Wall



* Distance between tenons

† Extension from the wall

Shaft Pole shafts are supplied in 11 gauge or 7 gauge thickness having a minimum yield strength of 55,000 psi and conforms to ASTM A595 Grade A • Shafts are of one piece construction with a full length longitudinal high frequency electric resistance weld • Shafts are uniformly square in cross section with flat sides, rounded corners (0.75" radius per corner) and no taper

Hand Hole Reinforcing hand hole rim welded into the pole shaft • Rectangular shaped tubing or oval shaped pipe • Hand holes are furnished with attachment bar, cover and screws • Hand holes, located 18" above the base

Electrical Ground A nut holder is provided near the hand hole and includes a 1/2"- 13 UNC hex head bolt and nut

Base Plate Fabricated from structural quality hot rolled carbon steel plate conforming to ASTM A36 • Circumferentially welded top and bottom, the base plate telescopes the pole shaft • The pole chart information lists the bolt circle ranges for each pole

Anchor Bolts Fabricated from carbon steel bar conforming to AASHTO M314 Grade 55 or ASTM F1554 Grade-55 • Bolts have an "L" bend on one end • Bolts are galvanized a minimum of 12" on the threaded end • Four anchor bolts are furnished per pole. Each anchor bolt is furnished with two hex nuts and two flat washers

Ordering Information Example: **SSS4-20-1E2-BZ**

Series	Height Nom.	Fixture Mtg.	Options
SSS4	-20	-1E2	-BZ

Series	Height Nom.	Fixture Mtg.	Options
SSS4	- 10	- * See below	Color†
	- 12		- BZ Bronze
	- 14		- WH White
	- 16		- BL Black
	- 18		- DUP Provision for duplex receptacle
	- 20		- LAB Less anchor bolts
	- 25		
SSS5	- 20		
	- 25		
	- 30		
SSS6	- 30		
	- 35		
	- 40		

Specifications

Height Nom.	Pole Shaft Base O.D. (in)	Pole Shaft Wall Thick (ga)	Pole Shaft Weight (lbs)	Pole Base Bolt Circle Dia (in)	Pole Base Square (in)	Pole Base Thickness (in)	Anchor Bolts Diameter Length Hook (in)	80 MPH Gust factor = 1.3 Max EPA (ft^2)	80 MPH Gust factor = 1.3 Max Weight (lbs)	90 MPH Gust factor = 1.3 Max EPA (ft^2)	90 MPH Gust factor = 1.3 Max Weight (lbs)	100 MPH Gust factor = 1.3 Max EPA (ft^2)	100 MPH Gust factor = 1.3 Max Weight (lbs)
- 10	4.0	11	75	8.5 ± 0.5	8.25	0.75	.75 X 17 X 3	30.6	765	23.8	595	18.9	473
- 12	4.0	11	90	8.5 ± 0.5	8.25	0.75	.75 X 17 X 3	24.4	610	18.8	470	14.8	370
- 14	4.0	11	100	8.5 ± 0.5	8.25	0.75	.75 X 17 X 3	19.9	498	15.1	378	11.7	293
- 16	4.0	11	115	8.5 ± 0.5	8.25	0.75	.75 X 17 X 3	15.9	398	11.8	295	8.9	223
- 18	4.0	11	125	8.5 ± 0.5	8.25	0.75	.75 X 17 X 3	12.6	315	9.2	230	6.7	168
- 20	4.0	11	140	8.5 ± 0.5	8.25	0.75	.75 X 17 X 3	9.6	240	6.7	167	4.5	150
- 25	4.0	7	245	8.5 ± 0.5	8.25	0.88	.75 X 17 X 3	9.8	246	6.9	173	4.8	120
- 20	5.0	11	185	11.0 ± 1.0	11.00	1.00	.75 X 17 X 3	17.7	443	12.7	343	9.4	235
- 25	5.0	7	360	11.0 ± 1.0	11.00	1.00	.75 X 17 X 3	18.1	454	13.3	333	9.5	238
- 30	5.0	7	380	11.0 ± 1.0	11.00	1.00	.75 X 17 X 3	10.7	267	6.7	167	3.9	100
- 30	6.0	7	520	12.0 ± 1.0	12.50	1.00	1.00 X 36 X 4	19.0	475	13.2	330	9.0	225
- 35	6.0	7	540	12.0 ± 1.0	12.50	1.00	1.00 X 36 X 4	12.4	310	7.6	190	4.2	105
- 40	6.0	7	605	12.0 ± 1.0	12.50	1.00	1.00 X 36 X 4	7.2	180	3.0	75	–	–

Drilling Pattern*

-Luminaires Bolt Directly to the Pole: Includes Top Cap

To order pole drilling add suffix	Alari / Alari+ Areos All Lamps	Aries II All Lamps	Finia Quasar max. 400W	Quasar 875- 1000W	Titan -PM Mount
1 Luminaire	-1E3	1E6	-1E2	-1E175-4	1E125
2 Luminaires	-2C3	2C6	-2C2	- 2C175-4	2C125
	-2L3	2L6	-2L2	- 2L175-4	2L125
3 Luminaires	-3T3	3T6	-3T2	- 3T175-4	3T125
4 Luminaires	-4X3	4X6	-4X2	- 4X175-4	4X125

* See Pole Selection Process section for Pole Selection Process and tenon mounting bracket dimensions
† Designer colors are available - consult factory

Tenon Mounting Brackets*

Slipfitter Mounted Luminaires

Add suffix to order mounting bracket with 2" luminaire tenon

Description		Bracket Suffix
1 Luminaire Luminaire tenon 2" IPS (2 3/8" OD)		- 1U
2 Luminaires Luminaire tenon 2" IPS (2 3/8" OD)		
EPA 1.0 ft^2 - 21 lb.	in line	- 2U
3 Luminaires Luminaire tenon 2" IPS (2 3/8" OD)		
EPA 1.6 ft^2 - 32 lb.	in line	- 3U
EPA 1.3 ft^2 - 34 lb.	@ 120°	- 3Y
4 Luminaires Luminaire tenon 2" IPS (2 3/8" OD)		
EPA 1.6 ft^2 - 44 lb.	@ 90°	- 4X
EPA 2.3 ft^2 - 44 lb.	in line	- 4U

Shaft Pole shafts are supplied in 11 gauge or 7 gauge thickness having a minimum yield strength of 55,000 psi and conform to ASTM A595 Grade A • Shafts are of one piece construction with a full length longitudinal high frequency electric resistance weld • STS Series (square tapered) pole shafts are square in cross section with flat sides, rounded corners (0.75" radius per corner) and a uniform taper of 0.11 inches per foot of length

Hand Hole Reinforcing hand hole rim welded into the pole shaft • Rectangular shaped tubing or oval shaped pipe • Hand holes are furnished with attachment bar, cover and screws • Hand holes, located 18" above the base

Electrical Ground A nut holder is provided near the hand hole and includes a 1/2"- 13 UNC hex head bolt and nut

Base Plate Fabricated from structural quality hot rolled carbon steel plate conforming to ASTM A36 • Circumferentially welded top and bottom, the base plate telescopes the pole shaft • The pole chart information lists the bolt circle ranges for each pole

Anchor Bolts Fabricated from carbon steel bar conforming to AASHTO M314 Grade 55 or ASTM F1554 Grade-55 • Bolts have an "L" bend on one end • Bolts are galvanized a minimum of 12" on the threaded end • Four anchor bolts are furnished per pole. Each anchor bolt is furnished with two hex nuts and two flat washers

Ordering Information Example: **STS-30HD-3T2-BZ**

Series	Height Nom.	Fixture Mtg.	Options
STS	-30HD	-3T2	-BZ

Series	Height Nom.	Fixture Mtg.	Options
STS	**20**‡	- *	Color†
	25‡	See	**- BZ**
	30	Below	Bronze
	35		**- WH**
	39		White
	30HD		**- BL**
	35HD		Black
	39HD		**- DUP**
			Provision for duplex receptacle
			- LAB
			Less anchor bolts

Specifications

Height Nom.	Pole Shaft Base O.D. (in)	Pole Shaft Top O.D. (in)	Pole Shaft Wall Thick (ga)	Pole Shaft Weight (lbs)	Pole Base Bolt Circle Dia (in)	Pole Base Square (in)	Pole Base Thickness (in)	Anchor Bolts Diameter Length Hook (in)	80 MPH Gust factor = 1.3 Max EPA (ft²)	80 MPH Gust factor = 1.3 Max Weight (lbs)	90 MPH Gust factor = 1.3 Max EPA (ft²)	90 MPH Gust factor = 1.3 Max Weight (lbs)	100 MPH Gust factor = 1.3 Max EPA (ft²)	100 MPH Gust factor = 1.3 Max Weight (lbs)
20‡	5.25	3.05	11	155	10.75 ± ∂	10.75	0.75	1.00 X 36 X 4	18.0	452	13.8	345	10.7	268
25‡	6.00	3.25	11	205	12.00 ± ∂	11.50	0.88	1.00 X 36 X 4	16.8	422	12.6	315	9.5	238
30	6.41	3.11	11	260	12.50 ± ∂	11.88	0.88	1.00 X 36 X 4	13.6	340	9.8	245	7.0	175
35	6.81	2.96	11	305	13.00 ± ∂	12.25	0.88	1.00 X 36 X 4	10.7	269	7.3	184	4.8	120
39	7.13	2.87	7	500	13.50 ± ∂	12.63	1.25	1.00 X 36 X 4	19.3	483	14.2	355	10.4	260
30HD	6.41	3.11	7	375	12.50 ± ∂	11.88	1.25	1.00 X 36 X 4	23.6	590	17.9	448	13.7	343
35HD	7.13	3.28	7	475	13.50 ± ∂	12.63	1.25	1.00 X 36 X 4	23.4	585	17.4	435	13.0	325
39HD	8.75	4.49	7	670	15.75 ± ∂	14.25	1.50	1.25 X 42 X 6	26.1	654	20.6	517	16.2	405

Drilling Pattern*

-Luminaires Bolt Directly to the Pole: Includes Top Cap

To order pole drilling add suffix	Alari / Alari+ Areos All Lamps	Aries II All Lamps	Finia Quasar max. 400W	Quasar 875- 1000W	Titan -PM Mount
1 Luminaire	-1E3	1E6	-1E2	-1E175-4	1E125
2 Luminaires	-2C3	2C6	-2C2	- 2C175-4	2C125
	-2L3	2L6	-2L2	- 2L175-4	2L125
3 Luminaires	-3T3	3T6	-3T2	- 3T175-4	3T125
4 Luminaires	-4X3	4X6	-4X2	- 4X175-4	4X125

* See Pole Selection Process section for Pole Selection Process and tenon mounting bracket dimensions
‡ 3" X 5" (nominal) hand hole, all others 4" X 6.5" (nominal)
∂ The pole base plate is provided with bolt holes 1/4" larger than the anchor bolt diameter
† Designer Colors are available - consult factory

Tenon Mounting Brackets*

Slipfitter Mounted Luminaires

Add suffix to order mounting bracket with 2" luminaire tenon

Description		Bracket Suffix
1 Luminaire Luminaire tenon 2" IPS (2 3/8" OD)		**- 1U**
2 Luminaires Luminaire tenon 2" IPS (2 3/8" OD)		
EPA 1.0 ft² - 21 lb.	in line	**- 2U**
3 Luminaires Luminaire tenon 2" IPS (2 3/8" OD)		
EPA 1.6 ft² - 32 lb.	in line	**- 3U**
EPA 1.3 ft² - 34 lb.	@ 120°	**- 3Y**
4 Luminaires Luminaire tenon 2" IPS (2 3/8" OD)		
EPA 1.6 ft² - 44 lb.	@ 90°	**- 4X**
EPA 2.3 ft² - 44 lb.	in line	**- 4U**

Shaft Pole shafts are supplied in 11 gauge or 7 gauge thickness having a minimum yield strength of 55,000 psi and conform to ASTM A595 Grade A • Shafts are of one piece construction with a full length longitudinal high frequency electric resistance weld • RTS Series (round tapered) pole shafts are round in cross section with a uniform taper of 0.14 inches per foot of length

Hand Hole Reinforcing hand hole rim welded into the pole shaft • Rectangular shaped tubing or oval shaped pipe • Hand holes are furnished with attachment bar, cover and screws • Hand holes, located 18" above the base

Electrical Ground A nut holder is provided near the hand hole and includes a 1/2"- 13 UNC hex head bolt and nut

Base Plate Fabricated from structural quality hot rolled carbon steel plate conforming to ASTM A36 • Circumferentially welded top and bottom, the base plate telescopes the pole shaft • The pole chart information lists the bolt circle ranges for each pole

Nut Covers Nut covers are die cast zinc and are fastened to the shaft by 1/4" self tapping screw

Anchor Bolts Fabricated from carbon steel bar conforming to AASHTO M314 Grade 55 or ASTM F1554 Grade-55 • Bolts have an "L" bend on one end • Bolts are galvanized a minimum of 12" on the threaded end • Four anchor bolts are furnished per pole. Each anchor bolt is furnished with two hex nuts and two flat washers

Ordering Information Example: **RTS30HD-2U-BZ**

Series	Height Nom.	Fixture Mtg.	Options
RTS	-30HD	-2U	-BZ

Series	Height Nom.	Fixture Mtg.	Options
RTS	20	- *	Color†
	25	See	**- BZ**
	30	Below	Bronze
	35		**- WH**
	39		White
	45		**- BL**
	50		Black
	25HD		**- DUP**
	30HD		Provision
	35HD		for
	39HD		duplex
	45HD		receptacle
	50HD		**- LAB**
			Less anchor bolts

Specifications

Pole Shaft				Pole Base			Anchor Bolts	80 MPH Gust factor = 1.3		90 MPH Gust factor = 1.3		100 MPH Gust factor = 1.3	
Base O.D. (in)	Top O.D. (in)	Wall Thick (ga)	Weight (lbs)	Bolt Circle Dia (in)	Square (in)	Thickness (in)	Diameter Length Hook (in)	Max EPA (ft^2)	Max Weight (lbs)	Max EPA (ft^2)	Max Weight (lbs)	Max EPA (ft^2)	Max Weight (lbs)
6.5	3.7	11	160	9.5 ± 0.5	10.50	0.88	1.00 X 36 X 4	24.2	605	19.3	482	15.6	390
5.9	2.4	11	155	9.0 ± 0.5	10.00	0.88	1.00 X 36 X 4	12.5	312	9.9	247	8.0	200
8.0	3.8	11	265	11.0 ± 0.5	11.50	0.88	1.00 X 36 X 4	18.9	473	14.9	373	12.0	300
8.5	3.6	11	315	11.5 ± 0.5	12.00	1.00	1.00 X 36 X 4	18.9	472	15.1	377	12.2	305
9.0	3.6	11	355	12.5 ± 0.5	12.38	1.00	1.00 X 36 X 4	17.2	430	13.5	338	10.8	270
10.0	3.7	7	650	13.5 ± 0.5	14.00	1.25	1.25 X 42 X 6	28.5	715	23.0	575	19.0	475
10.0	3.0	11	475	13.5 ± 0.5	14.00	1.00	1.00 X 36 X 4	13.2	330	10.6	265	8.3	208
7.0	3.5	11	200	10.0 ± 0.5	10.88	0.88	1.00 X 36 X 4	20.3	507	16.2	405	13.1	327
8.0	3.8	7	380	11.0 ± 0.5	11.50	1.25	1.25 X 42 X 6	33.5	838	27.0	675	22.0	550
9.5	4.6	11	370	13.0 ± 0.5	13.00	1.00	1.00 X 36 X 4	23.2	580	18.2	455	14.5	363
9.0	3.6	7	515	12.5 ± 0.5	12.38	1.25	1.25 X 42 X 6	28.5	715	23.0	575	19.0	475
11.0	4.7	7	780	15.0 ± 0.5	16.50	1.50	1.25 X 42 X 6	35.7	893	28.0	700	22.3	558
11.0	4.0	7	812	15.0 ± 0.5	16.50	1.50	1.25 X 42 X 6	29.9	748	23.5	588	18.6	465

Drilling Pattern*

-Luminaires Bolt Directly to the Pole: Includes Top Cap

To order pole drilling add suffix	Alari / Alari+ Areos All Lamps	Aries II All Lamps	Finia Quasar max. 400W	Quasar 875- 1000W	Titan -PM Mount
1 Luminaire	-1E3	1E6	-1E2	-1E175-4	1E125
2 Luminaires	-2C3	2C6	-2C2	- 2C175-4	2C125
	-2L3	2L6	-2L2	- 2L175-4	2L125
3 Luminaires	-3T3	3T6	-3T2	- 3T175-4	3T125
4 Luminaires	-4X3	4X6	-4X2	- 4X175-4	4X125

* See Pole Seclection Process section for Pole Selection Process and tenon mounting bracket dimensions

† Designer colors are available - consult factory

Tenon Mounting Brackets*

Slipfitter Mounted Luminaires

Add suffix to order mounting bracket with 2" luminaire tenon

Description		Bracket Suffix
1 Luminaire Luminaire tenon 2" IPS (2 3/8" OD)		**- 1U**
2 Luminaires Luminaire tenon 2" IPS (2 3/8" OD)		
EPA 1.0 ft^2 - 21 lb.	in line	**- 2U**
3 Luminaires Luminaire tenon 2" IPS (2 3/8" OD)		
EPA 1.6 ft^2 - 32 lb.	in line	**- 3U**
EPA 1.3 ft^2 - 34 lb.	@ 120°	**- 3Y**
4 Luminaires Luminaire tenon 2" IPS (2 3/8" OD)		
EPA 1.6 ft^2 - 44 lb.	@ 90°	**- 4X**
EPA 2.3 ft^2 - 44 lb.	in line	**- 4U**

Pole Shaft Series SSA pole shafts are constructed of seamless extruded tube of 6063 aluminum alloy per ASTM B221 • They are full-length heat treated after welding on the base flange to T-6 temper. The shaft shall be free of longitudinal welds

Hand Hole 4" and 5" poles have a 2" X 4" hand hole • 6" and 6.625" poles have a 3" X 5" hand hole • The aluminum cover is secured with two stainless steel screws

Electrical Ground An internal ground lug with a 3/8" hole is provided opposite the hand hole

Base Plate One piece cast socket of aluminum alloy 356 per ASTM B26 or B108 • The base flange shall be joined to the pole shaft by complete circumferential welds, externally at the top of the flange and internally at the bottom of the shaft tube

Anchor Bolts Fabricated from carbon steel bar conforming to AASHTO M314-90 • Bolts have an "L" bend on one end • The threaded ends of the anchor bolts are galvanized per ASTM A153 • Each anchor bolt is furnished with one hex nut and one flat washer also galvanized per ASTM A153

Ordering Information Example: **SSAV4-20-1E2-BZ**

Series	Height Nom.	Fixture Mtg.	Options
SSAV4	-20	-1E2	-BZ

Series	Height Nom.	Fixture Mtg.	Options
SSAV4	-10	- * See below	Color†
	-12		- BZ Bronze
	-14		- WH White
	-16		- BL Black
SSAV5	-18		- DUP Provision for duplex receptacle
	-20		- LAB Less anchor bolts
SSAV6	-25		
	-30		

Specifications

Pole Shaft			Pole Base			Anchor Bolts	80 MPH Gust factor = 1.3		90 MPH Gust factor = 1.3		100 MPH Gust factor = 1.3	
Base O.D. (in)	Wall Thick (in)	Weight (lbs)	Bolt Circle Dia (in)	Square (in)	Thickness (in)	Diameter Length (in)	Max EPA (ft^2)	Max Weight (lbs)	Max EPA (ft^2)	Max Weight (lbs)	Max EPA (ft^2)	Max Weight (lbs)
4.000	0.125	39	8.5-9.625	9.9375	2.00	.75 X 17	15.2	260	11.4	260	8.8	260
4.000	0.125	43	8.5-9.625	9.9375	2.00	.75 X 17	11.5	260	8.5	260	6.3	260
4.000	0.125	48	8.5-9.625	9.9375	2.00	.75 X 17	9.0	200	6.4	200	4.5	200
4.000	0.188	61	8.5-9.625	9.9375	2.00	.75 X 17	9.4	200	6.7	200	4.7	200
5.000	0.188	87	10.5-11.5	11.5625	2.50	.75 X 17	13.5	260	9.6	260	6.8	260
5.000	0.188	96	10.5-11.5	11.5625	2.50	.75 X 17	11.2	150	7.6	150	5.0	150
6.000	0.250	219	12-13	12.75	2.75	1 X 36	16.5	260	11.2	260	7.3	260
6.000	0.250	253	12-13	12.75	2.75	1 X 36	9.0	260	5.0	260	2.0	260

Drilling Pattern*

-Luminaires Bolt Directly to the Pole: Includes Top Cap

To order pole drilling add suffix	Alari Alari+ All Lamps	Aries II All Lamps	Quasar max. 400W	Quasar 875- 1000W	Titan -PM Mount
1 Luminaire	-1E3	1E6	-1E2	-1E175-4	1E125
2 Luminaires	-2C3	2C6	-2C2	- 2C175-4	2C125
	-2L3	2L6	-2L2	- 2L175-4	2L125
3 Luminaires	-3T3	3T6	-3T2	- 3T175-4	3T125
4 Luminaires	-4X3	4X6	-4X2	- 4X175-4	4X125

Tenon Mounting Brackets*

Slipfitter Mounted Luminaires

Add suffix to order mounting bracket with 2" luminaire tenon

Description		Bracket Suffix
1 Luminaire Luminaire tenon 2" IPS (2 3/8" OD)		- 1U
2 Luminaires Luminaire tenon 2" IPS (2 3/8" OD)		
EPA 1.0 ft^2 - 21 lb.	in line	- 2U
3 Luminaires Luminaire tenon 2" IPS (2 3/8" OD)		
EPA 1.6 ft^2 - 32 lb.	in line	- 3U
EPA 1.3 ft^2 - 34 lb.	@ 120°	- 3Y
4 Luminaires Luminaire tenon 2" IPS (2 3/8" OD)		
EPA 1.6 ft^2 - 44 lb.	@ 90°	- 4X
EPA 2.3 ft^2 - 44 lb.	in line	- 4U

* See Pole Selection Process section for Pole Selection Process and tenon mounting bracket dimensions

† Designer colors are available - consult factory

Pole Selection Process

1. Site

- Installation and local area conditions can dramatically effect lighting pole performance
- Excessive vibration may result from some wind and mounting considerations
- Only individuals with local knowledge who have observed or inspected the site can effectively evaluate site specific issues

1a. Wind Speed

- Determine the site location and steady wind velocity. (See Basic Wind Velocities map page 661)
- If the location falls between the Isotach bars or on the 70 MPH or 90 MPH Isotach bar, use the next highest wind velocity (i.e., 80 MPH or 100 MPH)
- If the wind exceeds 100 MPH, consult the factory

1b. Special Wind Regions

- Locations such as mountainous areas and areas surrounding the Great Lakes exhibit wind velocities considerably higher than the surrounding locales
- Consult local authorities to determine maximum wind velocities and select equipment accordingly

1c. Wind velocity

❑ 80 MPH ❑ 90 MPH
❑ 100 MPH
❑ Other _____ MPH

2: Calculate Effective Projected Area (EPA)

Luminaire Cat. #: _____
Bracket Cat. #: _____

A: Luminaire EPA: _____ ft²
B: Luminaires /Pole: _____
C: EPA (Multiply A X B) (all Luminaires): _____ ft²

D: Bracket EPA: _____ ft²
E: Total EPA (Add: C + D) (Luminaires & Brackets) _____ ft²

3: Calculate Weight (Lb.)

Luminaire Cat. #: _____
Bracket Cat. #: _____

F: Luminaire Weight: _____ lb.
G: Luminaires /Pole: _____
H: (Multiply F X G) Luminaire Weight: _____ lb.

J: Bracket Weight: _____ lb.
K: (Add: H + J) Weight (Total): _____ lb.

4: To select the correct pole

- Use the wind conditions from Step 1, then compare the maximum allowable EPA and weight (see catalog) for the style, material and height of the pole required with the EPA and weight calculated in steps 2 (line E) & 3 (line K)
- The EPA and weight of the poles must be equal to, or greater than the totals calculated in steps 2 & 3

Pole Cat. #: _____
L: EPA (Max): _____ ft²
M: Weight (Max): _____ lb.

5: Calculate Pole Suitability:

N: EPA (Line L): _____ ft²
P: EPA (Line E): _____ ft²

Q: Weight (Line M): _____ lb.
R: Weight (Line K): _____ lb.

S: Calculate (Subtract : N - P) _____
T: Calculate (Subtract : Q - R) _____

If either Line "S" or Line "T" is less than zero, the pole selected is not suitable

Caution

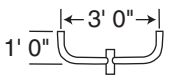
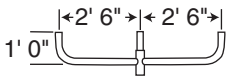
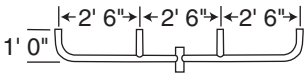
- These selection methods are guidelines only
- Juno Lighting Group assumes no responsibility for selection and recommends you consult qualified professionals for verification of overall system design, site suitability, foundation considerations and applicable code and regulatory compliance

Overloading

- Do not overload poles by attaching flags, banners or any items that can add excessive wind or mechanical load to designed pole assemblies

Tenon Mounting Brackets

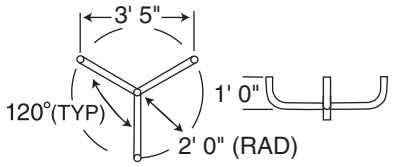
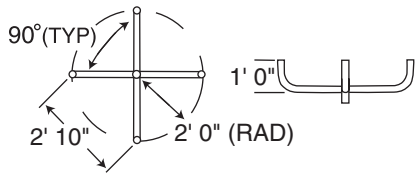
Bullhorn Style
Order brackets separately, indicate color

	1 Luminaire	2 Luminaires @180˚	3 Luminaires @180˚	4 Luminaires @180˚
				

Mounts on 2" tenon
Arm accepts 2" slipfitter or 2" tenon adapter

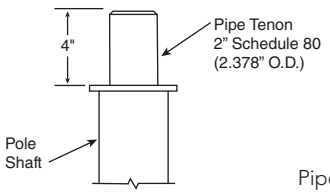
Ordered with pole	PB-2U - color	PB-3U - color	PB-4U - color
EPA - Bracket (Luminaires -Max.)	–	1.0 (7.3)	1.6 (4.7)	2.3 (3.4)
Weight - Bracket (Luminaires -Max.)	–	21(150)	32 (150)	44 (150)

Mounts on 2" tenon
Arm accepts 2" slipfitter or 2" tenon adapter

	3 Luminaires @120˚	4 Luminaires @ 90˚
		
Catalog Number	**PB-3Y - color**	**PB-4X - color**
EPA - Bracket (Luminaires -Max.)	1.3 (4.7)	1.6 (3.5)
Weight - Bracket (Luminaires -Max.)	34 (150)	44 (150)

Tenon

Standard 2" Tenon



Dimensions

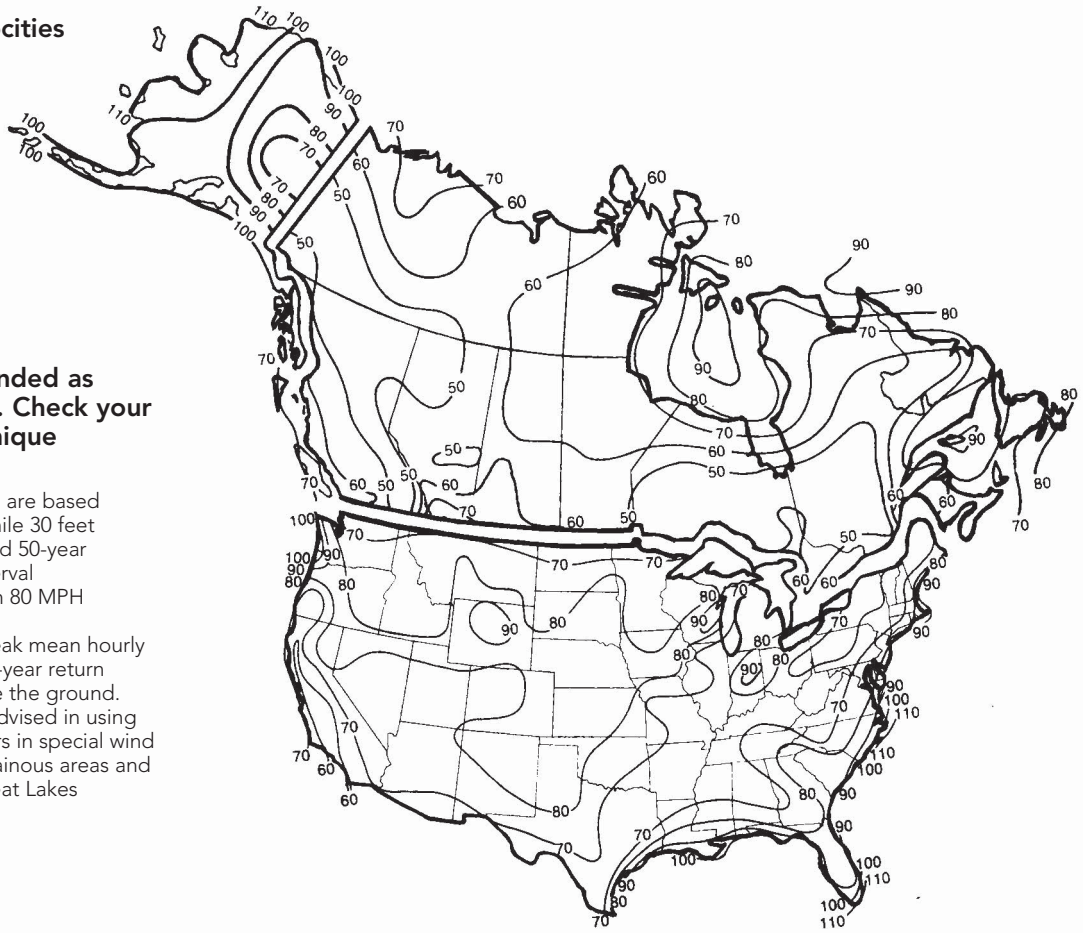
Size-2"
O.D. (in)-2.375
Length (in)-4"
Pipe Size-2.0" Sched 40

Notes:

1: The maximum straight luminaire slipfit length is 4.63" for all arm brackets- Consult factory for other tenon applications.
2: Total combined weight and EPA of brackets and luminaires cannot exceed that allowed on the poles ordered.
3: Adjacent tenon spacing and fixture dimensions must be compared for proper clearance between fixtures.
4: Maximum luminaire weight and EPA values are based on a 100 mph wind speed with a 1.3 gust factor and a maximum 70' mounting height.
5: Material: Center hub is 2 1/2" schedule 40 pipe, arms are 2" schedule 40 pipe.

Basic Wind Velocities

Miles per hour



This map is intended as a general guide. Check your local area for unique wind conditions

United States Values are based on annual extreme-mile 30 feet above the ground and 50-year mean recurrence interval
Hawaii Hawaii has an 80 MPH wind velocity
Canada Based on peak mean hourly wind speeds for a 30-year return period, 30 feet above the ground.
Caution Caution is advised in using wind velocity contours in special wind areas such as mountainous areas and areas around the Great Lakes

EPA & Weight

Includes 1.2 drag factor and brackets

		1 Luminaire† EPA/Weight	2 Luminaires† EPA/Weight	3 Luminaires† EPA/Weight	4 Luminaires† EPA/Weight
Alari™ & Alari™+					
A1 & AP1	175W	0.8 sq. ft. / 30 lb.	1.6 sq. ft. / 60 lb.	2.4 sq. ft. / 90 lb.	3.2 sq. ft. / 120 lb.
A2 & AP2	400W	1.2 sq. ft. / 52 lb	2.4 sq. ft. / 104 lb.	3.6 sq. ft. / 156 lb.	4.8 sq. ft. / 208 lb.
Quasar					
CSB & FT	400W	1.51 sq.ft. / 36 lb.	3.02 sq.ft. / 72 lb.	3.84 sq.ft. / 108 lb.	5.12 sq.ft. / 144 lb.
	1000W	2.90 sq.ft. / 78 lb.	5.80 sq.ft. / 155 lb.	8.70 sq.ft. / 233 lb.	11.6 sq.ft. / 310 lb.
Aries II					
AA (flat lens)	400W	3.15 sq.ft. / 54 lb.	6.30 sq.ft. / 108 lb.	10.09 sq.ft. / 162 lb.	13.24 sq.ft. / 216 lb.
	1000W	3.15 sq.ft. / 61 lb.	6.30 sq.ft. / 122 lb.	10.09 sq.ft. / 183 lb.	13.24 sq.ft. / 244 lb.
AA (sag lens)	400W	3.25 sq.ft. / 54 lb.	6.50 sq.ft. / 108 lb.	10.39 sq.ft. / 162 lb.	13.24 sq.ft. / 216 lb.
	1000W	3.25 sq.ft. / 61 lb.	6.50 sq.ft. / 122 lb.	10.39 sq.ft. / 183 lb.	13.24 sq.ft. / 244 lb.
Accuflood					
FLS	Max 175W	0.71 sq. ft. / 16 lb.	2.42 sq. ft. / 53 lb.	3.73 sq. ft. / 82 lb.	5.14 sq. ft. / 108 lb.
EF	Max 400W	1.12 sq. ft. / 26 lb.	2.24 sq. ft. / 52 lb.	3.36 sq. ft. / 78 lb.	4.48 sq. ft. / 104 lb.
NF	Max 400W	2.20 sq. ft. / 36 lb.	5.40 sq. ft. / 93 lb.	8.20 sq. ft. / 142 lb.	11.1 sq. ft. / 188 lb.
FLM	Max 400W	2.30 sq. ft. / 40 lb.	5.60 sq. ft. / 101 lb.	8.50 sq. ft. / 154 lb.	11.5 sq. ft. / 204 lb.
FLC	Max 1000W	4.70 sq. ft. / 73 lb.	10.40 sq. ft./167 lb.	15.70 sq. ft./253 lb.	21.1 sq. ft./336 lb.
Caribe					
RBF	Max 175W	0.80 sq. ft. / 19 lb.	2.60 sq. ft. / 59 lb.	4.00 sq. ft. / 91 lb.	5.5 sq. ft. / 120 lb.
	Max 400W	1.98 sq. ft. / 54 lb.	4.96 sq. ft. / 108 lb.	7.54 sq. ft. / 162 lb.	10.22 sq. ft. / 216 lb.
Flood-Lux					
CF	Max 150W	0.56 sq. ft. / 8 lb.	2.12 sq. ft. / 37 lb.	3.28 sq. ft. / 58 lb.	4.54 sq. ft. / 76 lb.
Sport-Pro					
SP	Max 1500W	2.80 sq. ft. / 56 lb.	6.60 sq. ft. / 133 lb.	10.00 sq. ft. / 202 lb.	13.5 sq. ft. / 268 lb.

† Includes bracketry

AccuLite™ Floodlighting | Finia™

LED Architectural Floodlighting LF1 & LF2 Series

Description

The LF series is an architectural LED flood light designed for landscape, façade, and sign lighting applications where an attractive and energy efficient luminaire is needed. The design of this luminaire takes full advantage of the LED light source with exclusive features specifically developed to extract heat from the diodes, thus improving light source performance. With an IP65 full fixture rating the LF series keeps all its critical components safely protected from any weather condition in any mounting angle. This fixture is a great choice for outdoor malls, store fronts, parks, and pedestrian areas. Available in a high performance configuration (LF1 Series) with maximum fixture efficacy, and a more economical version (LF2 Series) for the budget conscious project.

Features

Optics Custom designed, high performance molded TIR (Total Internal Refraction) optics shape the LED light with a 6H x 6V distribution ideal for flood lighting • A stainless steel polished-to-mirror finish reflector projects any stranded lumens out of the fixture, maximizing fixture performance.

Construction Heavy wall die cast aluminum body, back box, and frame deliver a sturdy, durable fixture • A tempered glass lens completely seals and protects the LED compartment • A powder coat finish with a thorough 6 stage application process seals the aluminum components from the environment.

Thermal Management LED boards are directly mounted against a polished surface for maximum contact between boards and heat sink • An exclusive air vent between the LED compartment and the electronic driver isolates and cools the two components.

Lumen Depreciation 60,000 hours L_{70} at 77°F (25°C) ambient.

Electrical The luminaire is equipped with two, three, or four LED modules depending on the light output/ wattage selection • All versions are equipped with universal voltage LED drivers 120-277VAC input or 347V • Drivers are IP66 rated and RoHS compliant • An independent surge supressor provides 10 kAmp of protection.

Mounting Fixture can be supplied with a slip fitter or trunion • Accessories for wall mounting are also available (see accessories).

Finish Polyester powder coat finish with a six stage application process • Bronze, black, white or silver are standard.

Emergency Lighting Option An optional integral battery pack can be provided for emergency lighting during a power outage • Choose between EM option (0˚ to 50˚C, 32˚ to 22˚F ambient) and EX option (-20˚ to 50˚C, -4˚ to 22˚F ambient.)

Motion Detection Option The sensor is configured to function either as an ON/OFF switch (MØ option) or to operate a High/Low dimming driver (M option) • In the High/Low configuation the user can field adjust the "Low" light setting with an internal potentiometer for continuous adjustment down to 15%

0-10V Dimming Option An optional 0-10V dimming driver (D option) is available • In applications where additional 0-10V wiring presents a challenge, a programmable, automatic dimming unit (PD option) is available • The PD option eliminates the need for 0-10V wiring and automatically dims the fixture with a factory pre-programmed schedule.

Hazardous Locations When ordered with option "C1", Finia LED luminaires are approved for use in hazardous locations classified as Class 1, Div 2, Groups A, B, C and D • Temperature class T4 and ambient range of -20°C to 40°C (-4°F to 104°F) • These are areas where flammable gases or vapors may be present in the air during abnormal conditions.

Certification Fixture meets UL1598 and CSA C22.2-250 standards • Suitable for wet location applications • Full fixture IP65 rating.

AccuLite™ Floodlighting | Finia™
LED Architectural Floodlighting LF1 & LF2 Series

Ordering Information Example: LF1-40L-5K-E2-SF-W-PC

Series	Lamp/Watts	CCT	Voltage	Mounting	Distribution	Options
LF1	- 40L	- 5K	- E2	- SF	- W	- PC

LF1
High Performance, Architectural LED Flood Light

40L
40W LED Engine

50L
50W LED Engine

5K
5100K CCT

4K
4100K CCT

UN
Universal 120-277V

E1
120V

E2
277V

E3
347V

SF
Slip Fitter

TR
Trunion

W
Wide 6H x 6V

PC[1]
Button Style Photocontrol (must specify line voltage)

M[1]
Motion sensor hi/lo (Must specify line voltage) Available with 120V, 277 or 347V

MØ[1]
Motion sensor on/off (Must specify line voltage) Available with 120V, 277 or 347V

EM[1]
Integral emergency lighting (Must specify voltage) Available for 120V or 277V

EX[1]
Integral cold weather emergency lighting (Must specify voltage) Available for 120V or 277V

F
Fusing (Must specify voltage)

PG
Prismatic glass lens

TP
Tamper resistant hardware

D
Dimming 0-10V

PD[1]
Pre-programmed Dimming

HT
High transmission glass lens

C1
Class 1, Division 2, hazardous location

Finish

no suffix
Bronze finish

BL
Black finish

SL
Silver finish

WH
White finish

custom finish
Contact factory with RAL number

[1] Option not available in combination with "C1" option.

Series	Lamp/Watts	CCT	Voltage	Mounting	Distribution	Options
LF2	- 40L	- 5K	- E2	- SF	- W	- PC

LF2
Architectural LED Flood Light

40L
40W LED Engine

50L
50W LED Engine

80L
80W LED Engine

5K
5100K CCT

4K
4100K CCT

UN
Universal 120-277V

E1
120V

E2
277V

E3
347V

SF
Slip Fitter

TR
Trunion

W
Wide 6H x 6V

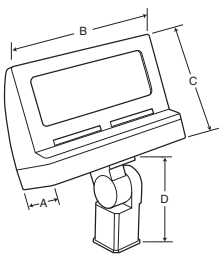
See above Options

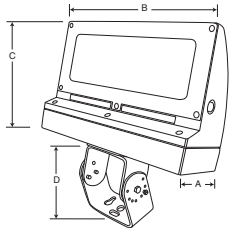
Accessories (Ordered and shipped separately)

Description	Catalog #
Wall Bracket Use with slip fitter Tenon 2" IPS (2 3/8" OD)	**WB-1-color**
USB PC Cable For field programming of "PD" option with a PC	**PDUSBPCCABLE**

Dimensions

	A	B	C	D (slip fitter)	D (Trumion)
Standard Unit 19 lb EPA = 1.5 in²	4 3/4"	15 1/2"	9 3/4"	8"	5 1/2"
Unit w/ Emergency Battery 28 lb EPA = 1.5 in²	4 3/4"	15 1/2"	11 1/2"	8"	5 1/2"





AccuLite™ Floodlighting | Caribe™
LED Architectural Floodlighting RBF Series

Description
The Caribe LED architectural floodlight is an energy efficient solution for landscape and façade lighting applications. Available with four different beam patterns the Caribe LED gives the architect flexibility of design. This fixture is ideal for façade lighting, columns and flag poles, as well as landscape and sign lighting.

Features
Optics The Caribe LED is available with LED mounted optics that shape the beam, plus a glass lens to protect the LED components and make the fixture easy to clean • Four different beam patterns (7x7 wide, 4x4 medium, 3x3 narrow, and 2x2 spot) • LED lenses are board mounted • Glass lens is mechanically secured and gasketed • An array of visors and louvers is also available to tailor the beam pattern to the specific requirements of the installation • Available with either a 40W or an 80W light engine.

Construction Specification grade die cast aluminum housing, door frame and mounting accessories
• Beveled edge door frame with full width concealed hinge
• ½" Stem and 2"slipfitter are marked with angles of inclination for consistent aiming throughout installation
• Tempered glass lens is secured mechanically and gasketed for easy replacement in case of damage.

Mounting Standard ½" stem mount or slip fitter 2" IPS (2-3/8" OD)

Finish Polyester powder coat • Designer colors are available

Electrical The luminaire is equipped with one or two 40W LED drivers with universal 120-240 0.5A, 277VAC 0.2A, 50/60Hz input • Drivers provide power to the LEDs with an output of 12-24 VDC, 1400mA, max 40W
• Driver operating temperature range is -30°C (- 22°F) through 50°C (122°F) • Total Harmonic Distortion (THD) 20% Max • Power factor > 0.92 at full load, 115VAC, 230VAC
• Surge immunity > 1KVAC

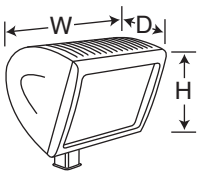
Lumen Depreciation 50,000 hours L_{70} at 77°F (25°C) ambient.

Listing UL1598, CSA C22.2 250 • Suitable for wet locations

Dimensions

Range	H	W	D
20 lb / 9.1 kg	8 3/4"	11"	8 5/8"

EPA = 0.80



Electrical Data

	120V	277V
Input Power (40L version)	37W	37W
Input Current - Max	0.42A	0.24A
Frequency	50/60Hz	50/60Hz
Minimum Starting Temperature	-30˚C (-22˚F)	-30˚C (-22˚F)

LED Data

Ordering Code	System Watts	CCT	CRI	Luminaire Initial Absolute Lumens*
40L	37	4100K	80 Typical	1,558
80L	69	4100K	80 Typical	2,648

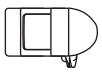
* Lumen values based on 2 x 2 optics.

AccuLite™ Floodlighting | Caribe™ LED Architectural Floodlighting RBF Series

Ordering Information Example: RBF-40L-41-UN-N-BL

Series	Lamp/Watts	CCT	Volts	Mounting	Beam Spread	Options
RBF	-40L	-41	-UN		-N	-BL
RBF	**-40L** 40W LED **-80L** 80W LED	**-41** 4100K	**-UN** 120-277VAC **-E12** 120V **-E27** 277V (E12 and E27 for F1 and PC options only)	**-no suffix** 1/2" stem **-SF** Slip fitter 2" IPS (2 3/8" OD)	**-W** Wide 7H x 7V **-M** Medium 4H x 4V **-N** Narrow 3H x 3V **-S** Spot 2H x 2V	**-PC** Photo-control (must specify voltage) **-TP** Tamper resistant hardware **-F1** Fused (must specify voltage) **Finish** **no suffix** Bronze **-BL** Black **-WH** White Custom colors - consult factory

Accessories (Ordered and shipped separately)

Description	Catalog #	
Slipfitter Adapter Bronze finish Convert stem to slipfitter Fits tenons from 2" - 3" IPS (2 3/8" - 3 1/2" OD)	**RBF-PTF**	
Vandal Shield Lexan®	**RBF-S-LS**	
Top Visor Black finish	**RBF-S-TV**	
Side Visor Black finish	**RBF-S-SV**	
Horizontal Louver Black finish	**RBF-S-HLV**	
Stanchion For 1/2" Stem mount, bronze finish	**RBF-STANCHION-color**	
Wall Bracket Use with slipfitter or tenon adapter Tenon 2" IPS (2 3/8" OD)	**WB-1-BZ**	

Small Housing - Slipfitter

Small Housing - Stem
Designer green finish

Description

With great looks in a compact package, the Caribe™ floodlight is the ideal choice to fulfill the architect's vision. The elliptical shape is designed to blend with and complement the architect's landscape design. With both floodlighting and "Spot" distributions, there is a Caribe floodlight for illuminating everything from narrow columns to facades.

Features

Specification Grade Construction Die cast aluminum
• Beveled edge door frame with full width concealed hinge
• Recessed cover screws • Degree marked stem and slipfitter

Optics Three IES Beam Distributions • Narrow: Max 175W: 3H x 2V • Medium: Max 175W: 4H x 3V
• Wide: Max 175W: 7H x 6W

Mounting 1/2" stem with optional slipfitter adapter or 2" IPS (2 3/8" OD) slipfitter

Lampholder Specification grade porcelain
• Medium - Max 175W

Finish Standard - bronze, black, white • Designer colors are available

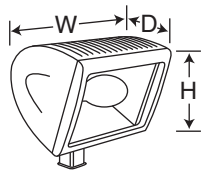
HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

Dimensions

Range	H	W	D
35-175W	8 3/4"	11"	8 5/8"

20 lb / 9.1 kg
EPA = 0.80



Ordering Information Example: RBF100PS-QT-SF-N-L

Series	Lamp (Watts/Type)	Volts	Mounting	Beam Spread	Options
RBF	100PS	-QT	-SF	-N	-L
RBF	● **Pulse Start Metal Halide**† **50PS, 70PS, 100PS, 150PS** ED17 **Probe Start Metal Halide**† §{ **175MH** E17 ● **High Pressure Sodium** **35HP, 50HP, 70HP** BD17 **100HP, 150HP** BD17	35W & 50W HPS **-120** 120V, **-277** 277V, **-347** 347V 50W - 150W PS 175W MH 70W - 150W HPS **-QT**‡ Quad Tap 120V, 208V, 240V, 277V 50W - 150W PS 175W MH 70W - 150W HPS **-TT** Tri Tap 120V, 277V, 347V	**Small Housing** 35W - 175W **No suffix** - 1/2" Stem **- SF** - Slipfitter 2" IPS (2 3/8" OD)	**No suffix** Wide Beam 7H X 6V **- N** Narrow Beam 3H X 2V **- M** Medium 4H X 3V	See below

Options (Factory installed, add suffix to catalog number)

Description	Suffix
Lamp	
Clear HID lamp	**- L**
Photocontrol	
Replace voltage suffix "-QT" and "-TT" with line voltage as suffix	**- PC**
Tamper resistant hardware	**-TP**
Color	
Bronze, standard	No Suffix
Black	**- BL**
White	**- WH**
Designer Colors	Consult Factory

Accessories (Ordered and shipped separately)

Description	Catalog #
Slipfitter Adapter Bronze finish Convert stem to slipfitter Fits tenons from 2" - 3" IPS (2 3/8" - 3 1/2" OD)	**RBF-PTF**
Vandal Shield Lexan®	**RBF-S-LS**
Top Visor Black finish	**RBF-S-TV**
Side Visor Black finish	**RBF-S-SV**
Horizontal Louver Black finish	**RBF-S-HLV**
Stanchion - Small Housing For 1/2" Stem mount, bronze finish	**RBF-STANCHION-color**
Wall Bracket Use with slipfitter or tenon adapter Tenon 2" IPS (2 3/8" OD)	**WB-1-BZ**

† **Metal Halide**:
Ⓔ EISA: Pulse Start MH: 250W - 400W meet Energy Independence & Security Act (EISA) requirements. 150W wet location luminaires are EISA exempt.

§ **Not for use in the United States.**

●Fixtures are ENERGY EFFICIENT

AccuLite

Floodlighting | Dock Light

LED DK Series

Description

The AccuLite LED Dock Light is designed for shipping and warehousing operations where significant amounts of light are needed inside the trailers. With a powerful LED array this fixture can comfortably replace the old Metal Halide dock lights meeting the illumination requirements while providing lower glare and virtually no heat.

Features

Optics Supplied with 26° optics mounted on the LED board and a frosted lens that eliminates glare • The frosted lens is made of a 16H transmission acrylic.

Construction Fixture body is extruded aluminum with die cast aluminum door and side caps • The LED board is sealed inside the housing and attached directly to the aluminum body creating a strong thermal bond that lowers operating temperature and increases LED life • All gaskets are neoprene • Acrylic frosted lens • All exposed surfaces are polyester powder coated for a durable finish

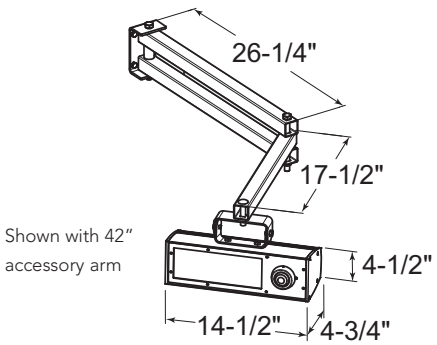
Electrical The luminaire is equipped with one 40W LED driver with universal 120-277VAC, 50/60Hz input • Driver operating temperature range is -30°C (-22°F) through 50°C (122°F) • Total Harmonic Distortion (THD) 20% Max • Power factor > 0.92 at full load, 115VAC, 230VAC • Surge immunity > 1KVAC

Lumen Depreciation 50,000 hours L_{70} at 77°F (25°C) ambient.

Finish All surfaces are polyester powder coated for a lasting finish

Listing UL1598, CSA C22.2 250 • DK130 is suitable for damp locations • DKW130 is suitable for wet locations

Dimensions



Shown with 42" accessory arm

Electrical Data

	120V	277V
Input Power	37W	37W
Input Current - Max	0.42A	0.21A
Frequency	50/60Hz	50/60Hz
Minimum Starting Temperature	-30˚C (-22˚F)	-30˚C (-22˚F)

LED Data

System Watts	CCT	CRI	Luminaire Initial Absolute Lumens
37W	4100K	80 Typical	1,421

AccuLite™

Floodlighting | Dock Light

LED DK Series

Ordering Information Example: DK130-L-U-41K-T-WH-M

Series	Electronics	Voltage	CCT	Mounting	Finish	Options
DK130	-L	-U	-41K	-T	-WH	-M
DK130 Damp Location **DKW130** Wet Location	**-L** LED	**-U** Universal 120-277VAC	**-41K** 4100K	**-T** Trunion **-A** Provision for Arm (must order arm separately)[1]	**-BZ** Bronze **-BL** Black **-WH** White **-SY** Safety Yellow	**-M** Motion Sensor [2] (not available with DKW130) **-3SOW** Included with all fixtures, 3' cord, 3 conductor 16 AWG (for other lengths, replace "3" with length in feet)

[1] Provision for arm mounting can only be done for DK130 (damp location.) Includes a special cord and plug to connect to the arm. Arm must be ordered separately. Fixture finish is available in safety yellow only, to match the arm finish.

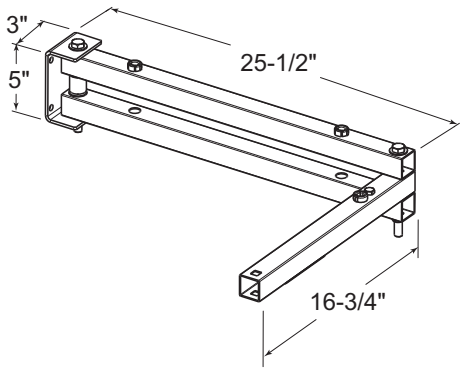
[2] Motion sensor is only available with DK130 (Damp location.)

Accessory Articulated Arm (must be ordered separately)

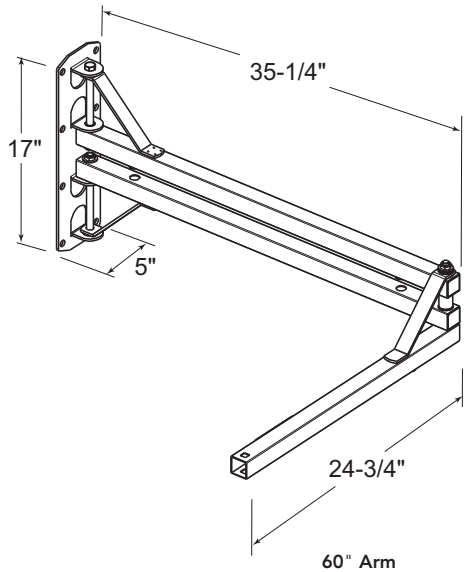
DKARM42SY 42" Articulated arm, safety yellow only

DKARM60SY 60" Articulated arm, safety yellow only

Double Strut Mounting Arm The accessory, double strut mounting arm is constructed of 1 ½" square steel tubes • A 3-conductor AC cord with a standard 3 prong plug is included • On/off switch controls power to the receptacle on the arm • The wall bracket is made of 3/16" steel.



42" Arm



60" Arm

AccuLite™ Floodlighting | Low Profile
LED Floodlighting DK Series

Description
Low profile, energy efficiency, and lighting uniformity are just some of the features blended together in this tough luminaire. The AccuLite DK130 flood saves energy not only with its low wattage LED light engine but also with its optional motion sensor that turns the fixture off when the area is not in use. The DK130 is perfect for work light applications such as loading docks, long refrigeration/ storage areas, security lighting and other traffic related environments.

Features
Optics Supplied with 26° optics mounted on the LED board and a frosted lens that eliminates glare • The frosted lens is made of a 16H transmission acrylic.

Construction Fixture body is extruded aluminum with die cast aluminum door and side caps • The LED board is sealed inside the housing and attached directly to the aluminum body creating a strong thermal bond that lowers operating temperature and increases LED life • All gaskets are neoprene • Acrylic frosted lens • All exposed surfaces are polyester powder coated for a durable finish

Electrical The luminaire is equipped with one 40W LED driver with universal 120-277VAC, 50/60Hz input • Drivers are IP66 rated and RoHS compliant • Driver operating temperature range is -30°C (-22°F) through 50°C (122°F) • Total Harmonic Distortion (THD) 20% Max • Power factor > 0.92 at full load, 115VAC, 230VAC • Surge immunity > 1KVAC

Lumen Depreciation 50,000 hours L_{70} at 77°F (25°C) ambient.

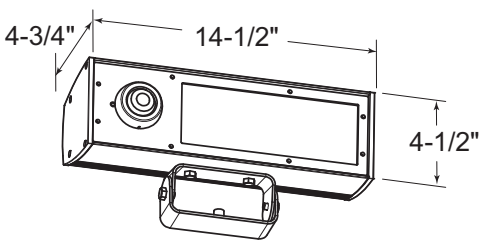
Finish All surfaces are polyester powder coated for a lasting finish

Listing UL1598, CSA C22.2 250 • DK130 is suitable for damp locations • DKW130 is suitable for wet locations

Ordering Information Example: **DK130-L-U-41K-T-WH-M**

Series	Electronics	Voltage	CCT	Mounting	Finish	Options
DK130	-L	-U	-41K	-T	-WH	-M
DK130 Damp Location **DKW130** Wet Location	**-L** LED	**-U** Universal 120-277VAC	**-41K** 4100K	**-T** Trunion	**-BZ** Bronze **-BL** Black **-WH** White	**-M** Motion Sensor (not available with DKW130) **-3SOW** Included with all fixtures, 3' cord, 3 conductor 16 AWG (for other lengths, replace "3" with length in feet)

Dimensions



Shown with optional motion sensor

Electrical Data

	120V	277V
Input Power	37W	37W
Input Current - Max	0.42A	0.21A
Frequency	50/60Hz	50/60Hz
Minimum Starting Temperature	-30˚C (-22˚F)	-30˚C (-22˚F)

LED Data

System Watts	CCT	CRI	Luminaire Initial Absolute Lumens
37W	4100K	80 Typical	1,421

Description

The Accuflood™ FLS Series floodlight is a versatile, miniature floodlight well suited to small area lighting tasks from retail, commercial and residential lighting where patron safety is important. In small industrial areas, the rugged design of FLS is an ideal choice when a long life compact luminaire is required.

Features

Optics This compact low wattage floodlight is available for wide, medium or narrow beam spreads • See ordering information for NEMA Beam spreads

Construction Heavy wall die cast aluminum • Die cast aluminum hinged cover is secured with a single heavy duty 1/4"-20 cover bolt • Flat tempered gasketed glass lens • Long life silicone rubber gasket

Mounting Yoke • 1/2" stem • 1/2" stem with optional slipfitter adapter

Finish Polyester powder coat • Bronze

Lampholder Specification grade porcelain, medium base

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C • HPS reactor - HPF or NPF

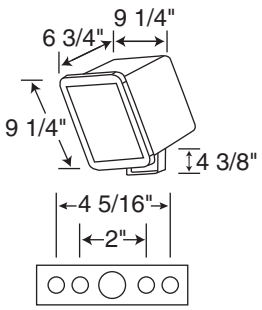
Listing UL1598/CSA C22.2 250 • Suitable for wet locations

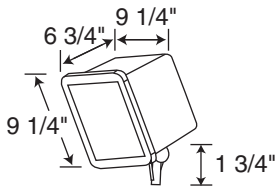
Ordering Information Example: **FLS150PS-QT-TRN-N-L**

Series	Lamp (Watts/Type)	Volts	Mounting	Beam Spread	Options
FLS	150PS	-QT	-TRN	-N	-L
FLS	● **Pulse Start Metal Halide**† Medium Base - ED17 **50PS, 70PS, 100PS, 150PS** **Probe Start Metal Halide**† Medium Base - E17 §{**175MH** ● **High Pressure Sodium** Medium Base - BD17 **35HP, 50HP, 70HP, 100HP, 150HP**	**35W & 50W HPS** **-120** 120V, **-277** 277V, **-347** 347V **50W - 150W PS** **175W MH** **70W - 150W HPS** **-QT**‡ Quad Tap 120V, 208V, 240V, 277V **-TT** Tri Tap 120V, 277V, 347V **100W - 150W** **-480**‡ 480V	**No suffix** - 1/2" Stem **- TRN** - Yoke Slipfitter Adapter See Accessories.	**No suffix** Wide Beam MH - 7H X 7V HPS - 7H X 7V **- N** Narrow MH - 4H X 3V HPS - 4H X 4V **- M** Medium MH - 6H X 5V HPS - 6H X 6V	See below

Dimensions

EPA: 0.71 ft² (Includes 1.2 drag factor). Weight - 16 lb.





FLS-PTF-BZ
Slipfitter Adapter

FLS-STANCHION -BZ
For 1/2" stem

Options (Factory installed, add suffix to catalog number)

Description	Suffix
Lamp With clear lamp	**- L**
Photocontrol Replace voltage suffix "-QT" and "-TT" with line voltage suffix	**- PC**

Accessories (Ordered and shipped separately)

Description	Catalog #
Slipfitter Adapter Convert stem to slipfitter Tenon 2" - 3" IPS, 2 3/8" - 3 1/2" OD	**FLS-PTF-BZ**
Vandal Shield Lexan®	**FLS-LS**
Wire Guard	**FLS-WG**
Stanchion Bronze	**FLS-STANCHION-BZ**

† **Metal Halide**:
Ⓔ EISA - Pulse Start MH: 150W wet location luminaires are EISA exempt. .
‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix **"-LSP."**
§**Not for use in the United States.**
●Fixtures are **ENERGY EFFICIENT**.

Description

The Accuflood™ EF Series floodlight is a compact, horizontal lamp floodlight for applications requiring a small compact fixture with lamps up to 400W. EF Series offers controlled illumination of parking lots, building exteriors and facades, parks and sports areas, storage and industrial facilities or any other outdoor application where energy efficient, weather-proof HID floodlighting is appropriate.

Features

Compact The compact size of the 'EF' floodlight allows the use of lighter poles or more fixtures per pole for significant overall project cost savings.

Construction Accuflood™ 'EF' features a gasketed (not siliconed) lens • The lens assembly and fixture body feature durable high temperature silicone rubber gaskets • Heavy duty die cast door and body • Removable hinged cover assembly

Lampholder Porcelain, mogul base

Ballasts A full range of ballasts is available • HPF ballasts for low temperature starting • PS -40°C, MH -30°C, HPS -40°C.

Finish Dark bronze polyester powder coat

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

Ordering Information Example: **EF320PS-QT-SF-L**

Series	Lamp (Watts/Type)	Volts	Mounting	Beam Spread	Options
EF	320PS	-QT	-SF	-	-L
EF	● **Pulse Start Metal Halide**† Mogul Base - ED28 **70PS, 100PS, 150PS** Ⓔ{ **250PS, 320PS, 350PS, 400PS** **Probe Start Metal Halide**† Mogul Base - ED28 § { **175MH, 250MH, 400MH** ● **High Pressure Sodium** Mogul Base - ED23.5 **70HP, 100HP, 150HP** Mogul Base - ED18 **250HP, 400HP**	**-QT**‡ Quad Tap 120V, 208V, 240V, 277V **-TT** Tri Tap 120V, 277V, 347V **-480**‡ 480V 100W thru 400W only	**No suffix** Yoke **- SF** Slipfitter 2" IPS (2 3/8" OD)	**No suffix** IES 7H X 7V	See below

Options (Factory installed, add suffix to catalog number)

Description	Suffix
Lamp Clear HID lamp	**- L**
Photocontrol Replace voltage suffix "-QT" and "-TT" with line voltage as suffix	**- PC**
Photocontrol Receptacle Photocontrol receptacle Photocontrol by others	**- PCR**
Fuse Holder Supplied with fuse. Replace voltage suffix "QT" or"TT" line voltage suffix	
Single pole - Line to neutral	**- F1**
Two pole - Line to line	**- F2**

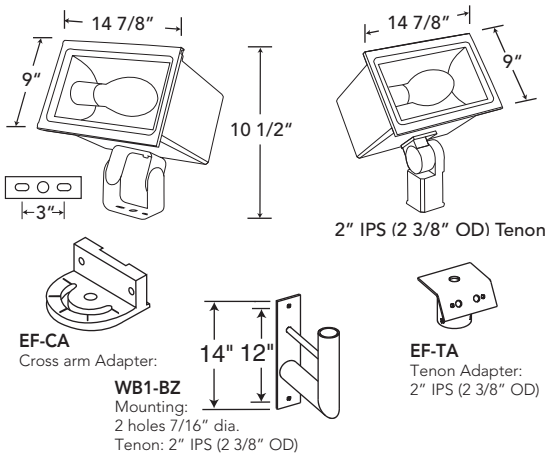
Accessories (Ordered and shipped separately)

Description	Catalog #
Tenon Adapter Converts yoke to slipfitter Tenon 2" IPS (2 3/8" OD)	**EF-TA**
Cross Arm Adapter For horizontal aiming	**EF-CA**
Vandal Shield Lexan®	**EF-LS**
Top Visor	**EF-TV**
Wall Bracket Use with slipfitter or tenon adapter 2" IPS (2 3/8" OD) tenon	**WB-1-BZ**

Dimensions

EPA: 1.12 ft² (Includes 1.2 drag factor) Weight 29.0 lb

Yoke **Slipfitter**



† **Metal Halide**:
Ⓔ EISA: Pulse Start MH: 250 - 400W meet Energy Independence & Security Act (EISA) requirements. 150W wet location luminaires are EISA exempt.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix **"-LSP."**

§**Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

Description

The Accuflood™ NF Series floodlight is a compact base down lamp floodlight with traditional floodlight styling for applications up to 400 watt. Using the more cost effective ED37 lamp, NF Series offers long term savings. NF Series is an ideal choice for retail, commercial and residential complexes or larger industrial areas.

Features

Versatile This compact floodlight with traditional floodlight styling for applications up to 400 watt

Construction Heavy wall die cast aluminum • Hinged cover with four heavy duty cover bolts • One piece anodized reflector • Flat tempered glass lens is gasketed (no RTV)

Mounting Yoke • Slipfitter, 2" IPS(2 3/8" OD) tenon

Lampholder Specification grade porcelain

Finish Polyester powder coat • Bronze

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

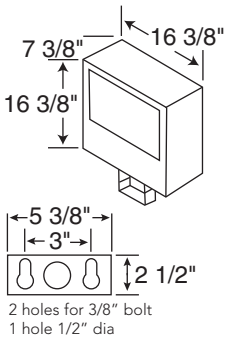
Ordering Information Example: **NF320PS-QT-SF-L**

Series	Lamp (Watts/Type)	Volts	Mounting	Beam Spread	Options
NF	320PS	-QT	-SF	-	-L
NF	● **Pulse Start Metal Halide†** **150PS,** Ⓔ { **250PS** ED28 **320PS, 350PS, 400PS** ED37 **Probe Start Metal Halide†** § { **175MH, 250MH** ED28 **400MH** ED37 ● **High Pressure Sodium** **70HP, 100HP, 150HP** ED23.5 **250HP, 400HP** ED18	**-QT‡** Quad Tap 120V, 208V, 240V, 277V **-TT** Tri Tap 120V, 277V, 347V **-480‡** 480V 100W thru 400W only	**No suffix** Yoke **- SF** Slipfitter 2" IPS (2 3/8" OD)	**No suffix** IES 7H X 6V	See below

Dimensions

EPA: 2.23 ft² (Includes 1.2 drag factor). Weight-36 lb.

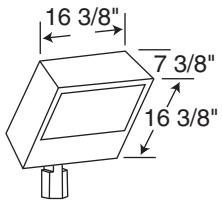
Yoke



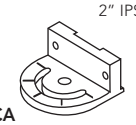
2 holes for 3/8" bolt
1 hole 1/2" dia

Slipfitter

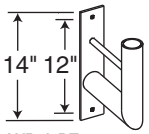
2" IPS (2 3/8" OD)



NF-TA
Tenon Adapter:
2" IPS (2 3/8" OD)



NF-CA
Crossarm Adapter:



WB-1-BZ
Mounting:
2 holes 7/16" dia.
Tenon: 2" IPS (2 3/8" OD)

† **Metal Halide**:
Ⓔ EISA - Pulse Start MH: 150W - 400W meet Energy Independence & Security Act (EISA) requirements. 150W wet location luminaires are EISA exempt.

§ **Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

Options (Factory installed, add suffix to catalog number)

Description	Suffix
Lamp Clear HID lamp	**- L**
Photocontrol Replace voltage suffix "-QT" and "-TT" with line voltage as suffix	**- PC**
Photocontrol Receptacle Photocontrol receptacle, photocontrol by others	**- PCR**
Fuse Holder Supplied with fuse. Replace voltage suffix "-QT" and "-TT" with line voltage as suffix	
Single pole - Line to neutral	**- F1**
Two pole - Line to line	**- F2**

Accessories (Ordered and shipped separately)

Description	Catalog #
Tenon Adapter Converts yoke to slipfitter Tenon 2" IPS (2 3/8" OD)	**NF-TA**
Cross Arm Adapter For horizontal aiming	**NF-CA**
Vandal Shield Lexan®	**NF-LS**
Top Visor	**NF-TV**
Wall Bracket Use with slipfitter or tenon adapter 2" IPS (2 3/8" OD) tenon	**WB-1-BZ**

Description

The Accuflood™ FLM Series floodlight is a specification grade floodlight engineered to optimize today's efficient light sources. With superior lighting characteristics, FLM Series is an ideal choice for retail, commercial and industrial installations where the superior efficiency and uniformity is desirable. Certified for use in Class I, Division 2 hazardous locations including refineries, chemical stores and tank farms, with hazardous location option.

Features

Optics Use fewer luminaires to obtain the required light levels with FLM high performance optics

Hazardous Locations Class I, Division 2 optional

Construction Heavy wall die cast aluminum • Hinged door secured with 1/4"-20 cover bolts • Keyed interlocking hinge secures the door during servicing • Flat tempered glass lens

Finish Polyester powder coat • Bronze

Mounting Yoke • Slipfitter, 2" IPS Tenon (2 3/8" OD)

Lampholder Specification grade porcelain, mogul base

Finish Polyester powder coat • Bronze

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250 • Suitable for wet locations • Optional: Class 1, Div. 2, Group B, C, D

Ordering Information Example: **FLM320PS-QT-SF-L**

Series	Lamp (Watts/Type)	Volts	Mounting	Beam Spread	Options Accessories
FLM	320PS	-QT	-SF	-	-L
FLM	● **Pulse Start Metal Halide**† Ⓔ { **250PS** ED28; **320PS, 350PS, 400PS** ED37 } **Probe Start Metal Halide**† § { **250MH** ED28; **400MH** ED37 } ● **High Pressure Sodium** **70HP, 100HP, 150HP** ED23.5 **250HP, 400HP** ED18	**-QT**‡ Quad Tap 120V, 208V, 240V, 277V **-TT** Tri Tap 120V, 277V, 347V **100W - 400W** **-480**‡ 480V	**No suffix** Yoke **- SF** Slipfitter 2" IPS (2 3/8" OD)	**No suffix** IES 5H X 7V	See below

Options (Factory installed, add suffix to catalog number)

Description	Suffix
Lamp	
Clear HID lamp	**- L**
Compact fluorescent	By others
Photocontrol	
Replace voltage suffix "-QT" and "-TT" with line voltage as suffix	**- PC**
Photocontrol Receptacle	
480V photocontrol receptacle Photocontrol by others	**- PCR**
Fuse Holder Supplied with fuse. Replace voltage suffix "-QT" and "-TT" with line voltage as suffix	
Single pole - Line to neutral	**- F1**
Two pole - Line to line	**- F2**
Hazardous Locations	
Class 1, Div. 2, Groups B, C, D	**- C1**

Ambient	25°C	40°C
400W HPS	360°C	375°C
400W MH	328°C	343°C

† **Metal Halide**:
Ⓔ EISA - Pulse Start MH: 250W - 400W meet Energy Independence & Security Act (EISA) requirements.

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix **"-LSP."**

§ **Not for use in the United States.**

●Fixtures are **ENERGY EFFICIENT**.

Accessories (Ordered and shipped separately)

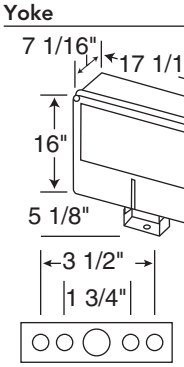
Description	Catalog #
Tenon Adapter Converts yoke to slipfitter Tenon 2" IPS (2 3/8" OD)	**FLM-TA**
Cross Arm Adapter For horizontal aiming	**FLM-CA**
Vandal Shield Lexan®	**FLM-LS**
Top Visor	**FLM-TV**
Wall Bracket Use with slipfitter or tenon adapter 2" IPS (2 3/8" OD) tenon	**WB-1-BZ**

Dimensions

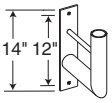
EPA: 2.3 ft² (Includes 1.2 drag factor).

Weight - 40 lb.

Yoke

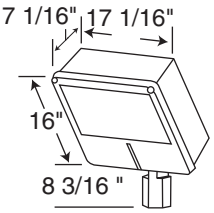


FLM-TA
Tenon Adapter:
2" IPS (2 3/8" OD)



WB-1-BZ
Mounting:
2 holes 7/16" dia.
Tenon: 2" IPS (2 3/8" OD)

Slipfitter
2" IPS (2 3/8" OD)



FLM-CA
Crossarm Adapter:
2" IPS (2 3/8" OD)

Description

Engineered to provide durable, efficient controlled illumination of parking lots, sports facilities, storage areas, building facades, industrial facilities or any other outdoor location where a high wattage energy efficient floodlight is appropriate. Well suited to automotive sales lots and other outdoor product display areas where the combination of high light levels and even distribution enhances the end user's product presentation.

Features

Construction Heavy wall die cast aluminum housing and door • Hinged door secured with six #10-24 cover bolts • Steel yoke or die cast 2" slipfitter (2 3/8") • Flat tempered glass lens

Mounting Yoke • Slipfitter, 2" IPS(2 3/8" OD) Tenon

Optical Assembly Anodized reflector for optimum long term performance • This reflector assembly provides an effective wide beam spread and excellent uniformity for superior lighting performance

Optics IES Beam Distribution MH & HPS - 6H x 6V

Lampholder Specification grade porcelain, mogul base

Finish Polyester powder coat • Bronze

HPF Ballasts Low temperature starting • Probe Start MH -30°C, Pulse Start MH -40°C, HPS -40°C

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

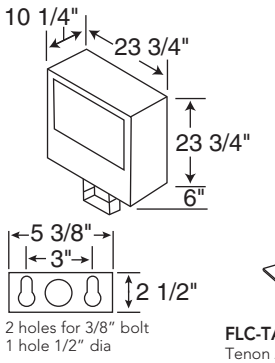
Ordering Information Example: **FLC1000MH-QT-SF-L**

Series	Lamp (Watts/Type)	Volts	Mounting	Beam Spread	Options
FLC	1000MH	-QT	-SF	-	-L
FLC	**Probe Start Metal Halide†** **1000MH** BT56 ● **High Pressure Sodium** **1000HP** E25	**-QT‡** Quad Tap - 120V, 208V, 240V, 277V **-TT** Tri Tap - 120V, 277V, 347V **-480‡** 480V	**No suffix** Yoke **- SF** Slipfitter 2" IPS (2 3/8" OD)	**No suffix** IES 6H X 6V	See below

Dimensions

EPA: 4.7 ft² (Includes 1.2 drag factor). Weight - 73 lb.

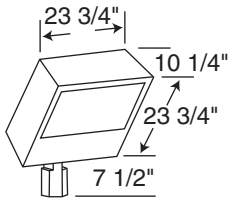
Yoke



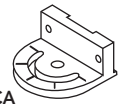
2 holes for 3/8" bolt
1 hole 1/2" dia

Slipfitter

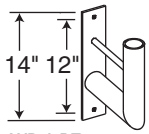
2" IPS (2 3/8" OD)



FLC-TA
Tenon Adapter:
2" IPS (2 3/8" OD)



FLC-CA
Crossarm Adapter:



WB-1-BZ
Mounting:
2 holes 7/16" dia.
Tenon: 2" IPS (2 3/8" OD)

‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix **"-LSP."**

●Fixtures are **ENERGY EFFICIENT**.

Options Factory installed, add suffix to catalog number

Description	Suffix
Lamp Clear HID lamp	**- L**
Photocontrol Replace voltage suffix "-QT" and "-TT" with line voltage as suffix	**- PC**
Photocontrol Receptacle 480V photocontrol receptacle, photocontrol by others	**- PCR**
Fuse Holder Supplied with fuse. Replace voltage suffix "-QT" and "-TT" with line voltage as suffix	
Single pole - Line to neutral	**- F1**
Two pole - Line to line	**- F2**

Accessories Ordered and shipped separately

Description	Catalog #
Tenon Adapter Converts yoke to slipfitter Tenon 2" IPS (2 3/8" OD)	**FLC-TA**
Cross Arm Adapter For horizontal aiming	**FLC-CA**
Vandal Shield Lexan®	**FLC-LS**
Top Visor	**FLC-TV**
Wall Bracket Use with slipfitter or tenon adapter 2" IPS (2 3/8" OD) tenon	**WB-1-BZ**

Description

The Sport-Pro™ sports lighting system is designed to provide ultimate visibility for all sports lighting applications. The Sport-Pro™ system is suitable for both indoor and outdoor installations including football, baseball, softball, slow-pitch, basketball, ice hockey, soccer, golf and ski hills. NEMA 2, 3, 4, 5, and 6 beam spreads are available.

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

Features

Maximum Performance Optical Assemblies 22 inch reflector assemblies for maximum performance • Heat and impact resistant tempered glass lens

Heavy Duty Construction Integral ballast models feature corrosion resistant cast aluminum socket and ballast housing • Aluminum ballast cover • Remote ballasted models feature a cast socket housing and heavy duty zinc plated steel yoke • Spun aluminum optical assembly • Stainless steel latches • Dedicated hinge • Water-tight cord connector

Easy Installation and Maintenance Secured with a single bolt

Finish Corrosion resistant polyester finish protects the ballast assembly and lamp socket assemblies • Exposed hardware is stainless steel • Zinc plated heavy duty yoke

HPF Ballasts Low temperature starting • Probe Start MH -30°C, HPS -40°C

Ordering Information Example: **SP1502MH-QT-L**

Series	Lamp (Watts)	Beam Spread	Lamp (Type)	Ballast	Options
SP	150	2	MH	-QT	-L

SP

Lamp (Watts)

Probe Start Metal Halide†
Integral or remote ballast
§ **40** 400W, BT37
§ **100** 1000W, BT56
Integral ballast only
150 1500W, BT56

● **Pulse Start Metal Halide**†
Integral ballast
40 400W, ED37
100 1000W, BT37

● **High Pressure Sodium**
Integral or remote ballast
40 400W, ED18
100 1000W, E25

Beam Spread

2 NEMA 2 x 2
3 NEMA 3 x 3
4 NEMA 4 x 4
5 NEMA 5 x 5
6 NEMA 6 x 6

Lamp (Type)

MH Probe Start Metal Halide
PS Pulse Start Metal Halide
HP High Pressure Sodium

Ballast

Magnetic
- QT ‡ Quad Tap
120V, 208V, 240V, 277V
- TT Tri Tap
120V, 277V, 347V
- 480 ‡ 480V

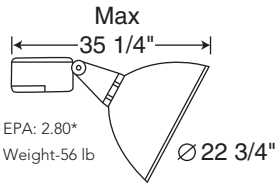
Remote Ballast
- RB Order remote ballast separately (Max 1000W)

Options

See below

Dimensions

Integral Ballast



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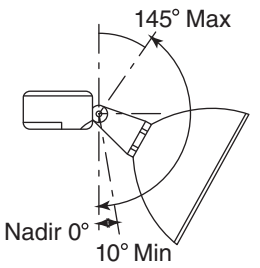
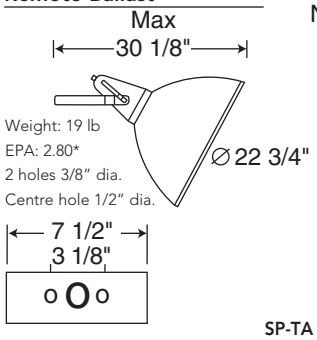
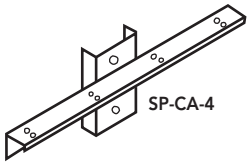


Remote Ballast





Options Factory installed, add suffix to catalog number

Description	Suffix
Lamp With clear lamp	- **L**
Fuse Holder On multi-tap ballasts indicate line voltage	
Single pole, with fuse	- **F1**
Two pole, with fuses	- **F2**
Pre-Wired	
3' SOW Cord	- **3C-PW**
6' SOW Cord	- **6C-PW**
12' SOW Cord	- **12C-PW**

Accessories Ordered and shipped separately

Description	Catalog #
Integral Ballast Slipfitter Tenon 2" IPS (2 3/8" OD)	**SP-SF**
Remote Luminaire Tenon Adapter Converts yoke to slipfitter Tenon 2" IPS (2 3/8" OD)	**SP-TA**
Cross Arm Angle iron	
2 luminaire	**SP-CA-2**
3 luminaire	**SP-CA-3**
4 luminaire	**SP-CA-4**
Cross Arm Adapter For horizontal aiming of remote luminaire	**SP-CA**
Top Visor	**SP-TV**
Wall Bracket For integral ballast luminaire	**SP-WB1**
Lamp Support For high vibration installations	**SP-L-SUPPORT**

† **Metal Halide**:
EISA: 400W Probe Start MH is only available in Canada.
‡ **Lamp Socket Protector**:
Required in Canada when using 208V, 240V & 480V - add suffix **"-LSP."**
§ **Not for use in the United States.**

● Fixtures are **ENERGY EFFICIENT**.

Compact Fluorescent Ceiling Mount

Incandescent Ceiling Mount

Description

The VapourLume™ retro-look luminaire is for applications with functional decor. Enclosed and gasketed for industrial applications, these rugged vaportight luminaires are suitable for use both outdoors or indoors.

Features

Enclosed and Gasketed Enclosed and gasketed for industrial applications, these rugged vaportight luminaires are suitable for use both outdoors or indoors • Retro-look for applications with functional decor

Construction Cast aluminum housings and guards • Globe: Standard – clear glass

Mounting Ceiling – junction box with five 3/4" hubs • Pendant – 3/4" hub • Wall – junction box with five 3/4" hubs

Finish Standard – Color Metallic Gray

Listing UL1598/CSA C22.2 250 • Suitable for wet locations

Ordering Information Example: VC200-UN-G

Series	Mounting	Lamp (Watts)	Ballast	Guard
V	C	200	-UN	-G

V

C Ceiling with junction box 3/4" threaded hubs

P Pendant 3/4" threaded hub (not available with CFL)

W Wall with junction box 3/4" threaded hubs

Incandescent
100 100W maximum
200 200W maximum

Fluorescent
● **42CF** 42W compact fluorescent

Blank Incandescent
- UN 120-277V (CFL only)

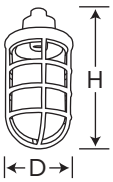
- G Cast aluminum guard

Dimensions

Pendant

3/4" Hub

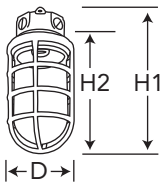
	D	H1
VP100G	4 1/4"	10 1/4"
VP200G	5 5/8"	11 15/16"



Ceiling Mounted

3/4" Hub

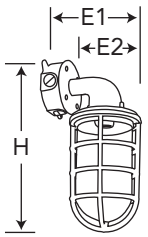
	D	H1	H2
VC100G	4 1/4"	9 5/8"	7 3/4"
VC200G	5 5/8"	11 1/2"	9 7/8"
● **VC42CFUNG**	7 1/8"	15"	13 3/8"



Wall Mounted

3/4" Hub

	E1	E2	H
VW100G	6 13/16"	5 3/16"	12 3/4"
VW200G	7 5/8"	6"	14 1/4"
● **VW42CFUNG**	7 7/8"	7 1/8"	18 1/4"



●Fixtures are ENERGY EFFICIENT.

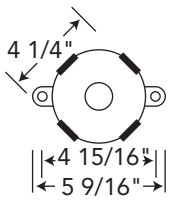
Accessories

Description	Catalog #
Replacement Globes Clear Glass, 100W	**V100**
Clear Glass, 200W	**V200**

Options

Junction Box
For ceiling & wall mounted models

Five hubs (3/4") and 4 plugs
Box depth = 1 5/8"



Sign Lighters

S399 RLM Shade

Decorative element for use with single head S311, S313, S401, S411 and S413 AccuLite Sign Lighter fixtures. Shade accessory is also used to help control the illumination pattern. All aluminum construction. For outdoor and indoor use. Available in black and bronze powder painted finishes.

Ordering Information Example: **S399-BLK**

Model	Hardware Finish
S399	-BLK
S399	**BLK** Black
Wet Location	**BZP** Bronze

S401 Short Arm – Flat Canopy

Flat Canopy design with short 3" arm. For remote mounted power supply. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH Ballast or LED driver. Wet Location Listed. Lamp included with LED fixtures only.

Ordering Information Example: **S401L1-2K-SP-BLK**

Model	Lamp/Watts	Hardware Finish
S401	M	-BLK
S401	**M** 12V MR16, 75W Max	**-BLK** Black
Wet Location	● **X** 20W CMH MR16	**-BZP** Bronze
	● **X3** 39W CMH MR16	

LED Version

Model	Lamp/Watts	Beam Spread	Hardware Finish
S401L1	-2K	-SP	-BLK
S401L1	● **-2K** 2700K	**-SP** Spot	**-BLK** Black
	● **-3K** 3000K	**-NFL** Narrow Flood	**-BZP** Bronze
	● **-4K** 4100K	**-FL** Flood	

S311 36" Shepherd Hook – Domed Canopy

Domed Canopy design for J-Box mounting. Complete with extensions for 18"/24"/30"/36" length fixture. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH ballast or LED driver. Wet Location Listed. Lamp included with LED fixtures only.

Ordering Information Example: **S311L1-2K-SP-BLK**

Model	Lamp/Watts	Hardware Finish
S311	M	-BLK
S311	**M** 12V MR16, 75W Max	**BLK** Black
Wet Location	● **X** 20W CMH MR16	**BZP** Bronze
	● **X3** 39W CMH MR16	

LED Version

Model	Lamp/Watts	Beam Spread	Hardware Finish
S311L1	-2K	-SP	-BLK
S311L1	● **-2K** 2700K	**-SP** Spot	**-BLK** Black
	● **-3K** 3000K	**-NFL** Narrow Flood	**-BZP** Bronze
	● **-4K** 4100K	**-FL** Flood	

S411 36" Shepherd Hook – Flat Canopy

Flat Canopy design for remote mounted power supply. Complete with extensions for 18"/24"/30"/36" length fixture. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH Ballast or LED driver. Wet Location Listed. Lamp included with LED fixtures only.

Ordering Information Example: **S411L1-2K-SP-BLK**

Model	Lamp/Watts	Hardware Finish
S411	M	-BLK
S411	**M** 12V MR16, 75W Max	**-BLK** Black
Wet Location	● **X** 20W CMH MR16	**-BZP** Bronze
	● **X3** 39W CMH MR16	

LED Version

Model	Lamp/Watts	Beam Spread	Hardware Finish
S411L1	-2K	-SP	-BLK
S411L1	● **-2K** 2700K	**-SP** Spot	**-BLK** Black
	● **-3K** 3000K	**-NFL** Narrow Flood	**-BZP** Bronze
	● **-4K** 4100K	**-FL** Flood	

● **ENERGY EFFICIENT** LED and CMH only.

Sign Lighters

S312 36" Dual Head Shepherd Hook – Domed Canopy

Domed Canopy design for J-Box mounting. Complete with extensions for 18"/24"/30"/36" length fixture. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH ballast or LED driver. Wet Location Listed. Lamp included with LED fixtures only.

Ordering Information Example: S312L1-2K-SP-BLK

Model	Lamp/Watts	Hardware Finish
S312	M	-BLK
S312	**M** 12V MR16, 75W Max ● **X** 20W CMH MR16 ● **X3** 39W CMH MR16	**-BLK** Black **-BZP** Bronze

LED Version

Model	Lamp/Watts	Beam Spread	Hardware Finish
S312L1	-2K	-SP	-BLK
S312L1	● **-2K** 2700K ● **-3K** 3000K ● **-4K** 4100K	**-SP** Spot **-NFL** Narrow Flood **-FL** Flood	**-BLK** Black **-BZP** Bronze

S412 Dual Head 36" Shepherd Hook – Flat Canopy

Flat Canopy design for remote mounted power supply. Complete with extensions for 18"/24"/30"/36" length fixture. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH Ballast or LED driver. Wet Location Listed. Lamp included with LED fixtures only.

Ordering Information Example: S412L1-2K-SP-BLK

Model	Lamp/Watts	Hardware Finish
S412	M	-BLK
S412	**M** 12V MR16, 75W Max ● **X** 20W CMH MR16 ● **X3** 39W CMH MR16	**-BLK** Black **-BZP** Bronze

LED Version

Model	Lamp/Watts	Beam Spread	Hardware Finish
S412L1	-2K	-SP	-BLK
S412L1	● **-2K** 2700K ● **-3K** 3000K ● **-4K** 4100K	**-SP** Spot **-NFL** Narrow Flood **-FL** Flood	**-BLK** Black **-BZP** Bronze

S313 36" Straight Arm – Domed Canopy

Domed Canopy design for J-Box mounting. Complete with extensions for 18"/24"/30"/36" length fixture. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH ballast or LED driver. Wet Location Listed. Lamp included with LED fixtures only.

Ordering Information Example: S313L1-2K-SP-BLK

Model	Lamp/Watts	Hardware Finish
S313	M	-BLK
S313	**M** 12V MR16, 75W Max ● **X** 20W CMH MR16 ● **X3** 39W CMH MR16	**-BLK** Black **-BZP** Bronze

LED Version

Model	Lamp/Watts	Beam Spread	Hardware Finish
S313L1	-2K	-SP	-BLK
S313L1	● **-2K** 2700K ● **-3K** 3000K ● **-4K** 4100K	**-SP** Spot **-NFL** Narrow Flood **-FL** Flood	**-BLK** Black **-BZP** Bronze

● **ENERGY EFFICIENT** LED and CMH only.

S413 36" Straight Arm – Flat Canopy

Flat Canopy design for remote mounted power supply. Complete with extensions for 18"/24"/30"/36" length fixture. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH Ballast or LED driver. Wet Location Listed. Lamp included with LED fixtures only.

Ordering Information Example: S413L1-2K-SP-BLK

Model	Lamp/Watts	Hardware Finish
S413	M	-BLK
S413	**M** 12V MR16, 75W Max ● **X** 20W CMH MR16 ● **X3** 39W CMH MR16	**-BLK** Black **-BZP** Bronze

LED Version

Model	Lamp/Watts	Beam Spread	Hardware Finish
S413L1	-2K	-SP	-BLK
S413L1	● **-2K** 2700K ● **-3K** 3000K ● **-4K** 4100K	**-SP** Spot **-NFL** Narrow Flood **-FL** Flood	**-BLK** Black **-BZP** Bronze

Sign Lighters

S314 36" Dual Head Straight Arm – Domed Canopy

Domed Canopy design for J-Box mounting. Complete with extensions for 18"/24"/30"/36" length fixture. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH ballast or LED driver. Wet Location Listed. Lamp included with LED fixtures only.

Ordering Information Example: S314L1-2K-SP-BLK

Model	Lamp/Watts	Hardware Finish
S314	M	-BLK
S314	**M** 12V MR16, 75W Max ● **X** 20W CMH MR16 ● **X3** 39W CMH MR16	**-BLK** Black **-BZP** Bronze

LED Version

Model	Lamp/Watts	Beam Spread	Hardware Finish
S314L1	-2K	-SP	-BLK
S314L1	● **-2K** 2700K ● **-3K** 3000K ● **-4K** 4100K	**-SP** Spot **-NFL** Narrow Flood **-FL** Flood	**-BLK** Black **-BZP** Bronze

S414 36" Dual Head Straight Arm – Flat Canopy

Flat Canopy design for remote mounted power supply. Complete with extensions for 18"/24"/30"/36" length fixture. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH Ballast or LED driver. Wet Location Listed. Lamp included with LED fixtures only.

Ordering Information Example: S414L1-2K-SP-BLK

Model	Lamp/Watts	Hardware Finish
S414	M	-BLK
S414	**M** 12V MR16, 75W Max ● **X** 20W CMH MR16 ● **X3** 39W CMH MR16	**-BLK** Black **-BZP** Bronze

LED Version

Model	Lamp/Watts	Beam Spread	Hardware Finish
S414L1	-2K	-SP	-BLK
S414L1	● **-2K** 2700K ● **-3K** 3000K ● **-4K** 4100K	**-SP** Spot **-NFL** Narrow Flood **-FL** Flood	**-BLK** Black **-BZP** Bronze

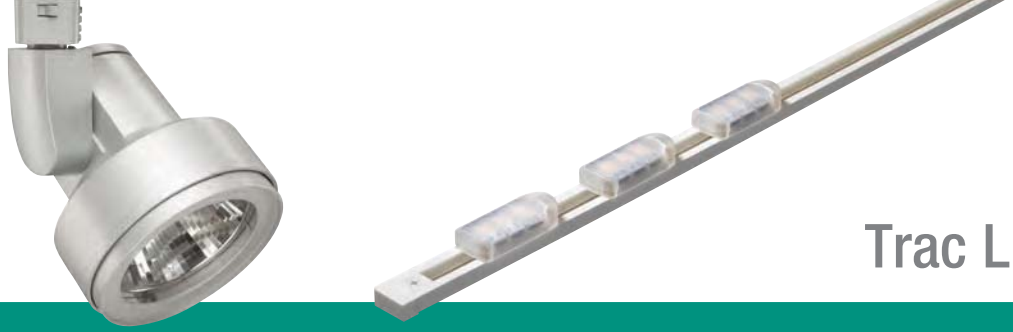
● **ENERGY EFFICIENT** LED and CMH only.

Amethyst Boutique

JUNO®

Trac Lighting

The award-winning family of Juno trac lighting systems provides a multitude of options for illuminating residential homes, offices, retail stores, hospitality establishments, and commercial facilities. Six distinct trac systems include literally thousands of products designed for optimum performance, whether the challenge is display, task, accent, or architectural lighting. Thanks to creative engineering, Juno trac systems perform at the highest levels of lighting effectiveness, energy efficiency, and operating economy. LED fixtures lead the way in every category, while alternative light sources including CMH and halogen assure that there is an answer for every need and budget.



Trac Lighting

LED … on-track with today's most advanced lighting technology

Juno® trac systems offer an ever-expanding range of LED luminaires across all its platforms. From trac heads, to linear lighting modules, to decorative pendants, Juno Lighting Group's LED product development team has harnessed the very latest technologies to take full advantage of LED's spectacular benefits. Juno LED trac lights produce high-quality light, consume just one-fifth the energy of halogen, and last up to 20-times longer. They save energy, help save the environment, and facilitate compliance with today's stringent energy codes.

Juno Cylindra™ and Conix® LED trac lights are contemporary yet timeless classics. They produce spot, narrow flood, or wide flood illumination using just a fraction of the energy of halogen. The go-to choice for retail display lighting.

Juno Arc™ LED Trac Lights employ a distinctive aesthetic and a unique optical system to deliver powerful illumination performance, using a fraction of the energy consumed by halogen.

Juno Trac 12™ LED Modules mount on the low-profile Trac 12 system for high-performance linear lighting. These ultra-efficient LED modules consume just 15% of the energy of equivalent xenon. The perfect solution for lighting showcases, cabinets, and coves.

Juno LED Mini-Cylinders and Directionals are no bigger than the palm of your hand, but produce big-time illumination and energy savings. Ideal for residential and retail accent lighting in confined quarters.

Juno LED Decorative Pendants provide energy-efficient illumination for counters and tabletops. From artisan-crafted glass to the simplicity of lustrous metal, these striking pendant designs integrate beautifully with any décor.

Masters in the art of trac lighting

The Juno brand offers a dazzling array of trac systems, fixture/light-source combinations, and accessories. Every product is designed to deliver optimum performance, reliability, and efficiency. No matter what the application, there's a trac system solution designed to put just the right amount of light exactly where it is needed.

Trac-Master® is the workhorse of the Juno trac system family, featuring the largest selection of fixtures, light sources, accessories, and options. Line voltage or low voltage, Trac-Master has it all, does it all.

HD Commercial Trac Lighting is a 2-circuit/2-neutral system that is ideal for dimming-intensive applications, or where grid layouts or a more robust trac system are desired. It is available for either 120V or 277V operating environments.

Trac 12™ is a miniaturized, low voltage system that goes where no other trac system can. It provides accent lighting in cramped quarters, or fits easily into casework, coves, or displays to create linear lighting effects.

Flex 12™ is an elegant, low voltage monorail system that can be hand-bent into shapely curves, lending an artistic flavor to any environment. Easy to order and simple to install.

MonoLine® is a line voltage system with an artistic bent that can be hand-shaped to follow curved walls or architectural features. MonoLine offers a stunning fixture collection and can also accept a variety of Juno low voltage fixtures and Decorative Pendants via its Quick Jack Transformer Adapters.

Trac-Lites™ is an economical system, offering an assortment of traditional fixture styles and a variety of line voltage and low voltage kits. Trac-Lites trac is fully-compatible with Trac-Master fixtures; likewise, Trac-Lites fixtures may be used on Trac-Master trac.

Trac-Master®

Multi-Lamp

Page 856

AVIO® CMH MR16

Page 859

AVIO® Halogen MR16

Page 861

AVIO® Halogen PAR30

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Uno/Duo™ Halogen PAR30

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Uno/Duo™ Halogen MR16

LED Series

LED PRODUCT

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LED Arc™

LED PRODUCT

Page 867

LED Cylindra™

LED PRODUCT

Page 870

LED Conix®

LED PRODUCT

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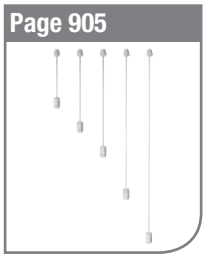

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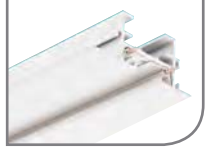
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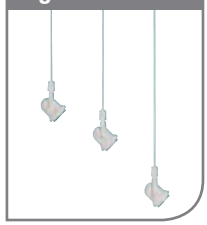
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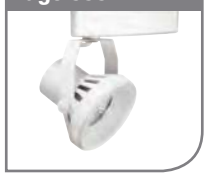
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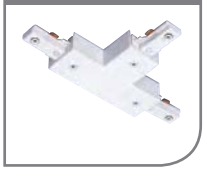
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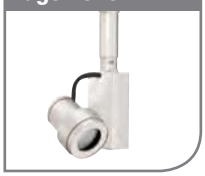

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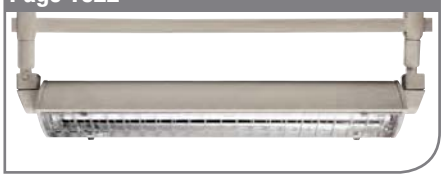

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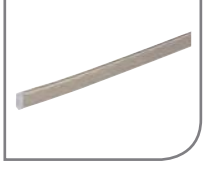

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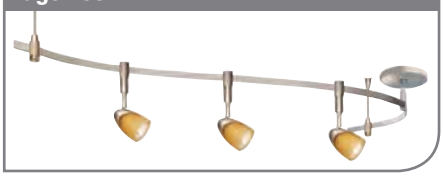

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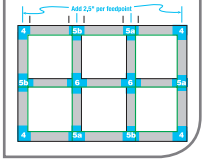

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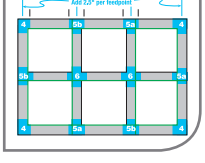

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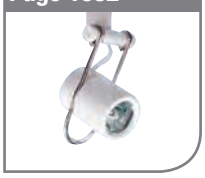
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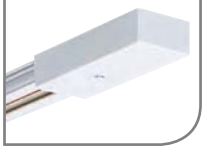
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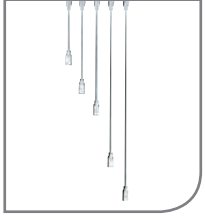
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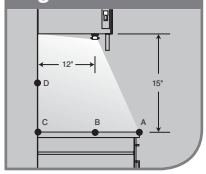

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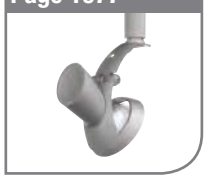

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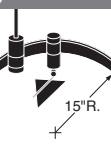

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LED Quick Jack Monopoints

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Pendant Kits

Mini-Pendants

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LED Mini-Pendants

element

ORGANIC
ORGANIC
ORGANIC
ORGANIC

Visualize a lighting effect… create it with the Trac-Master system. A flexible selection of trac mounting options, light sources, fixture designs, and optical control accessories make Trac-Master trac lighting the logical choice for efficient, functional and attractive lighting solutions.

The Trac-Master system is the "workhorse" for spot-lighting, ambient lighting and wall washing. This trac lighting system provides unparalleled flexibility and product options to solve virtually any display and accent lighting challenge for homes, retail, restaurants, hospitality, reception areas, and commercial spaces.

To complement the Juno Trac-Master AVIO fixtures, AVIO surface and recessed fixtures are available also in the Indy section of this guide.

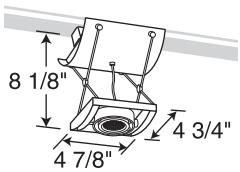
AVIO® - CMH MR16, GX10

The AVIO CMH MR16 system integrates one to four energy efficient CMH MR16 lamps into linear or quad-configured, trac-mounted luminaires. High power factor electronic ballasts provide optimum CRI performance along with lamp color consistency and stability. The concentric gimbal ring design provides aiming in all directions while the fixture plane remains aligned to the trac. Matching surface and recessed mount fixtures (shown in the Indy section) complete this versatile and visually compelling series.

Integral Electronic Ballast

Catalog #	Finish	Lamp
XT16101-20H-WH	White	One 20W CMH MR16
XT16101-20H-BL	Black	
XT16101-20H-SL	Silver	
XT16101-39H-WH	White	One 39W CMH MR16
XT16101-39H-BL	Black	
XT16101-39H-SL	Silver	

Dimensions



Shown with Airfoil Trim Accessory (Order Separately)

Airfoil Trim Accessory	
X16101WH	White
X16101BL	Black
X16101SL	Silver

Light Control Accessories

For Fixture:	*XT16101*		
Color Filters	**T741-6**	Diffuse Spread Lens	**T7420**
Dichroic Lenses	**T7401-18**	Linear Spread Lens	**T7478**
Color Correction Filter	**T7419**	Prismatic Spread Lens	**T7477**
UV Filter	**T7422**	Hexcell Louver	**T7459BL**
Uniformity Lens	**T7421**		

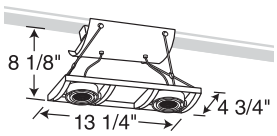
Note: Accepts up to one 2" accessory.

The product and system may be covered by the following United States patents: D514,738; D510,641; D516,239

Integral Electronic Ballast

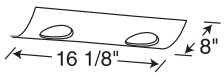
Catalog #	Finish	Lamp
XT16201-20H-WH	White	Two 20W CMH MR16
XT16201-20H-BL	Black	
XT16201-20H-SL	Silver	
XT16201-39H-WH	White	Two 39W CMH MR16
XT16201-39H-BL	Black	
XT16201-39H-SL	Silver	

Dimensions



Shown with Airfoil Trim Accessory (Order Separately)

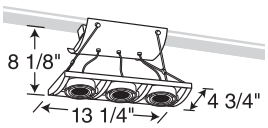
Airfoil Trim Accessory	
X16201WH	White
X16201BL	Black
X16201SL	Silver



Integral Electronic Ballast

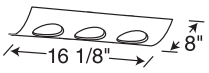
Catalog #	Finish	Lamp
XT16301-20H-WH	White	Three 20W CMH MR16
XT16301-20H-BL	Black	
XT16301-20H-SL	Silver	
XT16301-39H-WH	White	Three 39W CMH MR16
XT16301-39H-BL	Black	
XT16301-39H-SL	Silver	

Dimensions



Shown with Airfoil Trim Accessory (Order Separately)

Airfoil Trim Accessory	
X16301WH	White
X16301BL	Black
X16301SL	Silver



Light Control Accessories

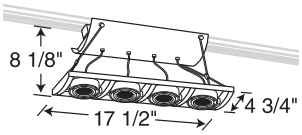
For Fixtures:	*XT16201, XT16301*
Color Filters	**T741-6**
Dichroic Lenses	**T7401-18**
Color Correction Filter	**T7419**
Diffuse Spread Lens	**T7420**
Uniformity Lens	**T7421**
UV Filter	**T7422**
Prismatic Spread Lens	**T7477**
Linear Spread Lens	**T7478**
Hexcell Louver	**T7459BL**

Note: Accepts up to one 2" accessory.

Integral Electronic Ballast

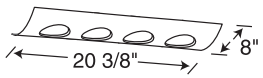
Catalog #	Finish	Lamp
XT16401-20H-WH	White	Four 20W CMH MR16
XT16401-20H-BL	Black	
XT16401-20H-SL	Silver	
XT16401-39H-WH	White	Four 39W CMH MR16
XT16401-39H-BL	Black	
XT16401-39H-SL	Silver	

Dimensions



Shown with Airfoil Trim Accessory (Order Separately)

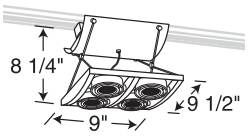
Airfoil Trim Accessory	
X30401WH	White
X30401BL	Black
X30401SL	Silver



Integral Electronic Ballast

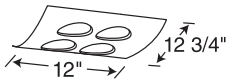
Catalog #	Finish	Lamp
XT16404-20H-WH	White	Four 20W CMH MR16
XT16404-20H-BL	Black	
XT16404-20H-SL	Silver	
XT16404-39H-WH	White	Four 39W CMH MR16
XT16404-39H-BL	Black	
XT16404-39H-SL	Silver	

Dimensions



Shown with Airfoil Trim Accessory (Order Separately)

Airfoil Trim Accessory	
X30404WH	White
X30404BL	Black
X30404SL	Silver



Light Control Accessories

For Fixtures:	*XT16401, XT16404*
Color Filters	**T741-6**
Dichroic Lenses	**T7401-18**
Color Correction Filter	**T7419**
Diffuse Spread Lens	**T7420**
Uniformity Lens	**T7421**
UV Filter	**T7422**
Prismatic Spread Lens	**T7477**
Linear Spread Lens	**T7478**
Hexcell Louver	**T7459BL**

Note: Accepts up to one 2" accessory.

AVIO® - Halogen MR16

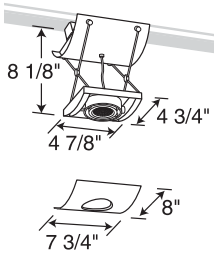
The AVIO Halogen MR16 system integrates one to four halogen MR16 lamps into linear or quad-configured, trac-mounted luminaires. The concentric gimbal ring design provides aiming in all directions while the fixture plane remains aligned to the trac. Matching surface and recessed mount fixtures (shown in the Indy section) complete this versatile and visually compelling series.

Integral 12V Electronic Transformer

Shown with Airfoil Trim Accessory (Order Separately)

Catalog #	Finish	Lamp
XT16101WH	White	One 12V, 20-75W MR16
XT16101BL	Black	
XT16101SL	Silver	
Airfoil Trim Accessory		
X16101WH	White	
X16101BL	Black	
X16101SL	Silver	

Dimensions

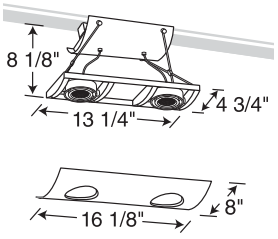


Integral 12V Electronic Transformer

Shown with Airfoil Trim Accessory (Order Separately)

Catalog #	Finish	Lamp
XT16201WH	White	Two 12V, 20-75W MR16
XT16201BL	Black	
XT16201SL	Silver	
Airfoil Trim Accessory		
X16201WH	White	
X16201BL	Black	
X16201SL	Silver	

Dimensions

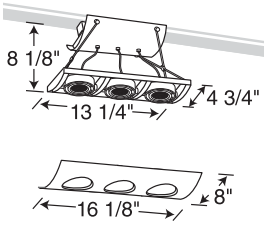


Integral 12V Electronic Transformer

Shown with Airfoil Trim Accessory (Order Separately)

Catalog #	Finish	Lamp
XT16301WH	White	Three 12V, 20-50W MR16
XT16301BL	Black	
XT16301SL	Silver	
Airfoil Trim Accessory		
X16301WH	White	
X16301BL	Black	
X16301SL	Silver	

Dimensions



Light Control Accessories

For Fixtures:	*XT16101, XT16201, XT16301*
Color Filters	**T741-6**
Dichroic Lenses	**T7401-18**
Diffuse Spread Lens	**T7420**
Uniformity Lens	**T7421**
UV Filter	**T7422**
Prismatic Spread Lens	**T7477**
Linear Spread Lens	**T7478**
Hexcell Louver	**T7459BL**

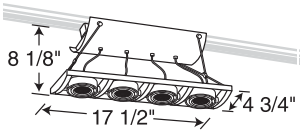
Note: Accepts up to two 2" accessories.

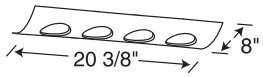
Integral 12V Electronic Transformer

Shown with Airfoil Trim Accessory (Order Separately)

Catalog #	Finish	Lamp
XT16401WH	White	Four 12V, 20-50W MR16
XT16401BL	Black	
XT16401SL	Silver	
Airfoil Trim Accessory		
X16401WH	White	
X16401BL	Black	
X16401SL	Silver	

Dimensions



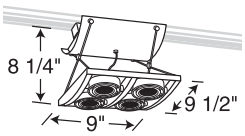


Integral 12V Electronic Transformer

Shown with Airfoil Trim Accessory (Order Separately)

Catalog #	Finish	Lamp
XT16404WH	White	Four 12V, 20-50W MR16
XT16404BL	Black	
XT16404SL	Silver	
Airfoil Trim Accessory		
X16404WH	White	
X16404BL	Black	
X16404SL	Silver	

Dimensions



Light Control Accessories

For Fixtures:	*XT16401, XT16404*
Color Filters	**T741-6**
Dichroic Lenses	**T7401-18**
Diffuse Spread Lens	**T7420**
Uniformity Lens	**T7421**
UV Filter	**T7422**
Prismatic Spread Lens	**T7477**
Linear Spread Lens	**T7478**
Hexcell Louver	**T7459BL**

Note: Accepts up to two 2" accessories.

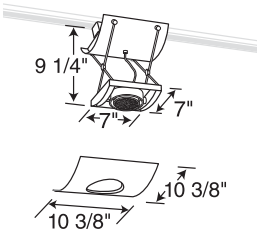
AVIO® Halogen PAR30

The AVIO Halogen PAR30 system integrates one to four Halogen PAR30 lamps into linear or quad-configured, trac-mounted luminaires. The concentric gimbal ring design provides aiming in all directions while the fixture plane remains aligned to the trac. Optional airfoil trims can be specified to hide the lamp socket and wiring above the fixture. Matching surface and recessed mount fixtures (shown in the Indy section) complete this versatile and visually compelling series.

Shown with Airfoil Trim Accessory (Order Separately)

Catalog #	Finish	Lamp
XT30101WH	White	One 35-75W PAR30
XT30101BL	Black	
XT30101SL	Silver	
Airfoil Trim Accessory		
X30101WH	White	
X30101BL	Black	
X30101SL	Silver	

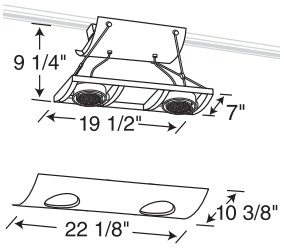
Dimensions



Shown with Airfoil Trim Accessory (Order Separately)

Catalog #	Finish	Lamp
XT30201WH	White	Two 35-75W PAR30
XT30201BL	Black	
XT30201SL	Silver	
Airfoil Trim Accessory		
X30201WH	White	
X30201BL	Black	
X30201SL	Silver	

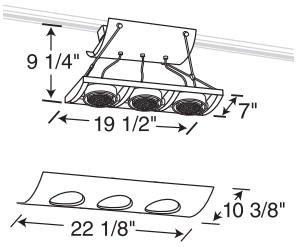
Dimensions



Shown with Airfoil Trim Accessory (Order Separately)

Catalog #	Finish	Lamp
XT30301WH	White	Three 35-75W PAR30
XT30301BL	Black	
XT30301SL	Silver	
Airfoil Trim Accessory		
X30301WH	White	
X30301BL	Black	
X30301SL	Silver	

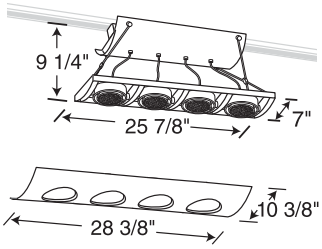
Dimensions



Shown with Airfoil Trim Accessory (Order Separately)

Catalog #	Finish	Lamp
XT30401WH	White	Four 35-75W PAR30
XT30401BL	Black	
XT30401SL	Silver	
Airfoil Trim Accessory		
X30401WH	White	
X30401BL	Black	
X30401SL	Silver	

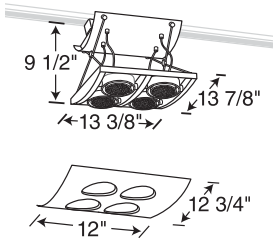
Dimensions



Shown with Airfoil Trim Accessory (Order Separately)

Catalog #	Finish	Lamp
XT30404WH	White	Four 35-75W PAR30
XT30404BL	Black	
XT30404SL	Silver	
Airfoil Trim Accessory		
X30404WH	White	
X30404BL	Black	
X30404SL	Silver	

Dimensions

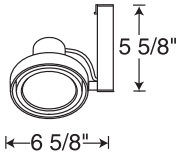


Uno/Duo™ – Open PAR30

The concentric gimbal rings springing off the bottom edge of the chiseled monolith is a perfect example of "form follows function" in design. The monolith remains perfectly aligned with the trac while the gimbal ring mechanisms are free to provide broad aiming capability. On PAR30 versions, the monolith simply provides the pivot point for the gimbal rings and maintains a consistent appearance with the MR16 low voltage version. Framed Duo models share some of the same design details of the AVIO® series allowing both to be tastefully integrated into the same environment.

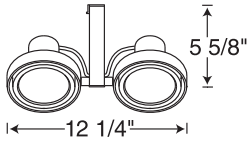
Catalog #	Finish	Lamp
T831WH	White	One 35-75W PAR30
T831BL	Black	
T831SL	Silver	

Dimensions



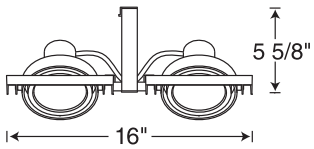
Catalog #	Finish	Lamp
T832WH	White	Two 35-75W PAR30
T832BL	Black	
T832SL	Silver	

Dimensions



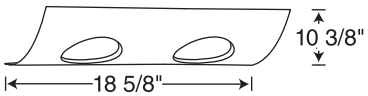
Catalog #	Finish	Lamp
T834WH	White	Two 35-75W PAR30
T834BL	Black	
T834SL	Silver	

Dimensions



Shown with Airfoil Trim Accessory (Order Separately)

Airfoil Trim Accessory		
T834T-WH	White	
T834T-BL	Black	
T834T-SL	Silver	



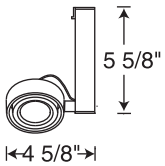
Uno/Duo™ – Open MR16

The concentric gimbal rings springing off the bottom edge of the chiseled monolith is a perfect example of "form follows function" in design. The monolith remains perfectly aligned with the trac while the gimbal ring mechanisms are free to provide broad aiming capability. On MR16 versions, the integral transformer is cleverly concealed in the monolith. Framed Duo models share some of the same design details of the AVIO® series allowing both to be tastefully integrated into the same environment.

Integral 12V Electronic Transformer

Catalog #	Finish	Lamp
T811WH	White	One 12V, 20-75W MR16
T811BL	Black	
T811SL	Silver	

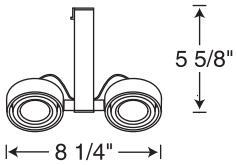
Dimensions



Integral 12V Electronic Transformer

Catalog #	Finish	Lamp
T812WH	White	Two 12V, 20-50W MR16
T812BL	Black	
T812SL	Silver	

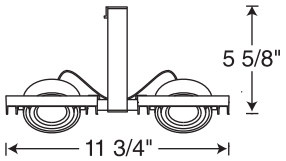
Dimensions



Integral 12V Electronic Transformer

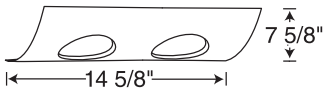
Catalog #	Finish	Lamp
T814WH	White	Two 12V, 20-50W MR16
T814BL	Black	
T814SL	Silver	

Dimensions



Shown with Airfoil Trim Accessory (Order Separately)

Airfoil Trim Accessory	
T814T-WH	White
T814T-BL	Black
T814T-SL	Silver



Light Control Accessories

For Fixtures:	*T811, T812, T814*
Color Filters	**T741-6**
Dichroic Lenses	**T7401-18**
Diffuse Spread Lens	**T7420**
Uniformity Lens	**T7421**
UV Filter	**T7422**
Prismatic Spread Lens	**T7477**
Linear Spread Lens	**T7478**
Hexcell Louver	**T7459BL**

Note: Accepts up to two 2" accessories.

The product and system may be covered by the following United States patents: D525,737; D520,177; D514,251

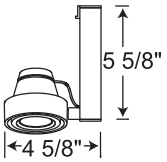
Uno/Duo™ – Enclosed MR16

The concentric gimbal rings springing off the bottom edge of the chiseled monolith is a perfect example of "form follows function" in design. The monolith remains perfectly aligned with the trac while the gimbal ring mechanisms are free to provide broad aiming capability. On MR16 versions, the integral transformer is cleverly concealed in the monolith. Framed Duo models share some of the same design details of the AVIO® series allowing both to be tastefully integrated into the same environment. The Uno/Duo – Enclosed Series provides optimal lamp shielding, eliminating the stray backlight effect from the lamps.

Integral 12V Electronic Transformer

Catalog #	Finish	Lamp
T816WH	White	One 12V, 20-50W MR16
T816BL	Black	
T816SL	Silver	

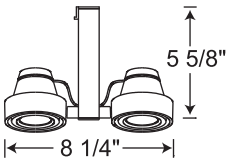
Dimensions



Integral 12V Electronic Transformer

Catalog #	Finish	Lamp
T817WH	White	Two 12V, 20-50W MR16
T817BL	Black	
T817SL	Silver	

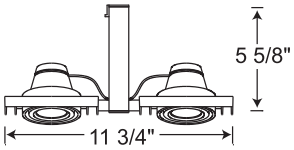
Dimensions



Integral 12V Electronic Transformer

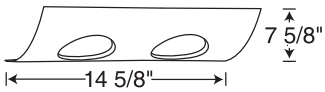
Catalog #	Finish	Lamp
T819WH	White	Two 12V, 20-50W MR16
T819BL	Black	
T819SL	Silver	

Dimensions



Shown with Airfoil Trim Accessory (Order Separately)

Airfoil Trim Accessory	
T814T-WH	White
T814T-BL	Black
T814T-SL	Silver



Light Control Accessories

For Fixtures:	*T816, T817, T819*
Color Filters	**T741-6**
Dichroic Lenses	**T7401-18**
Diffuse Spread Lens	**T7420**
Uniformity Lens	**T7421**
UV Filter	**T7422**
Prismatic Spread Lens	**T7477**
Linear Spread Lens	**T7478**
Hexcell Louver	**T7459BL**

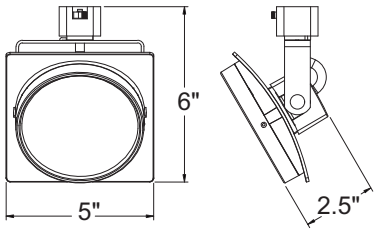
Note: Accepts up to two 2" accessories.

The product and system may be covered by the following United States patents: D564,120; D520,177; D514,251

Trac-Master® | LED Series
Arc™ T271L

Arc™ T271L

The ultra-efficient optical system of the Arc LED trac fixture maximizes efficiency while minimizing fixture depth, yielding a unique and attractive aesthetic. It approximates the light output and distribution of 60-75W PAR30 halogen lamps, utilizing about 20% of the energy and having a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures with a typical 85 CRI. Optional high CRI versions are available in 2700K or 3000K with a typical 93 CRI. There are also Enhanced Spectrum versions to bring out color depth in retail goods, artwork, etc. The Arc LED is available with or without louver to optimize visual cutoff; there is also a louver accessory that can be added at a later time if desired.



Ordering Information

Examples: **T271L27HCSWH, T271L3KNCCLWH**

Series	Color Temperature	Color Rendering Index	Beam Spread	Lensholder	Finish
T271L	27	HC	S		WH
T271L 13W Arc LED	**27** - 2700K **3** - 3000K **35** - 3500K **4** - 4000K	**K** - 85 CRI Typical **HC**[1] - 93 CRI Typical **ES**[2] - Enhanced Spectrum	**S** - 12˚ Spot **N** - 23˚ Narrow Flood **F** - 35˚ Wide Flood	**Blank** - No Louver **CCL** - Louvered	**BL** - Black **SL** - Silver **WH** - White

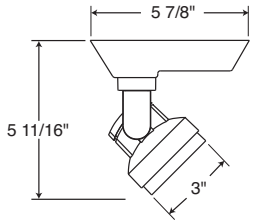
[1] 2700K & 3000K only
[2] 2700K, 3000K & 3500K only

See specification sheet to determine which models are ENERGY STAR® or DesignLights™ Consortium Qualified.

Trac-Master® | LED Series
Cylindra™ 18W LED

Cylindra™ T252L

The Cylindra 18W LED approximates the light output and distribution of 75W MR16 halogen lamps, utilizing less than 1/4 of the energy and having a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures with a typical 85 CRI. An optional high CRI version is available in 3000K with a typical 93 CRI and R9 greater than 50. The white-light Cylindra LED is compatible with all Juno line voltage trac and T58 monopoints. The contemporary styling of the Cylindra LED enables it to subtly enhance practically any decor without diverting attention from the surrounding environment. Soft curved surfaces combine with clean, crisp edges to provide a uniquely attractive aesthetic. Cylindra's integral, bayonet-mounted accessory holder accommodates one accessory if desired. TWLED extension wands are also available, enabling the T252L to be moved closer to the object being illuminated without lowering the trac mounting plane.



Ordering Information

Examples: **T252L-27K-S-BL, T252L-3K-HC-N-WH**

Series		Color Temperature		Color Rendering Index		Beam Spread		Finish
T252L	–	27K	–		–	S	–	BL
T252L 18W Cylindra LED		**27K** - 2700K **3K** - 3000K **35K** - 3500K **4K** - 4000K		**Blank** - 85 CRI Typical **HC**[1] - 93 CRI Typical [1] 3000K only		**S** - 12˚ Spot **N** - 23˚ Narrow Flood **F** - 34˚ Flood		**BL** - Black **SL** - Silver **WH** - White

Light Control Accessories

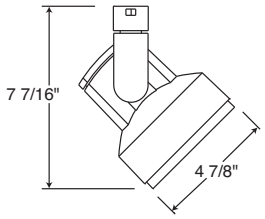
For Fixture:	*T252L*
Color Filters	**T741-6**
Dichroic Filters	**T7401-16**
Color Correction Filter	**T7418***
Diffusion Lens	**T7420**
Uniformity Lens	**T7421**
Prismatic Spread Lens	**T7477**
Linear Spread Lens	**T7478**
Hexcell Louver	**T7459BL**

* T7418 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.

Trac-Master® | LED Series
Cylindra™ 19W LED

Cylindra™ T254L

The Cylindra 19W LED approximates the light output and distribution of 75W PAR30 halogen lamps, utilizing approximately 1/4 of the energy and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures with a typical 85 CRI. Optional high CRI versions are available in 2700K or 3000K with a typical 93 CRI and R9 greater than 50. There are also Enhanced Spectrum versions to bring out color depth in retail goods, artwork, etc. The contemporary styling of the Cylindra LED enables it to subtly enhance practically any decor without diverting attention from the surrounding environment. Soft curved surfaces combine with clean, crisp edges to provide a uniquely attractive aesthetic. Cylindra's integral, bayonet-mounted accessory holder accommodates up to two accessories if desired.



Ordering Information

Examples: **T254L-27K-ES-N-WH, T254L-35K-F-BL**

Series		Color Temperature		Color Rendering Index		Beam Spread		Finish
T254L	–	27K	–	ES	–	N	–	WH
T254L 19W Cylindra LED		**27K** - 2700K **3K** - 3000K **35K** - 3500K **4K** - 4000K		**Blank** - 85 CRI Typical **HC**[1] - 93 CRI Typical **ES**[2] - Enhanced Spectrum		**S** - 13˚ Spot **N** - 28˚ Narrow Flood **F** - 45˚ Wide Flood		**BL** - Black **SL** - Silver **WH** - White

[1] 2700K & 3000K only
[2] 2700K, 3000K & 3500K only

Light Control Accessories

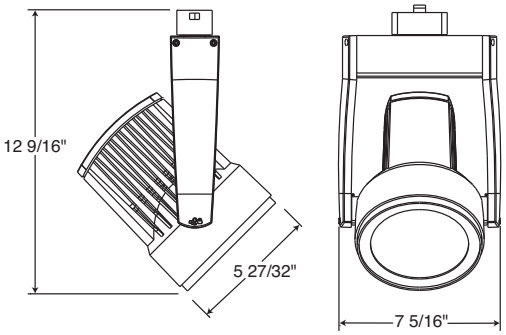
For Fixture:	*T254L*
Color Filters	**T561-6**
Color Correction Filter	**T5618***
Uniformity Lens	**T5621**
Prismatic Spread Lens	**T5677**
Linear Spread Lens	**T5678**
Cube Cell Louver	**T569BL**

* T5618 corrects 3000K color to approximately 2700K and 4000K color to approximately 3500K.

Trac-Master® | LED Series
45W Cylindra™ LED

Juno Cylindra™ T255LED

The Juno Cylindra™ 45W LED trac fixture approximates the light output and distribution of 39W PAR30L ceramic metal halide lamps, utilizing about the same amount of energy, but having a rated life of 50,000 hours and significantly better lumen maintenance over life. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light Cylindra LED is compatible with all Juno line voltage trac and T43 monopoints. The contemporary styling of the Cylindra LED enables it to subtly enhance practically any decor without diverting attention from the surrounding environment. Soft curved surfaces combine with clean, crisp edges to provide a uniquely attractive aesthetic. Cylindra's integral, bayonet-mounted accessory holder accommodates up to two accessories if desired. Dimming and non-dimming versions available. Dimming fixture versions may be dimmed with a wide variety of reverse phase electronic low voltage (ELV) dimmers approved by Juno – contact factory for a list of approved dimmers or to confirm compatibility with a desired dimmer.



Ordering Information

Examples: **T255LED-27D-SP-WH, T255LED-3K-NFL-SL**

Series		Color Temperature	Dimming Compatibility		Beam Spread		Finish
T255LED	–	27	D	–	SP	–	WH
T255LED 45W Cylindra LED		**27** - 2700K **3** - 3000K **35** - 3500K **4** - 4000K	**D** - Dimmable **K** - Not Dimmable		**SP** - 8˚ Spot **NFL** - 23˚ Narrow Flood **FL** - 40˚ Flood		**BL** - Black **SL** - Silver **WH** - White

Light Control Accessories

For Fixture:	*T255LED*
Color Filters	**T571-6**
Color Correction Filter	**T5718***
Uniformity Lens	**T5721**
Prismatic Spread Lens	**T5777**
Linear Spread Lens	**T5778**
Cube Cell Louver	**T579BL**

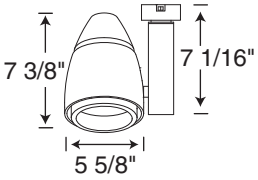
***** T5718 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.

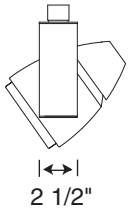
T255LED Series fixtures can be used with the T43 Monopoint Canopy.

Trac-Master® | LED Series
35W Conix® LED

Conix® T209LED

The sleek sculpted aesthetic of the Conix LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. Conix LED fixtures have integral reflectors which enable uniform spot, flood or narrow flood distributions to be achieved. These lampholders have integral snap-in accessory holders that can accommodate one accessory in place of the clear glass lens provided. The Conix 35W LED delivers up to 1782 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light Conix LED is compatible with all Juno line voltage trac and monopoints.





Ordering Information

Examples: **T209LED-27K-SP-WH, T209LED-3D-NFL-SL**

Series		Color Temperature	Dimming Compatibility		Beam Spread		Finish
T209LED	–	27	K	–	SP	–	WH
T209LED 35W Conix LED		**27** - 2700K **3** - 3000K **35** - 3500K **4** - 4000K	**K** - Not Dimmable **D** - Dimmable		**SP** - 8˚ Spot **NFL** - 23˚ Narrow Flood **FL** - 44˚ Flood		**BL** - Black **SL** - Silver **WH** - White

Light Control Accessories

For Fixture:	*T209LED*
Cube Cell Louver	**T579BL**
Color Correction Filter	**T5718***

* T5718 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.

T209LED Series fixtures can be used with the T43 Monopoint Canopy.

Trac-Master® | LED Series
Quick Jack LED Spotlight and Directionals

TQJ114 LED Mini-Cylinder Spotlight

The 6-watt Juno Quick Jack LED Mini-Cylinder Spotlight approximates the light output and distribution of 20W MR11 halogen lamps, utilizing less than 1/3 of the energy and having a rated life of 50,000 hours. Available in 2700K, 3000K and 4100K color temperatures, the white-light TQJ114 Series is compatible with Juno Trac-Master or Trac-Lites trac when combined with the T537QJU LED-compatible driver, as well as with Juno QJL LED-compatible MonoPoints.

Ordering Information

Example: **TQJ114-2K-SP-BL**

Series	Color Temperature	Beam Spread	Finish
TQJ114	2K	SP	BL
TQJ114 Quick Jack LED Mini-Cylinder Spotlight	**2K** - 2700K **3K** - 3000K **4K** - 4100K	**SP** - Spot **NFL** - Narrow Flood **FL** - Flood	**BL** - Black **STN** - Satin Nickel **WH** - White

SP992 Reno Quick Jack LED Directional

The 6-watt Juno Quick Jack LED SP992 Directional approximates the light output of 20W MR11 halogen lamps, utilizing less than 1/3 the energy with a rated life of 50,000 hours. Available in 2700K, 3000K and 4100K color temperatures, the white-light SP992 utilizes Juno's proprietary Quick Jack system for installation on MonoPoints powered by Juno® LED approved 12V AC transformers. Adapters are also available for mounting on line voltage Juno MonoLine® and Juno Trac-Master®, Flex 12™ and Trac 12™.

Ordering Information

Example: **SP992-2S-STN-BLU**

Series	Color Temperature	Beam Spread	Hardware Finish	Shade Finish
SP992	2	S	STN	BLU
SP992 Quick Jack LED Directional	**2** - 2700K **3** - 3000K **4** - 4100K	**S** - Spot **N** - Narrow Flood **F** - Flood	**STN** - Satin Nickel	**BLK** - Black **BLU** - Blue **CHR** - Chrome **RED** - Red **YEL** - Yellow

SP995 Vegas Quick Jack LED Directional

The 6-watt Juno Quick Jack LED SP995 Directional approximates the light output of 20W MR11 halogen lamps, utilizing less than 1/3 the energy with a rated life of 50,000 hours. Available in 2700K, 3000K and 4100K color temperatures, the white-light SP995 utilizes Juno's proprietary Quick Jack system for installation on MonoPoints powered by Juno® LED approved 12V AC transformers. Adapters are also available for mounting on line voltage Juno MonoLine® and Juno Trac-Master®, Flex 12™ and Trac 12™.

Ordering Information

Example: **SP995-3S-STN-AMB**

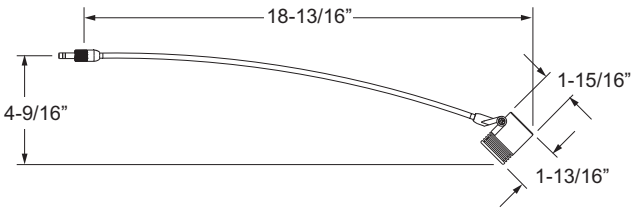
Series	Color Temperature	Beam Spread	Hardware Finish	Shade Finish
SP995	3	S	STN	BLU
SP995 Quick Jack LED Directional	**2** - 2700K **3** - 3000K **4** - 4100K	**S** - Spot **N** - Narrow Flood **F** - Flood	**STN** - Satin Nickel	**AMB** - Amber **BLU** - Blue **CLR** - Clear **FRT** - Frost **STN** - Satin Nickel

Trac-Master® | LED Series

Quick Jack LED Mini-Cylinder Display/Picture Lights 12-Volt AC

TQJDLH LED Mini-Cylinder Display/Picture Light Horizontal Mount

The horizontal mount Quick Jack LED Mini-Cylinder Display/Picture Light approximates the light output and distribution of 20W MR11 halogen lamps, utilizing less than 1/3 of the energy and having a rated life of 50,000 hours. Available in 2700K, 3000K and 4100K color temperatures, the white-light TQJDLH Series is ideal for short-throw applications such as lighting artwork, signs, menu boards, posters and practically any vertical surface. It is designed to be mounted horizontally from a vertical plane and its Quick Jack adapter makes it compatible with a variety of Juno LED-compatible Quick Jack mountings including 902QJ, 907QJ, 905QJL and 99014QJL Quick Jack Monopoints, T537QJU and MLTQJL Quick Jack Transformers, TFQJA and TLQJA Quick Jack adapters or the versatile TQJDL-CLAMP Quick Jack Power Clamp. The TQJDLH Series can be dimmed when used with any Juno dimmable 12-volt AC transformer.



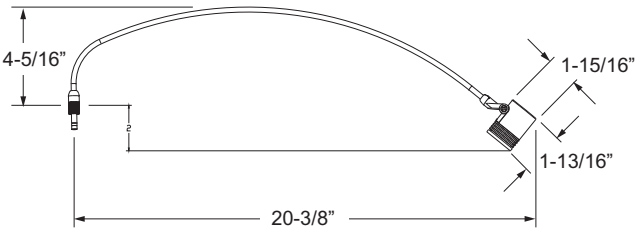
Ordering Information

Example: **TQJDLH-27K-SP-BL**

Series		Color Temperature		Beam Spread		Finish
TQJDLH	–	27K	–	SP	–	BL
TQJDLH Quick Jack LED Mini-Cylinder Display/Picture Light Horizontal Mount		**27K** - 2700K **3K** - 3000K **4K** - 4100K		**SP** - 16° Spot **NFL** - 22° Narrow Flood **FL** - 38° Flood		**BL** - Black **STN** - Satin Nickel **WH** - White

TQJDLV LED Mini-Cylinder Display/Picture Light Vertical Mount

The vertical mount Quick Jack LED Mini-Cylinder Display/Picture Light approximates the light output and distribution of 20W MR11 halogen lamps, utilizing less than 1/3 of the energy and having a rated life of 50,000 hours. Available in 2700K, 3000K and 4100K color temperatures, the white-light TQJDLH Series is ideal for short-throw applications such as lighting artwork, signs, menu boards, posters and practically any vertical surface. It is designed to be mounted vertically from a horizontal plane, enabling it to "reach over" from behind displays or crown molding on cabinets or shelving units. The Quick Jack adapter makes it compatible with a variety of Juno LED-compatible Quick Jack mountings including 902QJ, 907QJ, 905QJL and 99014QJL Quick Jack Monopoints, T537QJU and MLTQJL Quick Jack Transformers, TFQJA and TLQJA Quick Jack adapters or the versatile TQJDL-CLAMP Quick Jack Power Clamp. The TQJDLV Series can be dimmed when used with any Juno dimmable 12-volt AC transformer.



Ordering Information

Example: **TQJDLV-27K-SP-BL**

Series		Color Temperature		Beam Spread		Finish
TQJDLV	–	27K	–	SP	–	BL
TQJDLV Quick Jack LED Mini-Cylinder Display/Picture Light Vertical Mount		**27K** - 2700K **3K** - 3000K **4K** - 4100K		**SP** - 16° Spot **NFL** - 22° Narrow Flood **FL** - 38° Flood		**BL** - Black **STN** - Satin Nickel **WH** - White

Quick Jack Power Clamp

For the ultimate in convenience, the LED Mini-Cylinder Display/Picture Lights can be powered using an innovative clamp-style mounting device that features an integral transformer, electrical cord and plug. The integral Quick Jack Receptacle can easily be rotated to accept either a horizontal mount or vertical mount Display/Picture Light, or any other Juno Quick Jack fixture. The Quick Jack Power Clamp can be quickly installed in a wide variety of locations that have access to a standard electrical outlet … perfect for illuminating cubicle walls, concierge stations, trade show booth signage and the like.

Construction

20 gauge die formed steel housing • Polyester powder coat paint finish • Available in white or black finishes • Clamp mechanism enables clamping of up to 2-3/4″ thick flat surfaces or 1-3/4″dia. pipe • May be operated in any orientation • Includes Quick Jack receptacle which can be easily rotated from top of housing to end of housing • Provided with matching color 8′ grounded cord & plug for maximum portability and adjustability.

Electrical

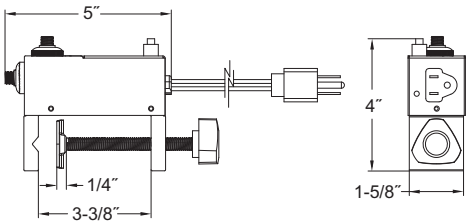
12VAC, 50VA transformer • 120VAC input • Halogen or LED compatible • May be used with any Juno Quick Jack fixture • Includes push-button on/off switch.

Labels

ETL classified to UL 153 for use in U.S. • ETL classified to CSA C22.2 No. 12 for use in Canada.

Catalog #	Finish	Description
TQJDL-CLAMP-BL	Black	• 12V, 50W Quick Jack Power Clamp
TQJDL-CLAMP-WH	White	

Dimensions



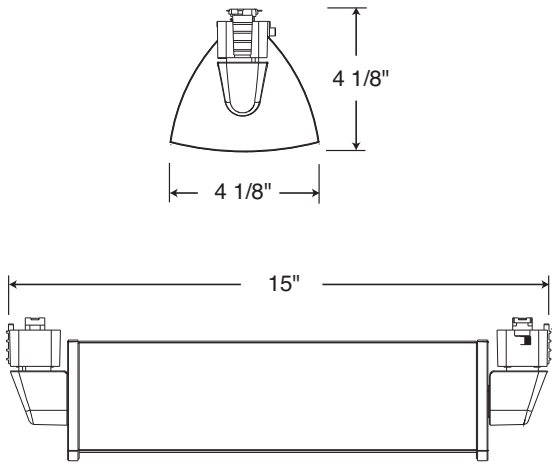
Trac-Master® | LED Series
35W LED Wall Wash/Flood

Description
The 35W T256LED wall wash/flood trac fixture delivers a powerful and uniform punch of light, utilizing less energy than a similar CMH fixture and offering up to 4 times the rated life. Its sleek, shallow profile enables it to virtually blend in with the trac. Operating at only 35W, it is able to deliver up to 2059 lumens, yielding an efficacy of up to 59 lumens per watt. Its unique thermal management design yields a maintenance-free 50,000 hours service life at 70% lumen maintenance. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light T256LED wall wash/flood fixture is compatible with Juno Trac-Master and Trac-Lites line voltage trac.

Features
- Custom designed concealed heat sink provides outstanding thermal management, yielding 70% average lumen maintenance at 50,000 hours of operation
- Textured paint available in white, black or silver finishes
- High efficacy LEDs provide outstanding reliability, performance and color quality/consistency
- High CRI of 80 minimum
- Driver is concealed in housing to minimize overall fixture footprint
- Optional dimming version available - see Options section
- 90˚ vertical aiming capability
- Two position power contact provided for two-circuit trac application
- UL and cUL listed

Catalog #	Color Temperature	Finish
T256LED-27K-WH	2700K	White
T256LED-27K-BL	2700K	Black
T256LED-27K-SL	2700K	Silver
T256LED-3K-WH	3000K	White
T256LED-3K-BL	3000K	Black
T256LED-3K-SL	3000K	Silver
T256LED-35K-WH	3500K	White
T256LED-35K-BL	3500K	Black
T256LED-35K-SL	3500K	Silver
T256LED-4K-WH	4000K	White
T256LED-4K-BL	4000K	Black
T256LED-4K-SL	4000K	Silver

Dimensions



Options

Suffix	*Description*
-DIM	Dimming Driver Option

Add suffix to catalog number following LED color temperature
Example: T256LED-3K-DIM-WH

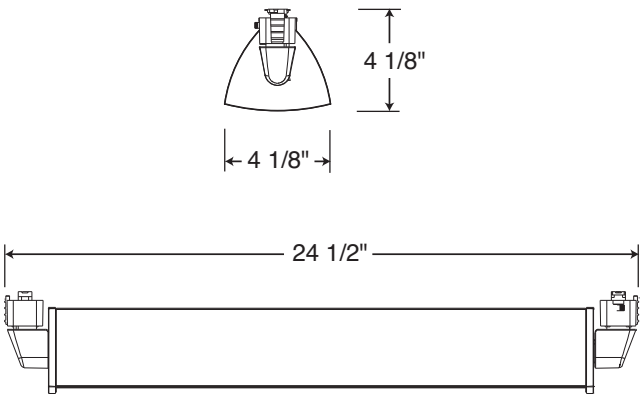
Trac-Master® | LED Series
70W LED Wall Wash/Flood

Description
The 70W T257LED wall wash/flood trac fixture delivers a powerful and uniform punch of light, utilizing less energy than a similar CMH fixture and offering up to 4 times the rated life. Its sleek, shallow profile enables it to virtually blend in with the trac. Operating at only 70W, it is able to deliver up to 4100 lumens, yielding an efficacy of up to 59 lumens per watt. Its unique thermal management design yields a maintenance-free 50,000 hours service life at 70% lumen maintenance. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light T257LED wall wash/flood fixture is compatible with Juno Trac-Master and Trac-Lites line voltage trac.

Features
- Custom designed concealed heat sink provides outstanding thermal management, yielding 70% average lumen maintenance at 50,000 hours of operation
- Textured paint available in white, black or silver finishes
- High efficacy LEDs provide outstanding reliability, performance and color quality/consistency
- High CRI of 80 minimum
- Driver is concealed in housing to minimize overall fixture footprint
- Optional dimming version available - see Options section
- 90˚ vertical aiming capability
- Two position power contact provided for two-circuit trac application
- UL and cUL listed

Catalog #	Color Temperature	Finish
T257LED-27K-WH	2700K	White
T257LED-27K-BL	2700K	Black
T257LED-27K-SL	2700K	Silver
T257LED-3K-WH	3000K	White
T257LED-3K-BL	3000K	Black
T257LED-3K-SL	3000K	Silver
T257LED-35K-WH	3500K	White
T257LED-35K-BL	3500K	Black
T257LED-35K-SL	3500K	Silver
T257LED-4K-WH	4000K	White
T257LED-4K-BL	4000K	Black
T257LED-4K-SL	4000K	Silver

Dimensions



Options

Suffix	*Description*
-DIM	Dimming Driver Option

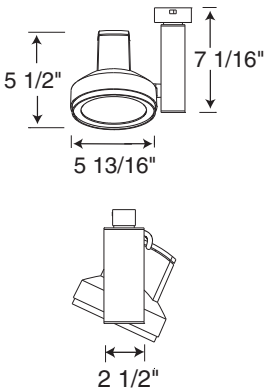
Add suffix to catalog number following LED color temperature
Example: T257LED-3K-DIM-WH

MHV™ Cylindra™ T4, G8.5

The MHV Cylindra T4 Series fixtures employ computer-contoured faceted custom reflectors to deliver unmatched optical performance – choose from spot, narrow flood or flood beam patterns in wattages ranging from 20W-70W. Reflectors can be easily removed and replaced without tools. Designed to accept T4/T4.5, G8.5 base lamps. Each fixture comes complete with an integral bayonet-mount accessory holder that is designed to simultaneously accept up to two light control accessories.

Catalog #	Finish	Lamp
TM252-20-WH-SP	White	20W T4/T4.5, G8.5 Bi-Pin, 13° Spot
TM252-20-BL-SP	Black	
TM252-20-SL-SP	Silver	
TM252-20-WH-NFL	White	20W T4/T4.5, G8.5 Bi-Pin, 24° Narrow Flood
TM252-20-BL-NFL	Black	
TM252-20-SL-NFL	Silver	
TM252-20-WH-FL	White	20W T4/T4.5, G8.5 Bi-Pin, 36° Flood
TM252-20-BL-FL	Black	
TM252-20-SL-FL	Silver	
TM252-39-WH-SP	White	39W T4/T4.5, G8.5 Bi-Pin, 13° Spot
TM252-39-BL-SP	Black	
TM252-39-SL-SP	Silver	
TM252-39-WH-NFL	White	39W T4/T4.5, G8.5 Bi-Pin, 24° Narrow Flood
TM252-39-BL-NFL	Black	
TM252-39-SL-NFL	Silver	
TM252-39-WH-FL	White	39W T4/T4.5, G8.5 Bi-Pin, 36° Flood
TM252-39-BL-FL	Black	
TM252-39-SL-FL	Silver	
TM252-50-WH-SP	White	50W T4/T4.5, G8.5 Bi-Pin, 13° Spot
TM252-50-BL-SP	Black	
TM252-50-SL-SP	Silver	
TM252-50-WH-NFL	White	50W T4/T4.5, G8.5 Bi-Pin, 24° Narrow Flood
TM252-50-BL-NFL	Black	
TM252-50-SL-NFL	Silver	
TM252-50-WH-FL	White	50W T4/T4.5, G8.5 Bi-Pin, 36° Flood
TM252-50-BL-FL	Black	
TM252-50-SL-FL	Silver	
TM252-70-WH-SP	White	70W T4/T4.5, G8.5 Bi-Pin, 13° Spot
TM252-70-BL-SP	Black	
TM252-70-SL-SP	Silver	
TM252-70-WH-NFL	White	70W T4/T4.5, G8.5 Bi-Pin, 24° Narrow Flood
TM252-70-BL-NFL	Black	
TM252-70-SL-NFL	Silver	
TM252-70-WH-FL	White	70W T4/T4.5, G8.5 Bi-Pin, 36° Flood
TM252-70-BL-FL	Black	
TM252-70-SL-FL	Silver	

Dimensions



Light Control Accessories

For Fixture:	*TM252*
Color Filters	**T571-6**
Color Correction Filter	**T5719**
Uniformity Lens	**T5721**
UV Filter	**T5722**
Prismatic Spread Lens	**T5777**
Linear Spread Lens	**T5778**
Cube Cell Louver	**T579BL**

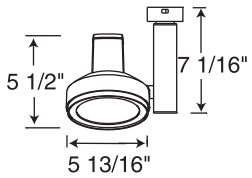
All MHV Series fixtures may be used with T43 Monopoint Canopy.

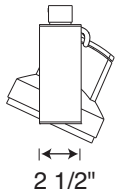
MHV™ Cylindra™ T6, G12

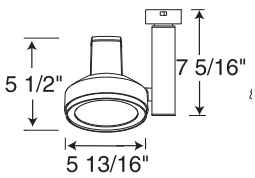
The MHV Cylindra T6 Series fixtures employ computer-contoured faceted custom reflectors to deliver unmatched optical performance – choose from spot, narrow flood or flood beam patterns in wattages ranging from 20W-150W. Reflectors can be easily removed and replaced without tools. Designed to accept T6/T4.5, G12 base lamps. Each fixture comes complete with an integral bayonet-mount accessory holder that is designed to simultaneously accept up to two light control accessories.

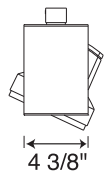
Catalog #	Finish	Lamp
TM251-20-WH-SP	White	20W T6/T4.5, G12 Bi-Pin, 13° Spot
TM251-20-BL-SP	Black	
TM251-20-SL-SP	Silver	
TM251-20-WH-NFL	White	20W T6/T4.5, G12 Bi-Pin, 24° Narrow Flood
TM251-20-BL-NFL	Black	
TM251-20-SL-NFL	Silver	
TM251-20-WH-FL	White	20W T6/T4.5, G12 Bi-Pin, 36° Flood
TM251-20-BL-FL	Black	
TM251-20-SL-FL	Silver	
TM251-39-WH-SP	White	39W T6/T4.5, G12 Bi-Pin, 13° Spot
TM251-39-BL-SP	Black	
TM251-39-SL-SP	Silver	
TM251-39-WH-NFL	White	39W T6/T4.5, G12 Bi-Pin, 24° Narrow Flood
TM251-39-BL-NFL	Black	
TM251-39-SL-NFL	Silver	
TM251-39-WH-FL	White	39W T6/T4.5, G12 Bi-Pin, 36° Flood
TM251-39-BL-FL	Black	
TM251-39-SL-FL	Silver	
TM251-50-WH-SP	White	50W T6, G12 Bi-Pin, 13° Spot
TM251-50-BL-SP	Black	
TM251-50-SL-SP	Silver	
TM251-50-WH-NFL	White	50W T6, G12 Bi-Pin, 24° Narrow Flood
TM251-50-BL-NFL	Black	
TM251-50-SL-NFL	Silver	
TM251-50-WH-FL	White	50W T6, G12 Bi-Pin, 36° Flood
TM251-50-BL-FL	Black	
TM251-50-SL-FL	Silver	
TM251-70-WH-SP	White	70W T6, G12 Bi-Pin, 13° Spot
TM251-70-BL-SP	Black	
TM251-70-SL-SP	Silver	
TM251-70-WH-NFL	White	70W T6, G12 Bi-Pin, 24° Narrow Flood
TM251-70-BL-NFL	Black	
TM251-70-SL-NFL	Silver	
TM251-70-WH-FL	White	70W T6, G12 Bi-Pin, 36° Flood
TM251-70-BL-FL	Black	
TM251-70-SL-FL	Silver	
TM251-100-WH-SP	White	100W T6, G12 Bi-Pin, 13° Spot
TM251-100-BL-SP	Black	
TM251-100-SL-SP	Silver	
TM251-100-WH-NFL	White	100W T6, G12 Bi-Pin, 24° Narrow Flood
TM251-100-BL-NFL	Black	
TM251-100-SL-NFL	Silver	
TM251-100-WH-FL	White	100W T6, G12 Bi-Pin, 36° Flood
TM251-100-BL-FL	Black	
TM251-100-SL-FL	Silver	
TM251-150-WH-SP	White	150W T6, G12 Bi-Pin, 13° Spot
TM251-150-BL-SP	Black	
TM251-150-SL-SP	Silver	
TM251-150-WH-NFL	White	150W T6, G12 Bi-Pin, 24° Narrow Flood
TM251-150-BL-NFL	Black	
TM251-150-SL-NFL	Silver	
TM251-150-WH-FL	White	150W T6, G12 Bi-Pin, 36° Flood
TM251-150-BL-FL	Black	
TM251-150-SL-FL	Silver	

Dimensions









Light Control Accessories

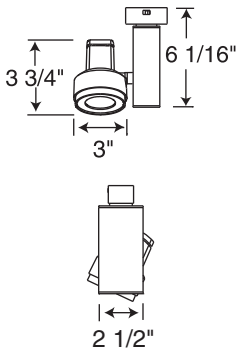
For Fixture:	*TM251*		
Color Filters	**T571-6**	Prismatic Spread Lens	**T5777**
Color Correction Filter	**T5719**	Linear Spread Lens	**T5778**
Uniformity Lens	**T5721**	Cube Cell Louver	**T579BL**
UV Filter	**T5722**		

All MHV Series fixtures may be used with T43 Monopoint Canopy.

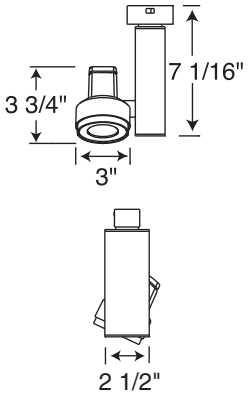
MHV™ Cylindra™ MR16, GX10

The MHV Cylindra MR16 fixture combines the energy efficiency of a CMH light source with the compact size of the MR16 lamp profile. The distinctive lamp design incorporates an integral cover glass lens and a convenient GX10 twist and lock base, making relamping effortless. Each fixture comes complete with an integral bayonet-mount accessory holder that is designed to accept up to two light control accessories.

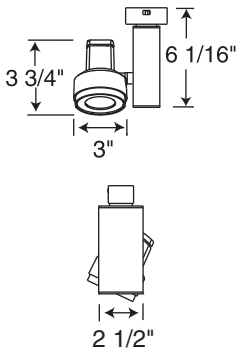
Catalog #	Finish	Lamp	Dimensions
TM241-20-WH	White	20W CMH MR16, GX10 Twist & Lock	
TM241-20-BL	Black		
TM241-20-SL	Silver		



TM241-39-WH	White	39W CMH MR16, GX10 Twist & Lock
TM241-39-BL	Black	
TM241-39-SL	Silver	



TM241-50-WH	White	50W CMH MR16, GX10 Twist & Lock
TM241-50-BL	Black	
TM241-50-SL	Silver	



Light Control Accessories

For Fixture:	*TM241*
Color Filters	**T741-6**
Dichroic Lens	**T7401-18**
Color Correction Filter	**T7419**
Diffuse Spread Lens	**T7420**
Uniformity Lens	**T7421**
UV Filter	**T7422**
Prismatic Spread Lens	**T7477**
Linear Spread Lens	**T7478**
Hexcell Louver	**T7459BL**

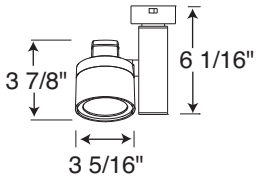
All MHV Series fixtures may be used with T43 Monopoint Canopy.

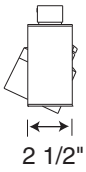
MHV™ Cylindra™ T4, GU6.5

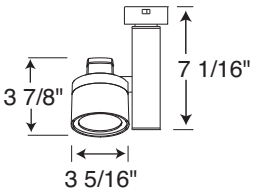
The MHV Cylindra T4, GU6.5 fixture delivers one of the smallest footprints in CMH Trac fixtures thanks to its miniature T4 lamp and features unmatched optical performance with its computer-contoured faceted custom reflectors. The T4 lamp employs a convenient GU6.5 twist and lock base, making relamping quick and easy. The fixture front housing simply twists off to allow easy access to the lamp compartment. If desired, the factory-supplied clear lens can be replaced with one light control accessory.

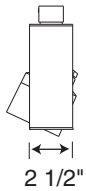
Catalog #	Finish	Lamp
TM254-15-WH-SP	White	15W T4, GU6.5 Twist & Lock, 13° Spot
TM254-15-BL-SP	Black	
TM254-15-SL-SP	Silver	
TM254-15-WH-NFL	White	15W T4, GU6.5 Twist & Lock, 25° Narrow Flood
TM254-15-BL-NFL	Black	
TM254-15-SL-NFL	Silver	
TM254-15-WH-FL	White	15W T4, GU6.5 Twist & Lock, 38° Flood
TM254-15-BL-FL	Black	
TM254-15-SL-FL	Silver	
TM254-20-WH-SP	White	20W T4, GU6.5 Twist & Lock, 13° Spot
TM254-20-BL-SP	Black	
TM254-20-SL-SP	Silver	
TM254-20-WH-NFL	White	20W T4, GU6.5 Twist & Lock, 25° Narrow Flood
TM254-20-BL-NFL	Black	
TM254-20-SL-NFL	Silver	
TM254-20-WH-FL	White	20W T4, GU6.5 Twist & Lock, 38° Flood
TM254-20-BL-FL	Black	
TM254-20-SL-FL	Silver	
TM254-39-WH-SP	White	39W T4, GU6.5 Twist & Lock, 13° Spot
TM254-39-BL-SP	Black	
TM254-39-SL-SP	Silver	
TM254-39-WH-NFL	White	39W T4, GU6.5 Twist & Lock, 25° Narrow Flood
TM254-39-BL-NFL	Black	
TM254-39-SL-NFL	Silver	
TM254-39-WH-FL	White	39W T4, GU6.5 Twist & Lock, 38° Flood
TM254-39-BL-FL	Black	
TM254-39-SL-FL	Silver	

Dimensions









Light Control Accessories

For Fixture:	*TM254*
Color Filters	**T591-6**
Color Correction Filter	**T5919**
Uniformity Lens	**T5921**
UV Filter	**T5922**
Prismatic Spread Lens	**T597**
Linear Spread Lens	**T598**
Hexcell Louver	**T5928BL**

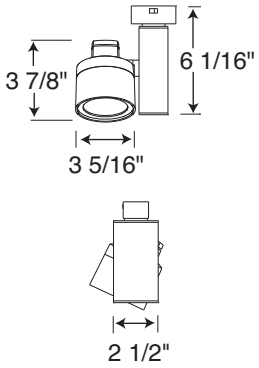
All MHV Series fixtures may be used with T43 Monopoint Canopy.

MHV™ Cylindra™ BT-5, PGJ5

The MHV Cylindra BT-5 fixture delivers one of the smallest footprints in CMH Trac fixtures thanks to its miniature BT-5 lamp and features unmatched optical performance with its computer-contoured faceted custom reflectors. The BT-5 lamp employs a convenient PGJ5 twist and lock base, making relamping quick and easy. The fixture front housing simply twists off to allow easy access to the lamp compartment. If desired, the factory-supplied clear lens can be replaced with one light control accessory.

Catalog #	Finish	Lamp
TM255-20-WH-SP	White	20W BT-5, PGJ5 Twist & Lock, 10° Spot
TM255-20-BL-SP	Black	
TM255-20-SL-SP	Silver	
TM255-20-WH-NFL	White	20W BT-5, PGJ5 Twist & Lock,
TM255-20-BL-NFL	Black	20° Narrow Flood
TM255-20-SL-NFL	Silver	
TM255-20-WH-FL	White	20W BT-5, PGJ5 Twist & Lock, 28° Flood
TM255-20-BL-FL	Black	
TM255-20-SL-FL	Silver	
TM255-39-WH-SP	White	39W BT-5, PGJ5 Twist & Lock, 10° Spot
TM255-39-BL-SP	Black	
TM255-39-SL-SP	Silver	
TM255-39-WH-NFL	White	39W BT-5, PGJ5 Twist & Lock,
TM255-39-BL-NFL	Black	20° Narrow Flood
TM255-39-SL-NFL	Silver	
TM255-39-WH-FL	White	39W BT-5, PGJ5 Twist & Lock, 28° Flood
TM255-39-BL-FL	Black	
TM255-39-SL-FL	Silver	

Dimensions



Light Control Accessories

For Fixture:	*TM255*
Color Filters	**T591-6**
Color Correction Filter	**T5919**
Uniformity Lens	**T5921**
UV Filter	**T5922**
Prismatic Spread Lens	**T597**
Linear Spread Lens	**T598**
Hexcell Louver	**T5928BL**

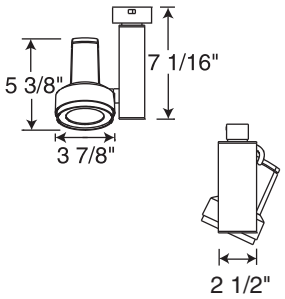
All MHV Series fixtures may be used with T43 Monopoint Canopy.

MHV™ Cylindra™ PARs

The MHV Cylindra PAR Series offers fixtures compatible with PAR20, PAR30L and PAR38 lamps, and available wattages ranging from 20W to 150W to work in a wide variety of lighting applications. This series features deep lamp regression for reduced glare and optimum visual cut-off. Each fixture comes complete with an integral bayonet-mount accessory holder that is designed to accept up to two light control accessories.

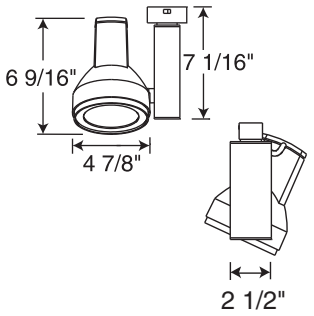
Catalog #	Finish	Lamp
TM244-20-WH	White	CMH 20W PAR20
TM244-20-BL	Black	
TM244-20-SL	Silver	
TM244-39-WH	White	CMH 39W PAR20
TM244-39-BL	Black	
TM244-39-SL	Silver	

Dimensions



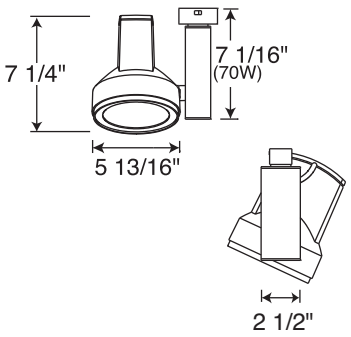
Catalog #	Finish	Lamp
TM245-20-WH	White	CMH 20W PAR30L
TM245-20-BL	Black	
TM245-20-SL	Silver	
TM245-39-WH	White	CMH 39W PAR30L
TM245-39-BL	Black	
TM245-39-SL	Silver	
TM245-70-WH	White	CMH 70W PAR30L
TM245-70-BL	Black	
TM245-70-SL	Silver	

Dimensions



Catalog #	Finish	Lamp
TM246-70-WH	White	CMH 70W PAR38
TM246-70-BL	Black	
TM246-70-SL	Silver	
TM246-100-WH	White	CMH 100W PAR38
TM246-100-BL	Black	
TM246-100-SL	Silver	
TM246-150-WH	White	CMH 150W PAR38
TM246-150-BL	Black	
TM246-150-SL	Silver	

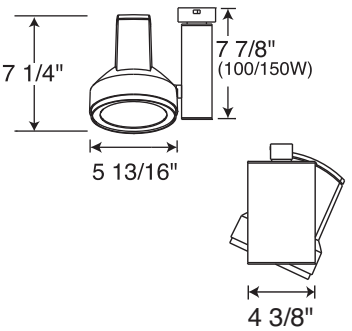
Dimensions



Light Control Accessories

For Fixtures:	*TM244*	*TM245*	*TM246*
Color Filters	**T591-6**	**T561-6**	**T571-6**
Color Correction Filter	**T5919**	**T5619**	**T5719**
Uniformity Lens	**T5921**	**T5621**	**T5721**
UV Filter	**T5922**	**T5622**	**T5722**
Prismatic Spread Lens	**T597**	**T5677**	**T5777**
Linear Spread Lens	**T598**	**T5678**	**T5778**
Cube Cell Louver	**–**	**T569BL**	**T579BL**
Hexcell Louver	**T5928BL**	**–**	**–**

All MHV Series fixtures may be used with T43 Monopoint Canopy.

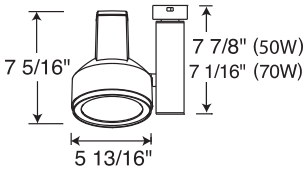


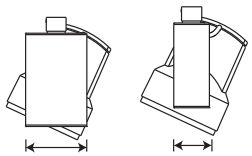
MHV™ Cylindra™ ED17

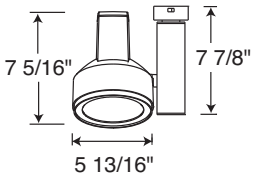
The MHV Cylindra ED17 Series fixtures employ computer-contoured faceted custom reflectors to deliver exceptional optical performance, and each fixture comes complete with an integral bayonet-mount accessory holder that is designed to simultaneously accept up to two light control accessories. ED17 fixtures are often specified with ED17 downlights, allowing lamp standardization within a space to simplify relamping maintenance. The Cylindra ED17 Series is designed to accept commonly available ED17 lamps in wattages that range from 50W to 150W, providing the versatility required to function in a wide variety of lighting applications.

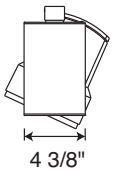
Catalog #	Finish	Lamp
TM250-50-WH-SP	White	CMH 50W ED17, 10° Spot
TM250-50-BL-SP	Black	
TM250-50-SL-SP	Silver	
TM250-50-WH-NFL	White	CMH 50W ED17, 26° Narrow Flood
TM250-50-BL-NFL	Black	
TM250-50-SL-NFL	Silver	
TM250-50-WH-FL	White	CMH 50W ED17, 55° Flood
TM250-50-BL-FL	Black	
TM250-50-SL-FL	Silver	
TM250-70-WH-SP	White	CMH 70W ED17, 10° Spot
TM250-70-BL-SP	Black	
TM250-70-SL-SP	Silver	
TM250-70-WH-NFL	White	CMH 70W ED17, 26° Narrow Flood
TM250-70-BL-NFL	Black	
TM250-70-SL-NFL	Silver	
TM250-70-WH-FL	White	CMH 70W ED17, 55° Flood
TM250-70-BL-FL	Black	
TM250-70-SL-FL	Silver	
TM250-100-WH-SP	White	CMH 100W ED17, 10° Spot
TM250-100-BL-SP	Black	
TM250-100-SL-SP	Silver	
TM250-100-WH-NFL	White	CMH 100W ED17, 26° Narrow Flood
TM250-100-BL-NFL	Black	
TM250-100-SL-NFL	Silver	
TM250-100-WH-FL	White	CMH 100W ED17, 55° Flood
TM250-100-BL-FL	Black	
TM250-100-SL-FL	Silver	
TM250-150-WH-SP	White	CMH 150W ED17, 10° Spot
TM250-150-BL-SP	Black	
TM250-150-SL-SP	Silver	
TM250-150-WH-NFL	White	CMH 150W ED17, 26° Narrow Flood
TM250-150-BL-NFL	Black	
TM250-150-SL-NFL	Silver	
TM250-150-WH-FL	White	CMH 150W ED17, 55° Flood
TM250-150-BL-FL	Black	
TM250-150-SL-FL	Silver	

Dimensions









Light Control Accessories

For Fixture:	*TM250*
Color Filters	**T571-6**
Color Correction Filter	**T5719**
Uniformity Lens	**T5721**
UV Filter	**T5722**
Prismatic Spread Lens	**T5777**
Linear Spread Lens	**T5778**
Cube Cell Louver	**T579BL**

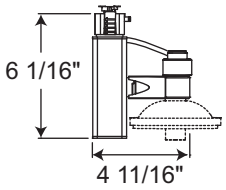
All MHV Series fixtures may be used with T43 Monopoint Canopy.

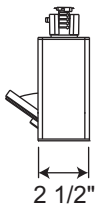
MHV™ R-111, GX8.5 Swivel

The MHV R-111 Swivel is a simple, compact luminaire. Mounting the lamp at the side of the ballast housing enables the ballast to run cooler and creates a very small fixture footprint. The swivel arm with its captive lamp retention spring simplifies lamping and helps maintain the uncomplicated aesthetic. The R-111 lamp employs a convenient GX8.5 twist and lock base, adding to the simplicity of lamp installation. The collimated beam of light from the CMH R-111 lamp offers unmatched performance in pinpoint spotlighting, accent lighting and long-throw lighting applications.

Catalog #	Finish	Lamp
TM202-20-WH	White	CMH 20W R-111, GX8.5
TM202-20-BL	Black	
TM202-20-SL	Silver	

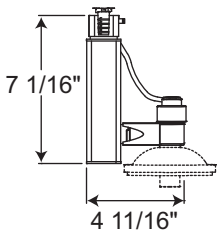
Dimensions

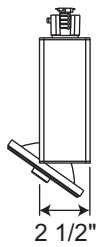




TM202-39-WH	White	CMH 39W R-111, GX8.5
TM202-39-BL	Black	
TM202-39-SL	Silver	
TM202-70-WH	White	CMH 70W R-111, GX8.5
TM202-70-BL	Black	
TM202-70-SL	Silver	

All MHV Series fixtures may be used with T43 Monopoint Canopy.



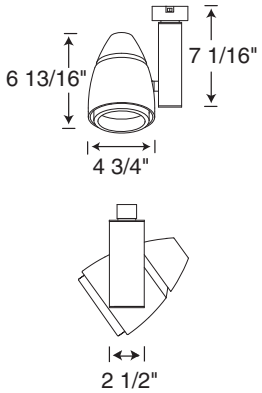


MHV™ Conix® T4, G8.5

The MHV Conix T4 integrate the latest generation of single-ended T4 lamps into precision faceted reflectors for efficient, smooth spot, narrow flood and flood beam patterns. T4 lamps have a smaller lamp diameter, enabling increased reflector surface area, therefore producing somewhat higher center beam footcandles as compared to a similar T6 lampholder. All versions are provided with a black finish integral snap-in anti-glare shield/accessory holder that can accept one light control accessory.

Catalog #	Finish	Lamp
TM216-20EMH-WH	White	20W T4/T4.5, G8.5 Bi-Pin, 10° Spot
TM216-20EMH-BL	Black	
TM216-20EMH-SL	Silver	
TM218-20EMH-WH	White	20W T4/T4.5, G8.5 Bi-Pin, 27° Narrow Flood
TM218-20EMH-BL	Black	
TM218-20EMH-SL	Silver	
TM217-20EMH-WH	White	20W T4/T4.5, G8.5 Bi-Pin, 40° Flood
TM217-20EMH-BL	Black	
TM217-20EMH-SL	Silver	
TM216-39EMH-WH	White	39W T4/T4.5, G8.5 Bi-Pin, 10° Spot
TM216-39EMH-BL	Black	
TM216-39EMH-SL	Silver	
TM218-39EMH-WH	White	39W T4/T4.5, G8.5 Bi-Pin, 27° Narrow Flood
TM218-39EMH-BL	Black	
TM218-39EMH-SL	Silver	
TM217-39EMH-WH	White	39W T4/T4.5, G8.5 Bi-Pin, 40° Flood
TM217-39EMH-BL	Black	
TM217-39EMH-SL	Silver	
TM216-50EMH-WH	White	50W T4/T4.5, G8.5 Bi-Pin, 10° Spot
TM216-50EMH-BL	Black	
TM216-50EMH-SL	Silver	
TM218-50EMH-WH	White	50W T4/T4.5, G8.5 Bi-Pin, 27° Narrow Flood
TM218-50EMH-BL	Black	
TM218-50EMH-SL	Silver	
TM217-50EMH-WH	White	50W T4/T4.5, G8.5 Bi-Pin, 40° Flood
TM217-50EMH-BL	Black	
TM217-50EMH-SL	Silver	
TM216-70EMH-WH	White	70W T4/T4.5, G8.5 Bi-Pin, 10° Spot
TM216-70EMH-BL	Black	
TM216-70EMH-SL	Silver	
TM218-70EMH-WH	White	70W T4/T4.5, G8.5 Bi-Pin, 27° Narrow Flood
TM218-70EMH-BL	Black	
TM218-70EMH-SL	Silver	
TM217-70EMH-WH	White	70W T4/T4.5, G8.5 Bi-Pin, 40° Flood
TM217-70EMH-BL	Black	
TM217-70EMH-SL	Silver	

Dimensions



Light Control Accessories

For Fixtures:	*TM216, TM217, TM218*
Color Filters	**T561-6**
Color Correction Filter	**T5619**
Uniformity Lens	**T5621**
UV Filter	**T5622**
Prismatic Spread Lens	**T5677**
Linear Spread Lens	**T5678**
Cube Cell Louver	**T569BL**

All MHV Series fixtures may be used with T43 Monopoint Canopy.

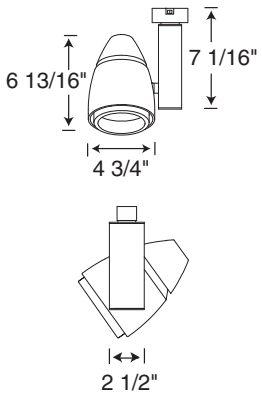
The product and system may be covered by the following United States patent: D464,455

MHV™ Conix® T6, G12

The MHV Conix T6 integrate the latest generation of single-ended T6 lamps into precision faceted reflectors for efficient, smooth spot, narrow flood and flood beam patterns. T6 lamps offer user friendly plug-in relamping and the ability to standardize on a common lamp type when CMH T6 downlights are used in the same space. All versions are provided with a black finish integral snap-in anti-glare shield/accessory holder that can accept one light control accessory.

Catalog #	Finish	Lamp
TM213-20EMH-WH	White	20W T6/T4.5, G12 Bi-Pin, 8° Spot
TM213-20EMH-BL	Black	
TM213-20EMH-SL	Silver	
TM215-20EMH-WH	White	20W T6/T4.5, G12 Bi-Pin, 25° Narrow Flood
TM215-20EMH-BL	Black	
TM215-20EMH-SL	Silver	
TM214-20EMH-WH	White	20W T6/T4.5, G12 Bi-Pin, 42° Flood
TM214-20EMH-BL	Black	
TM214-20EMH-SL	Silver	
TM213-39EMH-WH	White	39W T6/T4.5, G12 Bi-Pin, 8° Spot
TM213-39EMH-BL	Black	
TM213-39EMH-SL	Silver	
TM215-39EMH-WH	White	39W T6/T4.5, G12 Bi-Pin, 25° Narrow Flood
TM215-39EMH-BL	Black	
TM215-39EMH-SL	Silver	
TM214-39EMH-WH	White	39W T6/T4.5, G12 Bi-Pin, 42° Flood
TM214-39EMH-BL	Black	
TM214-39EMH-SL	Silver	
TM213-50EMH-WH	White	50W T6, G12 Bi-Pin, 8° Spot
TM213-50EMH-BL	Black	
TM213-50EMH-SL	Silver	
TM215-50EMH-WH	White	50W T6, G12 Bi-Pin, 25° Narrow Flood
TM215-50EMH-BL	Black	
TM215-50EMH-SL	Silver	
TM214-50EMH-WH	White	50W T6, G12 Bi-Pin, 42° Flood
TM214-50EMH-BL	Black	
TM214-50EMH-SL	Silver	
TM213-70EMH-WH	White	70W T6, G12 Bi-Pin, 8° Spot
TM213-70EMH-BL	Black	
TM213-70EMH-SL	Silver	
TM215-70EMH-WH	White	70W T6, G12 Bi-Pin, 25° Narrow Flood
TM215-70EMH-BL	Black	
TM215-70EMH-SL	Silver	
TM214-70EMH-WH	White	70W T6, G12 Bi-Pin, 42° Flood
TM214-70EMH-BL	Black	
TM214-70EMH-SL	Silver	
TM213-100EMH-WH	White	100W T6, G12 Bi-Pin, 8° Spot
TM213-100EMH-BL	Black	
TM213-100EMH-SL	Silver	
TM215-100EMH-WH	White	100W T6, G12 Bi-Pin, 25° Narrow Flood
TM215-100EMH-BL	Black	
TM215-100EMH-SL	Silver	
TM214-100EMH-WH	White	100W T6, G12 Bi-Pin, 42° Flood
TM214-100EMH-BL	Black	
TM214-100EMH-SL	Silver	

Dimensions



Light Control Accessories

For Fixtures:	*TM213, TM214, TM215*		
Color Filters	**T561-6**	Prismatic Spread Lens	**T5677**
Color Correction Filter	**T5619**	Linear Spread Lens	**T5678**
Uniformity Lens	**T5621**	Cube Cell Louver	**T569BL**
UV Filter	**T5622**		

All MHV Series fixtures may be used with T43 Monopoint Canopy.

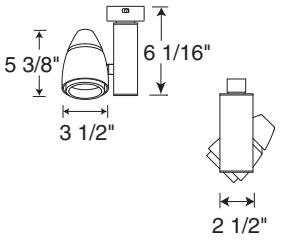
The product and system may be covered by the following United States patent: D464,455

MHV™ Conix® PAR

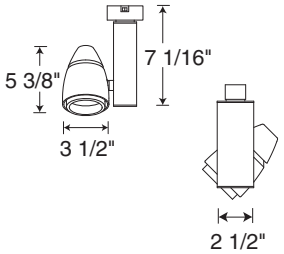
The sculpted MHV Conix PAR Series can be specified for use with a versatile array of CMH PAR lamps. This series features deep lamp regression for reduced glare and optimum visual cut-off. A black finish integral snap-in anti-glare shield/accessory holder accepts up to two light control accessories.

Catalog #	Finish	Lamp
TM207-20EMH-WH	White	CMH 20W PAR20
TM207-20EMH-BL	Black	
TM207-20EMH-SL	Silver	

Dimensions

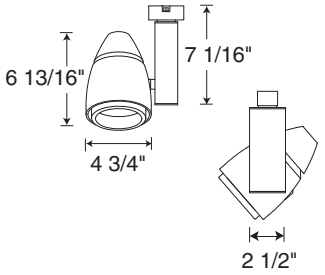


Catalog #	Finish	Lamp
TM207-39EMH-WH	White	CMH 39W PAR20
TM207-39EMH-BL	Black	
TM207-39EMH-SL	Silver	



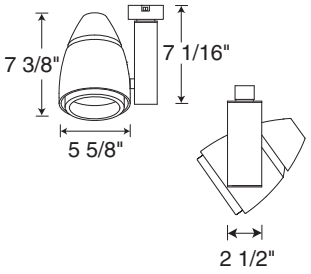
Catalog #	Finish	Lamp
TM208-20EMH-WH	White	CMH 20W PAR30L
TM208-20EMH-BL	Black	
TM208-20EMH-SL	Silver	
TM208-39EMH-WH	White	CMH 39W PAR30L
TM208-39EMH-BL	Black	
TM208-39EMH-SL	Silver	
TM208-70EMH-WH	White	CMH 70W PAR30L
TM208-70EMH-BL	Black	
TM208-70EMH-SL	Silver	

Dimensions



Catalog #	Finish	Lamp
TM209-70EMH-WH	White	CMH 70W PAR38
TM209-70EMH-BL	Black	
TM209-70EMH-SL	Silver	

Dimensions



Light Control Accessories

For Fixtures:	*TM207*	*TM208*	*TM209*
Color Filters	**T591-6**	**T561-6**	**T571-6**
Color Correction Filter	**T5919**	**T5619**	**T5719**
Uniformity Lens	**T5921**	**T5621**	**T5721**
UV Filter	**T5922**	**T5622**	**T5722**
Prismatic Spread Lens	**T597**	**T5677**	**T5777**
Linear Spread Lens	**T598**	**T5678**	**T5778**
Hexcell Louver	**T5928BL**	–	–
Cube Cell Louver	–	**T569BL**	**T579BL**

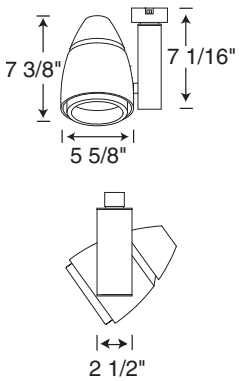
All MHV Series fixtures may be used with T43 Monopoint Canopy.

MHV™ Conix® ED17

The sculpted MHV Conix ED17 fixtures employ built-in computer-contoured faceted custom reflectors for use with economical ED17 lamps. This series features deep lamp regression for reduced glare and optimum visual cut-off. An integral snap-in anti-glare shield/accessory holder accepts up to two light control accessories.

Catalog #	Finish	Lamp
TM210-50EMH-WH	White	CMH 50W ED17, 10° Spot
TM210-50EMH-BL	Black	
TM210-50EMH-SL	Silver	
TM212-50EMH-WH	White	CMH 50W ED17, 23° Narrow Flood
TM212-50EMH-BL	Black	
TM212-50EMH-SL	Silver	
TM211-50EMH-WH	White	CMH 50W ED17, 50° Flood
TM211-50EMH-BL	Black	
TM211-50EMH-SL	Silver	
TM210-70EMH-WH	White	CMH 70W ED17, 10° Spot
TM210-70EMH-BL	Black	
TM210-70EMH-SL	Silver	
TM212-70EMH-WH	White	CMH 70W ED17, 23° Narrow Flood
TM212-70EMH-BL	Black	
TM212-70EMH-SL	Silver	
TM211-70EMH-WH	White	CMH 70W ED17, 50° Flood
TM211-70EMH-BL	Black	
TM211-70EMH-SL	Silver	
TM210-100EMH-WH	White	CMH 100W ED17, 10° Spot
TM210-100EMH-BL	Black	
TM210-100EMH-SL	Silver	
TM212-100EMH-WH	White	CMH 100W ED17, 23° Narrow Flood
TM212-100EMH-BL	Black	
TM212-100EMH-SL	Silver	
TM211-100EMH-WH	White	CMH 100W ED17, 50° Flood
TM211-100EMH-BL	Black	
TM211-100EMH-SL	Silver	

Dimensions



Light Control Accessories

For Fixture:	*TM210, TM211, TM212*
Color Filters	**T571-6**
Color Correction Filter	**T5719**
UV Filter	**T5722**
Uniformity Lens	**T5721**
Linear Spread Lens	**T5778**
Prismatic Spread Lens	**T5777**
Cube Cell Louver	**T579BL**

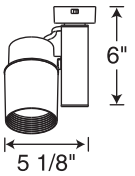
All MHV Series fixtures may be used with T43 Monopoint Canopy.

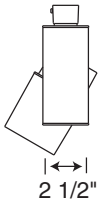
MHV™ Concentric Cylinders T4, G8.5

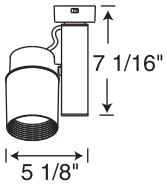
The ultra-compact MHV Concentric Cylinder T4, G8.5 combines a simple aesthetic with premium performance. Available in spot, narrow flood and flood beam distributions, its computer-contoured faceted reflector is securely mounted to the lamp shroud for precise optical alignment with the lamp. The lamp shroud has a 1" deep integral step baffle for optimal shielding and brightness control. The detachable lamp shroud is easily removed for simplified fixture maintenance. The clear lens provided can be replaced with a variety of light control accessories for optimum beam control. Fixture rotation in two axes enables the fixture to be aimed in any direction.

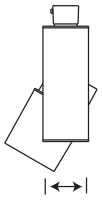
Catalog #	Finish	Lamp
TM232-20-SP-WH	White	20W T4/T4.5, G8.5 Bi-Pin, 10° Spot
TM232-20-SP-BL	Black	
TM232-20-SP-SL	Silver	
TM232-20-NFL-WH	White	20W T4/T4.5, G8.5 Bi-Pin, 23° Narrow Flood
TM232-20-NFL-BL	Black	
TM232-20-NFL-SL	Silver	
TM232-20-FL-WH	White	20W T4/T4.5, G8.5 Bi-Pin, 32° Flood
TM232-20-FL-BL	Black	
TM232-20-FL-SL	Silver	
TM232-39-SP-WH	White	39W T4/T4.5, G8.5 Bi-Pin, 10° Spot
TM232-39-SP-BL	Black	
TM232-39-SP-SL	Silver	
TM232-39-NFL-WH	White	39W T4/T4.5, G8.5 Bi-Pin, 23° Narrow Flood
TM232-39-NFL-BL	Black	
TM232-39-NFL-SL	Silver	
TM232-39-FL-WH	White	39W T4/T4.5, G8.5 Bi-Pin, 32° Flood
TM232-39-FL-BL	Black	
TM232-39-FL-SL	Silver	
TM232-70-SP-WH	White	70W T4/T4.5, G8.5 Bi-Pin, 10° Spot
TM232-70-SP-BL	Black	
TM232-70-SP-SL	Silver	
TM232-70-NFL-WH	White	70W T4/T4.5, G8.5 Bi-Pin, 23° Narrow Flood
TM232-70-NFL-BL	Black	
TM232-70-NFL-SL	Silver	
TM232-70-FL-WH	White	70W T4/T4.5, G8.5 Bi-Pin, 32° Flood
TM232-70-FL-BL	Black	
TM232-70-FL-SL	Silver	

Dimensions









Light Control Accessories

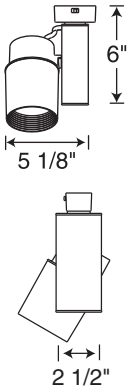
For Fixture:	*TM232*
Color Filters	**T591-6**
Color Correction Filter	**T5919**
Uniformity Lens	**T5921**
UV Filter	**T5922**
Prismatic Spread Lens	**T597**
Linear Spread Lens	**T598**

MHV™ Concentric Cylinders BT-5, PGJ5

The ultra-compact MHV Concentric Cylinder BT-5 combines a simple aesthetic with premium performance. Available in spot, narrow flood and flood beam distributions, its computer-contoured faceted reflector is securely mounted to the lamp shroud for precise optical alignment with the lamp. The lamp shroud has a 1" deep integral step baffle for optimal shielding and brightness control. The detachable lamp shroud is easily removed for simplified fixture maintenance. The clear lens provided can be replaced with a variety of light control accessories for optimum beam control. Fixture rotation in two axes enables the fixture to be aimed in any direction.

Catalog #	Finish	Lamp
TM233-20-SP-WH	White	20W BT-5, PGJ5 Twist & Lock, 10° Spot
TM233-20-SP-BL	Black	
TM233-20-SP-SL	Silver	
TM233-20-NFL-WH	White	20W BT-5, PGJ5 Twist & Lock, 20° Narrow Flood
TM233-20-NFL-BL	Black	
TM233-20-NFL-SL	Silver	
TM233-20-FL-WH	White	20W BT-5, PGJ5 Twist & Lock, 28° Flood
TM233-20-FL-BL	Black	
TM233-20-FL-SL	Silver	
TM233-39-SP-WH	White	39W BT-5, PGJ5 Twist & Lock, 10° Spot
TM233-39-SP-BL	Black	
TM233-39-SP-SL	Silver	
TM233-39-NFL-WH	White	39W BT-5, PGJ5 Twist & Lock, 20° Narrow Flood
TM233-39-NFL-BL	Black	
TM233-39-NFL-SL	Silver	
TM233-39-FL-WH	White	39W BT-5, PGJ5 Twist & Lock, 28° Flood
TM233-39-FL-BL	Black	
TM233-39-FL-SL	Silver	

Dimensions



Light Control Accessories

For Fixture:	*TM233*
Color Filters	**T591-6**
Color Correction Filter	**T5919**
Uniformity Lens	**T5921**
UV Filter	**T5922**
Prismatic Spread Lens	**T597**
Linear Spread Lens	**T598**

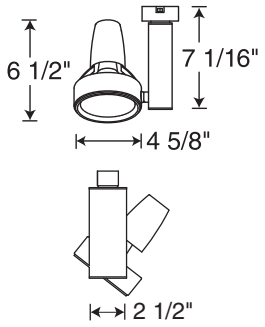
All MHV Series fixtures may be used with T43 Monopoint Canopy.

MHV™ Pro-Gimbal

This versatile design uses PAR lamps, relamps from the front and features deep lamp shielding with a baffled aperture. The Pro-Gimbal can be easily accessorized with up to two light control accessories using the optional accessory holder.

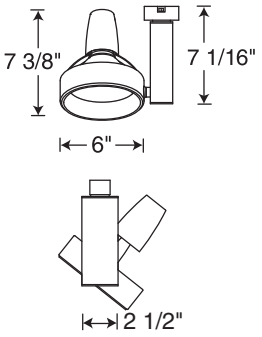
Catalog #	Finish	Lamp
TM203-20EMH-WH	White	CMH 20W PAR30L
TM203-20EMH-BL	Black	
TM203-20EMH-SL	Silver	
TM203-39EMH-WH	White	CMH 39W PAR30L
TM203-39EMH-BL	Black	
TM203-39EMH-SL	Silver	
TM203-70EMH-WH	White	CMH 70W PAR30L
TM203-70EMH-BL	Black	
TM203-70EMH-SL	Silver	

Dimensions



Catalog #	Finish	Lamp
TM204-70EMH-WH	White	CMH 70W PAR38
TM204-70EMH-BL	Black	
TM204-70EMH-SL	Silver	

Dimensions

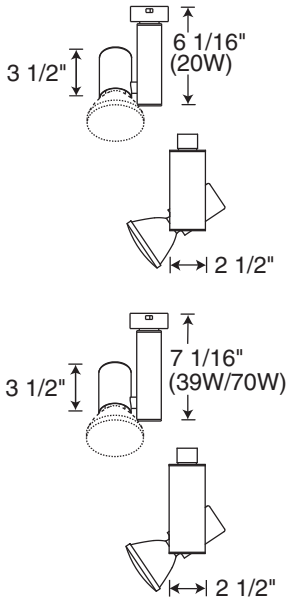


MHV™ Universal

This very compact, low-profile lampholder accommodates PAR20 through PAR38 lamps.

Catalog #	Finish	Lamp
TM201-20EMH-WH	White	CMH 20W PAR20/ PAR30L
TM201-20EMH-BL	Black	
TM201-20EMH-SL	Silver	
TM201-39EMH-WH	White	CMH 39W PAR20/ PAR30L
TM201-39EMH-BL	Black	
TM201-39EMH-SL	Silver	
TM201-70EMH-WH	White	CMH 70W PAR30L/ PAR38
TM201-70EMH-BL	Black	
TM201-70EMH-SL	Silver	

Dimensions



Light Control Accessories

For Fixture:	*TM203*	*TM204*
Dual Accessory Holder	**TM530BL**	**TM538BL**
Color Filters	**T561-6***	**T571-6***
Color Correction Filter	**T5619***	**T5719***
UV Filter	**T5622***	**T5722***
Uniformity Lens	**T5621***	**T5721***
Linear Spread Lens	**T5678***	**T5778***
Prismatic Spread Lens	**T5677***	**T5777***
Cube Cell Louver	**T569BL***	**T579BL***
Black Eyebrow	**T577BL***	**T587BL***

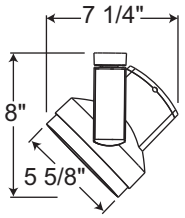
*Filters, lenses, louver and eyebrow require accessory holder for installation.
All MHV Series fixtures may be used with T43 Monopoint Canopy.

MH2® Cylindra™ T4, G8.5

The MH2 Cylindra T4, G8.5 Series fixtures employ computer-contoured faceted custom reflectors to deliver outstanding optical performance – choose from spot, narrow flood or flood beam patterns in wattages ranging from 20W-70W. Reflectors can be easily removed and replaced without tools. Designed to accept T4/T4.5, G8.5 base lamps. Each fixture comes complete with an integral bayonet-mount accessory holder that is designed to simultaneously accept up to two light control accessories.

Catalog #	Finish	Lamp
TM152-SP-WH	White	20W, 39W, 50W or 70W T4/4.5,
TM152-SP-BL	Black	G8.5 Bi-Pin, 13° Spot
TM152-SP-SL	Silver	
TM152-NFL-WH	White	20W, 39W, 50W or 70W T4/4.5,
TM152-NFL-BL	Black	G8.5 Bi-Pin, 24° Narrow Flood
TM152-NFL-SL	Silver	
TM152-FL-WH	White	20W, 39W, 50W or 70W T4/4.5,
TM152-FL-BL	Black	G8.5 Bi-Pin, 36° Flood
TM152-FL-SL	Silver	

Dimensions



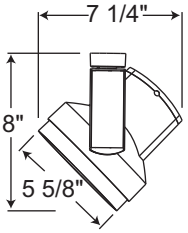
TM520, TM539, TM550 or TM570N HID Ballast or TMM Series monopoint required.
Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.

MH2® Cylindra™ T6, G12

The MH2 Cylindra T6, G12 Series fixtures employ computer-contoured faceted custom reflectors to deliver unmatched optical performance – choose from spot, narrow flood or flood beam patterns in wattages ranging from 20W-100W. Reflectors can be easily removed and replaced without tools. Designed to accept T6/T4.5, G12 base lamps. Each fixture comes complete with an integral bayonet-mount accessory holder that is designed to simultaneously accept up to two light control accessories.

Catalog #	Finish	Lamp
TM151-SP-WH	White	20W, 39W, 50W, 70W or 100W T6/4.5,
TM151-SP-BL	Black	G12 Bi-Pin, 13° Spot
TM151-SP-SL	Silver	
TM151-NFL-WH	White	20W, 39W, 50W, 70W or 100W T6/4.5,
TM151-NFL-BL	Black	G12 Bi-Pin, 24° Narrow Flood
TM151-NFL-SL	Silver	
TM151-FL-WH	White	20W, 39W, 50W, 70W or 100W T6/4.5,
TM151-FL-BL	Black	G12 Bi-Pin, 36° Flood
TM151-FL-SL	Silver	

Dimensions



TM520, TM539, TM550 or TM570N HID Ballast or TMM Series monopoint required.
Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.

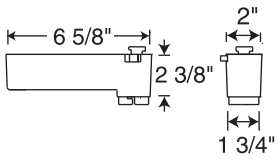
Light Control Accessories

For Fixtures:	*TM151, TM152*
Color Filters	**T571-6**
Color Correction Filter	**T5719**
Uniformity Lens	**T5721**
UV Filter	**T5722**
Prismatic Spread Lens	**T5777**
Linear Spread Lens	**T5778**
Cube Cell Louver	**T579BL**

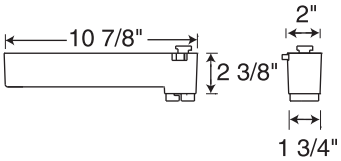
MH2® Ballasts

TM520, TM539, TM550 TM570N and **TM5100** are available in white, black or silver finishes. See MH2 Ballasts section for a full description.

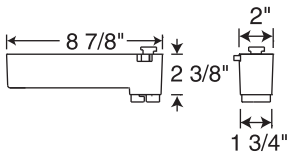
TM520



TM5100



TM539, TM550 or TM570N

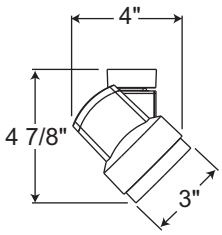


MH2® Cylindra™ MR16, GX10

The MH2 Cylindra MR16 fixture combines the energy efficiency of a CMH light source with the compact size of the MR16 lamp profile. The distinctive lamp design incorporates an integral cover glass lens and a convenient GX10 twist and lock base, making relamping effortless. Each fixture comes complete with an integral bayonet-mount accessory holder that is designed to accept up to two light control accessories.

Catalog #	Finish	Lamp
TM141WH	White	20W, 39W or 50W CMH MR16, GX10 Twist & Lock
TM141BL	Black	
TM141SL	Silver	

Dimensions



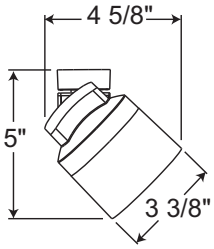
TM520, TM539 or TM550 HID Ballast or TMM Series monopoint required. Must order separately.
See MH2 Ballasts and MH2 Monopoints sections for detailed information.

MH2® Cylindra™ T4, GU6.5

The MH2 Cylindra T4, GU6.5 fixture delivers one of the smallest footprints in CMH Trac fixtures thanks to its miniature T4 lamp and features unmatched optical performance with its computer-contoured faceted custom reflectors. The T4 lamp employs a convenient GU6.5 twist and lock base, making relamping quick and easy. The fixture front housing simply twists off to allow easy access to the lamp compartment. If desired, the factory-supplied clear lens can be replaced with one light control accessory.

Catalog #	Finish	Lamp
TM154-SP-WH	White	15W, 20W or 39W T4, GU6.5 Twist & Lock, 13° Spot
TM154-SP-BL	Black	
TM154-SP-SL	Silver	
TM154-NFL-WH	White	15W, 20W or 39W T4, GU6.5 Twist & Lock, 25° Narrow Flood
TM154-NFL-BL	Black	
TM154-NFL-SL	Silver	
TM154-FL-WH	White	15W, 20W or 39W T4, GU6.5 Twist & Lock, 38° Flood
TM154-FL-BL	Black	
TM154-FL-SL	Silver	

Dimensions



TM515, TM520 or TM539 HID Ballast or TMM Series monopoint required. Must order separately.
See MH2 Ballasts and MH2 Monopoints sections for detailed information.

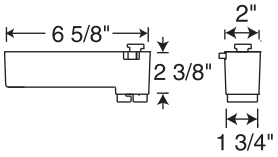
Light Control Accessories

For Fixtures:	*TM141*	*TM154*
Color Filters	**T741-6**	**T591-6**
Dichroic Lens	**T7401-18**	**–**
Color Correction Filter	**T7419**	**T5919**
Diffuse Spread Lens	**T7420**	**–**
Uniformity Lens	**T7421**	**T5921**
UV Filter	**T7422**	**T5922**
Prismatic Spread Lens	**T7477**	**T597**
Linear Spread Lens	**T7478**	**T598**
Hexcell Louver	**T7459BL**	**T5928BL**

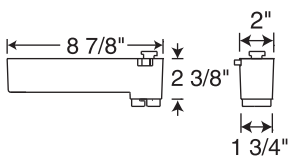
MH2® Ballasts

TM515, TM520, TM539 and **TM550** are available in white, black or silver finishes. See MH2 Ballasts section for a full description.

TM515 or TM520



TM539 or TM550

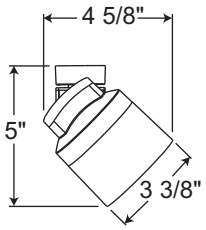


MH2® Cylindra™ BT-5, PGJ5

The MH2 Cylindra BT-5 fixture delivers one of the smallest footprints in CMH Trac fixtures thanks to its miniature BT-5 lamp and features unmatched optical performance with its computer-contoured faceted custom reflectors. The BT-5 lamp employs a convenient PGJ5 twist and lock base, making relamping quick and easy. The fixture front housing simply twists off to allow easy access to the lamp compartment. If desired, the factory-supplied clear lens can be replaced with one light control accessory.

Catalog #	Finish	Lamp
TM155-SP-WH	White	20W or 39W BT-5, PGJ5
TM155-SP-BL	Black	Twist & Lock, 10° Spot
TM155-SP-SL	Silver	
TM155-NFL-WH	White	20W or 39W BT-5, PGJ5
TM155-NFL-BL	Black	Twist & Lock, 20° Narrow Flood
TM155-NFL-SL	Silver	
TM155-FL-WH	White	20W or 39W BT-5, PGJ5
TM155-FL-BL	Black	Twist & Lock, 28° Flood
TM155-FL-SL	Silver	

Dimensions



TM522 or TM540 HID Ballast required. Must order separately.
See MH2 Ballasts section for detailed information.

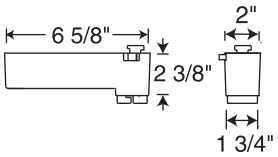
Light Control Accessories

For Fixture:	*TM155*
Color Filters	**T591-6**
Color Correction Filter	**T5919**
Uniformity Lens	**T5921**
UV Filter	**T5922**
Prismatic Spread Lens	**T597**
Linear Spread Lens	**T598**
Hexcell Louver	**T5928BL**

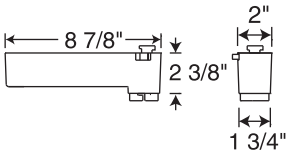
MH2® Ballasts

TM522 and **TM540** are available in white, black or silver finishes. See MH2 Ballasts section for a full description.

TM522



TM540

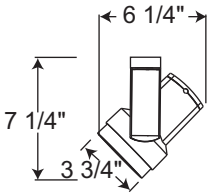


MH2® Cylindra™ PARs

The MH2 Cylindra PAR Series offers fixtures compatible with PAR20, PAR30L and PAR38 lamps, and available wattages ranging from 20W to 100W to work in a wide variety of lighting applications. This series features deep lamp regression for reduced glare and optimum visual cut-off. Each fixture comes complete with an integral bayonet mount accessory holder that is designed to accept up to two light control accessories.

Catalog #	Finish	Lamp
TM144WH	White	CMH 20W or 39W PAR20
TM144BL	Black	
TM144SL	Silver	

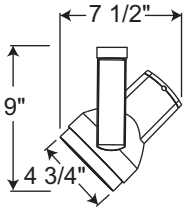
Dimensions



TM520 or TM539 HID Ballast or TMM Series monopoint required. Must order separately.
See MH2 Ballasts and MH2 Monopoints sections for detailed information.

Catalog #	Finish	Lamp
TM145WH	White	CMH 20W, 39W or 70W PAR30L
TM145BL	Black	
TM145SL	Silver	

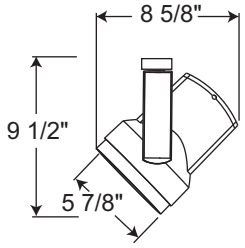
Dimensions



TM520, TM539 or TM570N HID Ballast or TMM Series monopoint required.
Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.

Catalog #	Finish	Lamp
TM146WH	White	CMH 70W or 100W PAR38
TM146BL	Black	
TM146SL	Silver	

Dimensions



TM570N or TM5100 HID Ballast or TMM Series monopoint required. Must order separately.
See MH2 Ballasts and MH2 Monopoints sections for detailed information.

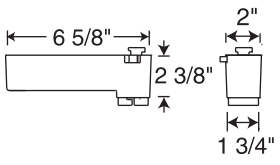
Light Control Accessories

For Fixtures:	*TM144*	*TM145*	*TM146*
Color Filters	**T591-6**	**T561-6**	**T571-6**
Color Correction Filter	**T5919**	**T5619**	**T5719**
UV Filter	**T5922**	**T5622**	**T5722**
Uniformity Lens	**T5921**	**T5621**	**T5721**
Linear Spread Lens	**T598**	**T5678**	**T5778**
Prismatic Spread Lens	**T597**	**T5677**	**T5777**
Hexcell Louver	**T5928BL**	–	–
Cube Cell Louver	–	**T569BL**	**T579BL**

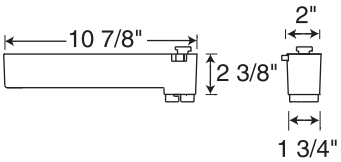
MH2® Ballasts

TM520, TM539, TM570N and **TM5100** are available in white, black or silver finishes. See MH2 Ballasts section for a full description.

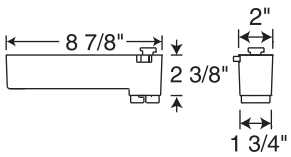
TM520



TM5100



TM539 or TM570N

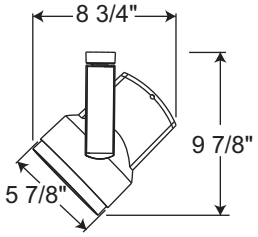


MH2® Cylindra™ ED17

The MH2 Cylindra ED17 Series fixtures employ computer-contoured faceted custom reflectors to deliver exceptional optical performance, and each fixture comes complete with an integral bayonet-mount accessory holder that is designed to simultaneously accept up to two light control accessories. ED17 fixtures are often specified with ED17 downlights, allowing lamp standardization within a space to simplify relamping maintenance. The MH2 Cylindra ED17 Series is designed to accept commonly available ED17 lamps in either 50W, 70W or 100W.

Catalog #	Finish	Lamp
TM150-SP-WH	White	CMH 50W*, 70W or 100W ED17 10° Spot
TM150-SP-BL	Black	
TM150-SP-SL	Silver	
TM150-NFL-WH	White	CMH 50W*, 70W or 100W ED17 26° Narrow Flood
TM150-NFL-BL	Black	
TM150-NFL-SL	Silver	
TM150-FL-WH	White	CMH 50W*, 70W or 100W ED17 55° Flood
TM150-FL-BL	Black	
TM150-FL-SL	Silver	

Dimensions



TM570N or TM5100 HID Ballast or TMM Series monopoint required. Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.
*50W with TMM5450E monopoints.

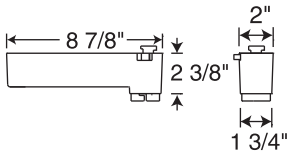
Light Control Accessories

For Fixture:	*TM150*
Color Filters	**T571-6**
Color Correction Filter	**T5719**
Uniformity Lens	**T5721**
UV Filter	**T5722**
Prismatic Spread Lens	**T5777**
Linear Spread Lens	**T5778**
Cube Cell Louver	**T579BL**

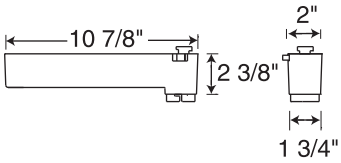
MH2® Ballasts

TM570N and **TM5100** are available in white, black or silver finishes. See MH2 Ballasts section for a full description.

TM570N



TM5100



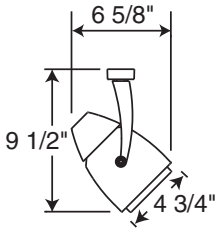
MH2® Conix® T4, G8.5 & T6, G12

MH2 Conix T4 and T6 fixtures integrate the latest generation of single-ended T4, G8.5 and T6, G12 lamps into precision faceted reflectors for efficient, smooth spot, narrow flood and flood beam patterns. T6 lamps offer user friendly plug-in relamping and the ability to standardize on a common lamp type when CMH T6 downlights are used in the same space. T4 lamps have a smaller lamp diameter, enabling increased reflector surface area, therefore producing somewhat higher center beam footcandles as compared to a similar T6 lampholder. All versions are provided with a black finish integral snap-in anti-glare shield/accessory holder that can accept one light control accessory. These fixtures feature 360° rotation to eliminate aiming dead zones. Rotation and aiming can be locked into position using a standard Phillips screwdriver.

TM520, TM539, TM550 or TM570N HID Ballast or TMM Series monopoint required. Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.

Catalog #	Finish	Lamp
TM116WH	White	CMH 20W, 39W, 50W or 70W T4/4.5, G8.5 Bi-Pin 10° Spot
TM116BL	Black	
TM116SL	Silver	
TM118WH	White	CMH 20W, 39W, 50W or 70W T4/4.5, G8.5 Bi-Pin 27° Narrow Flood
TM118BL	Black	
TM118SL	Silver	
TM117WH	White	CMH 20W, 39W, 50W or 70W T4/4.5, G8.5 Bi-Pin 40° Flood
TM117BL	Black	
TM117SL	Silver	

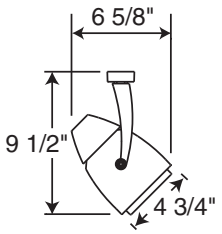
Dimensions



TM520, TM539, TM550, TM570N or TM5100 HID Ballast or TMM Series monopoint required. Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.

Catalog #	Finish	Lamp
TM113WH	White	CMH 20W, 39W, 50W, 70W, 100W or 150W T6/T4.5, G12 Bi-Pin, 8° Spot
TM113BL	Black	
TM113SL	Silver	
TM115WH	White	CMH 20W, 39W, 50W, 70W, 100W or 150W T6/T4.5, G12 Bi-Pin, 25° Narrow Flood
TM115BL	Black	
TM115SL	Silver	
TM114WH	White	CMH 20W, 39W, 50W, 70W, 100W or 150W T6/T4.5, G12 Bi-Pin, 42° Flood
TM114BL	Black	
TM114SL	Silver	

Dimensions



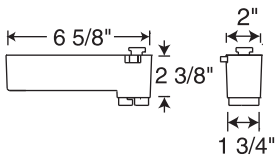
Light Control Accessories

For Fixtures:	*TM113, TM114, TM115, TM116, TM117, TM118*
Color Filters	**T561-6**
Color Correction Filter	**T5619**
Uniformity Lens	**T5621**
UV Filter	**T5622**
Prismatic Spread Lens	**T5677**
Linear Spread Lens	**T5678**
Cube Cell Louver	**T569BL**

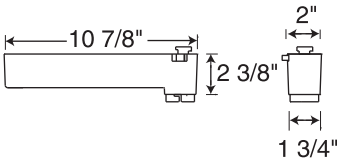
MH2® Ballasts

TM520, TM539, TM550 TM570N and **TM5100** are available in white, black or silver finishes. See MH2 Ballasts section for a full description.

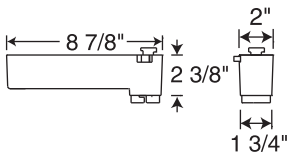
TM520



TM5100



TM539, TM550 or TM570N



The product and system may be covered by the following United States patent: D464,455

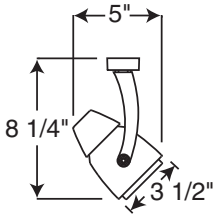
MH2® Conix® PARs

The sculpted MH2 Conix PAR Series can be specified for use with a versatile array of CMH PAR lamps. This series features deep lamp regression for reduced glare and optimum visual cut-off. A black finish integral snap-in anti-glare shield/accessory holder accepts up to two light control accessories. Conix fixtures feature 360˚ rotation to eliminate aiming dead zones. Rotation and aiming can be locked into position using a standard Phillips screwdriver.

Catalog #	Finish	Lamp
TM107WH	White	CMH 20W or 39W PAR20
TM107BL	Black	
TM107SL	Silver	

TM520 or TM539 HID Ballast or TMM Series monopoint required. Must order separately.
See MH2 Ballasts and MH2 Monopoints sections for detailed information.

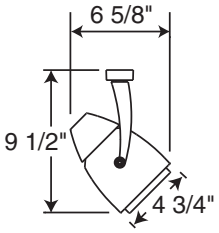
Dimensions



Catalog #	Finish	Lamp
TM108WH	White	CMH 20W, 39W
TM108BL	Black	or 70W PAR30L
TM108SL	Silver	

TM520, TM539 or TM570N HID Ballast or TMM Series monopoint required.
Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.

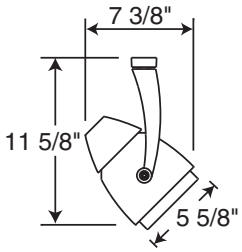
Dimensions



Catalog #	Finish	Lamp
TM109WH	White	CMH 70W, 100W
TM109BL	Black	or 150W* PAR38
TM109SL	Silver	

TM570N or TM5100 HID Ballast or TMM Series monopoint required. Must order separately.
See MH2 Ballasts and MH2 Monopoints sections for detailed information.
*150W with TMM54150E monopoints.

Dimensions



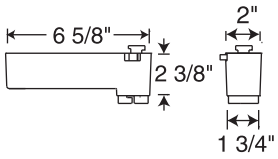
Light Control Accessories

For Fixture:	*TM107*	*TM108*	*TM109*
Color Filters	**T591-6**	**T561-6**	**T571-6**
Color Correction Filter	**T5919**	**T5619**	**T5719**
UV Filter	**T5922**	**T5622**	**T5722**
Uniformity Lens	**T5921**	**T5621**	**T5721**
Linear Spread Lens	**T598**	**T5678**	**T5778**
Prismatic Spread Lens	**T597**	**T5677**	**T5777**
Hexcell Louver	**T5928BL**	–	–
Cube Cell Louver	–	**T569BL**	**T579BL**

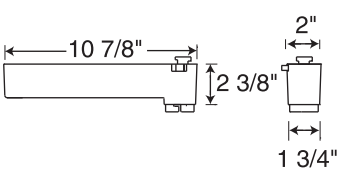
MH2® Ballasts

TM520, TM539, TM570N and **TM5100** are available in white, black or silver finishes. See MH2 Ballasts section for a full description.

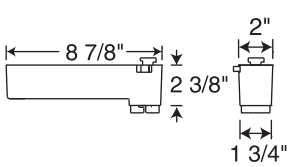
TM520



TM5100



TM539 or TM570N

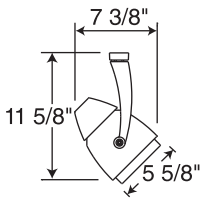


MH2® Conix® ED17

The sculpted MH2 Conix ED17 Series integrates economical ED17 lamps into precisely designed reflectors for efficient, smooth spot, narrow flood and flood beam patterns. A black finish integral snap-in anti-glare shield/accessory holder accepts up to two light control accessories. Conix fixtures feature 360˚ rotation to eliminate aiming dead zones. Rotation and aiming can be locked into position using a standard Phillips screwdriver.

Catalog #	Finish	Lamp
TM110WH	White	CMH 70W, 100W
TM110BL	Black	or 150W* ED17
TM110SL	Silver	10° Spot
TM112WH	White	CMH 70W, 100W
TM112BL	Black	or 150W* ED17
TM112SL	Silver	23° Narrow Flood
TM111WH	White	CMH 70W, 100W
TM111BL	Black	or 150W* ED17
TM111SL	Silver	50° Flood

Dimensions



TM570N and TM5100 HID Ballast or TMM Series monopoint required. Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.

*150W with TMM54150E monopoints.

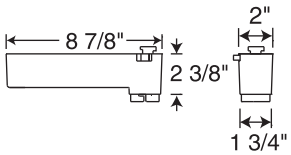
Light Control Accessories

For Fixture:	*TM110, TM111, TM112*
Color Filters	**T571-6**
Color Correction Filter	**T5719**
Uniformity Lens	**T5721**
UV Filter	**T5722**
Prismatic Spread Lens	**T5777**
Linear Spread Lens	**T5778**
Cube Cell Louver	**T579BL**

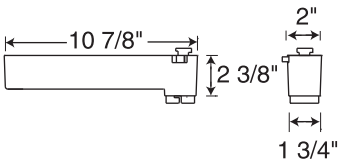
MH2® Ballasts

TM570N and **TM5100** are available in white, black or silver finishes. See MH2 Ballasts section for a full description.

TM570N



TM5100

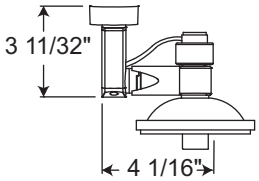


MH_2® R-111, GX8.5 Swivel

The MH_2 R-111 Swivel is a simple, compact luminaire. This very compact, low profile lampholder mounts from an extruded aluminum monolith which attaches directly under the horizontal ballast to provide a minimal fixture footprint. The swivel arm with its captive lamp retention spring simplifies lamping and helps maintain the uncomplicated aesthetic. The R-111 lamp employs a convenient GX8.5 twist and lock base, adding to the simplicity of lamp installation. The collimated beam of light from the CMH R-111 lamp offers unmatched performance in pinpoint spotlighting, accent lighting and long-throw lighting applications.

Catalog #	Finish	Lamp
TM102WH	White	20W, 39W or 70W CMH
TM102BL	Black	R-111, GX8.5
TM102SL	Silver	

Dimensions

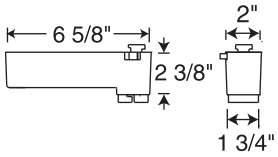


TM520, TM539 or TM570N HID Ballast or TMM Series monopoint required.
Must order separately. See MH_2 Ballasts and MH_2 Monopoints sections for detailed information.

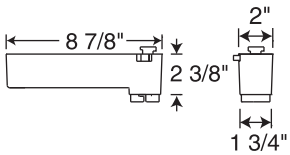
MH_2® Ballasts

TM520, TM539 and **TM570N** are available in white, black or silver finishes. See MH_2 Ballasts section for a full description.

TM520



TM539 or TM570N



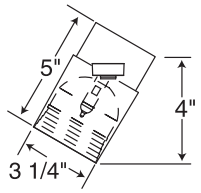
MH2® Concentric Cylinders T4, G8.5

The ultra-compact MH2 Concentric Cylinder T4, G8.5 combines a simple aesthetic with premium performance. Available in spot, narrow flood and flood beam distributions, its computer-contoured faceted reflector is securely mounted to the lamp shroud for precise optical alignment with the lamp. The lamp shroud has a 1" deep integral step baffle for optimal shielding and brightness control. The detachable lamp shroud is easily removed for simplified fixture maintenance. The clear lens provided can be replaced with a variety of light control accessories for optimum beam control. Fixture rotation in two axes enables the fixture to be aimed in any direction. A pendant mount version is also available; this fixture is mounted on an 18" chrome plated steel pendant stem providing up to 18" vertical displacement from the ballast, full 360° fixture rotation and direct compatibility with TMM Series Monopoints.

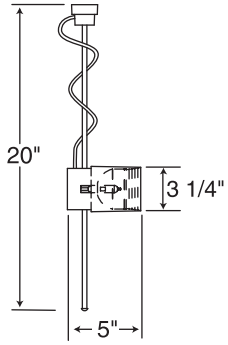
TM520, TM539 or TM570N HID Ballast required. Must order separately. See MH2 Ballasts section for detailed information.

Catalog #	Finish	Lamp
TM132-SP-WH	White	20W, 39W or 70W T4/T4.5, G8.5 Bi-Pin, 10° Spot
TM132-SP-BL	Black	
TM132-SP-SL	Silver	
TM132-NFL-WH	White	20W, 39W or 70W T4/T4.5, G8.5 Bi-Pin, 23° Narrow Flood
TM132-NFL-BL	Black	
TM132-NFL-SL	Silver	
TM132-FL-WH	White	20W, 39W or 70W T4/T4.5, G8.5 Bi-Pin, 32° Flood
TM132-FL-BL	Black	
TM132-FL-SL	Silver	

Dimensions



Catalog #	Finish	Lamp
TMP132-SP-WH	White	20W, 39W or 70W T4/T4.5, G8.5 Bi-Pin, 10° Spot
TMP132-SP-BL	Black	
TMP132-SP-SL	Silver	
TMP132-NFL-WH	White	20W, 39W or 70W T4/T4.5, G8.5 Bi-Pin, 23° Narrow Flood
TMP132-NFL-BL	Black	
TMP132-NFL-SL	Silver	
TMP132-FL-WH	White	20W, 39W or 70W T4/T4.5, G8.5 Bi-Pin, 32° Flood
TMP132-FL-BL	Black	
TMP132-FL-SL	Silver	



TM520, TM539 or TM570N HID Ballast or TMM Series monopoint required.
Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.

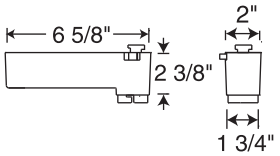
Light Control Accessories

For Fixture:	*TM132, TMP132*
Color Filters	**T591-6**
Color Correction Filter	**T5919**
Uniformity Lens	**T5921**
UV Filter	**T5922**
Prismatic Spread Lens	**T597**
Linear Spread Lens	**T598**

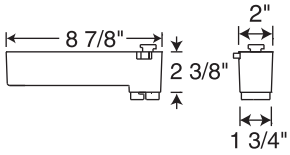
MH2® Ballasts

TM520, TM539 and **TM570N** are available in white, black or silver finishes. See MH2 Ballasts section for a full description.

TM520



TM539 or TM570N



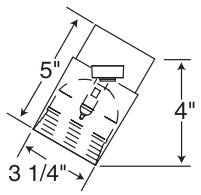
MH2® Concentric Cylinders BT-5, PGJ5

The ultra-compact MH2 Concentric Cylinder BT-5 combines a simple aesthetic with premium performance. Available in spot, narrow flood and flood beam distributions, its computer-contoured faceted reflector is securely mounted to the lamp shroud for precise optical alignment with the lamp. The lamp shroud has a 1" deep integral step baffle for optimal shielding and brightness control. The detachable lamp shroud is easily removed for simplified fixture maintenance. The clear lens provided can be replaced with a variety of light control accessories for optimum beam control. Fixture rotation in two axes enables the fixture to be aimed in any direction. A pendant mount version is also available; this fixture is mounted on an 18" chrome plated steel pendant stem providing up to 18" vertical displacement from the ballast and full 360° fixture rotation.

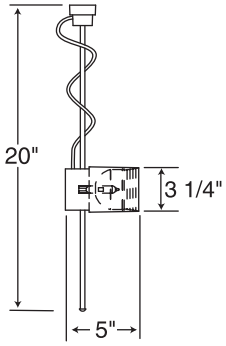
TM522 or TM540 HID Ballast required. Must order separately. See MH2 Ballasts section for detailed information.

Catalog #	Finish	Lamp
TM133-SP-WH	White	20W or 39W BT-5, PGJ5
TM133-SP-BL	Black	Twist & Lock, 10° Spot
TM133-SP-SL	Silver	
TM133-NFL-WH	White	20W or 39W BT-5, PGJ5
TM133-NFL-BL	Black	Twist & Lock, 20° Narrow Flood
TM133-NFL-SL	Silver	
TM133-FL-WH	White	20W or 39W BT-5, PGJ5
TM133-FL-BL	Black	Twist & Lock, 28° Flood
TM133-FL-SL	Silver	

Dimensions



Catalog #	Finish	Lamp
TMP133-SP-WH	White	20W or 39W BT-5, PGJ5
TMP133-SP-BL	Black	Twist & Lock, 10° Spot
TMP133-SP-SL	Silver	
TMP133-NFL-WH	White	20W or 39W BT-5, PGJ5
TMP133-NFL-BL	Black	Twist & Lock, 20° Narrow Flood
TMP133-NFL-SL	Silver	
TMP133-FL-WH	White	20W or 39W BT-5, PGJ5
TMP133-FL-BL	Black	Twist & Lock, 28° Flood
TMP133-FL-SL	Silver	



TM522 or TM540 HID Ballast required. Must order separately.
See MH2 Ballasts section for detailed information.

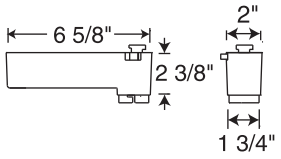
Light Control Accessories

For Fixture:	*TM133, TMP133*
Color Filters	**T591-6**
Color Correction Filter	**T5919**
Uniformity Lens	**T5921**
UV Filter	**T5922**
Prismatic Spread Lens	**T597**
Linear Spread Lens	**T598**

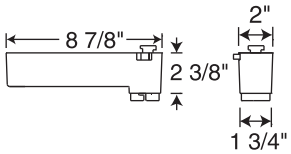
MH2® Ballasts

TM522 and **TM540** are available in white, black or silver finishes. See MH2 Ballasts section for a full description.

TM522



TM540



Trac-Master® | Ceramic Metal Halide Series
MH2® Pro-Gimbal & MH2® Universal PARs

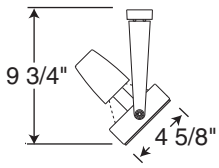
MH2® Pro-Gimbal

This versatile design uses PAR lamps, relamps from the front and features deep lamp shielding with a baffled aperture. The Pro-Gimbal series can be easily accessorized with up to two light control accessories using the optional accessory holder. It features 360˚ rotation to eliminate aiming dead zones. Rotation and aiming can be locked into position using a standard Phillips screwdriver.

Catalog #	Finish	Lamp
TM103WH	White	CMH 20W, 39W or
TM103BL	Black	70W PAR30L
TM103SL	Silver	

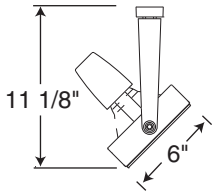
TM520, TM539 or TM570N HID Ballast or TMM Series monopoint required.
Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.

Dimensions



Catalog #	Finish	Lamp
TM104WH	White	CMH 70W, 100W
TM104BL	Black	or 150W** PAR38
TM104SL	Silver	

TM570N or TM5100 HID Ballast or TMM Series monopoint required.
Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.
**150W with TMM54150E monopoints



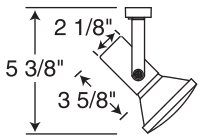
MH2® Universal

This very compact, low-profile lampholder accommodates PAR20 through PAR38 lamps. It features 360-degree plus rotation to eliminate aiming dead zones. Rotation and aiming can be locked into position using a standard Phillips screwdriver.

Catalog #	Finish	Lamp
TM101WH	White	CMH 20W or 39W PAR20,
TM101BL	Black	20W, 39W or 70W PAR30L
TM101SL	Silver	or 70W, 100W or
		150W** PAR38

TM520, TM539, TM570N or TM5100 HID Ballast or TMM Series monopoint required.
Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.
**150W with TMM54150E monopoints

Dimensions



Light Control Accessories

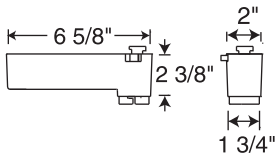
For Fixtures:	*TM103*	*TM104*
Dual Accessory Holder	**TM530BL**	**TM538BL**
Color Filters	**T561-6***	**T571-6***
Color Correction Filter	**T5619***	**T5719***
Uniformity Lens	**T5621***	**T5721***
UV Filter	**T5622***	**T5722***
Prismatic Spread Lens	**T5677***	**T5777***
Linear Spread Lens	**T5678***	**T5778***
Cube Cell Louver	**T569BL***	**T579BL***
Black Eyebrow	**T577BL***	**T587BL***

*Filters, lenses, louver and eyebrow require accessory holder for installation.

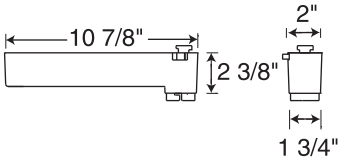
MH2® Ballasts

TM520, TM539, TM570N and **TM5100** are available in white, black or silver finishes. See MH2 Ballasts section for a full description.

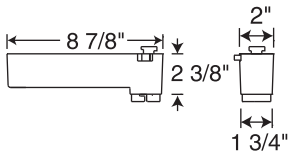
TM520



TM5100



TM539 or TM570N



The product and system may be covered by the following patents: U.S. Patent D478,439; Canada Patent 101,529

MH2® Pendants

MH2 Pendants offer a high-bay aesthetic in either a flexible trac-based format or an elegant monopoint mounting format. The clear or diffuse prismatic acrylic refractor shade provides efficient downlighting along with visual sparkle and a small uplighting component that can brighten ceilings and upper wall cavities. The metal reflector shade produces controlled downlighting and offers a more industrial aesthetic. Pendants with metal shades can be used with protected ED17 lamps rated for use with open fixtures or unprotected ED17 lamps when combined with a glass lens. Pendants using acrylic shades and/or acrylic lenses must use protected ED17 lamps.

120" Cord Assembly

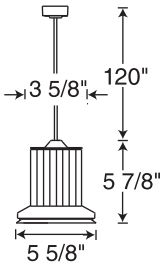
Catalog #	Finish	Lamp
TMP1120WH	White	CMH 50W*, 70W or 100W ED17
TMP1120BL	Black	
TMP1120SL	Silver	

TM570N HID or TM5100 Ballast or TMM Series monopoint required. Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.

*50W with TMM5450E monopoints.

Note: Shade must be ordered separately to complete fixture.

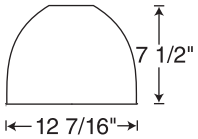
Dimensions



Pendant Shades (order separately)

Catalog #	Finish
TMP1220PL	12" Clear Prismatic Refractor Acrylic Shade (may be used with protected ED17 lamps only)
TMP1221PL	12" Diffuse Prismatic Refractor Acrylic Shade (may be used with protected ED17 lamps only)
TMP1222HZ	12" Metal Reflector Shade, Haze Finish

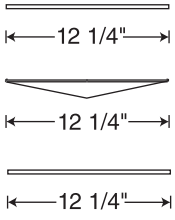
Dimensions



Optional Lenses (order separately)

Catalog #	Finish
TMP1230CL	12" Clear Glass Lens
TMP1231PL	12" Conical Prismatic Refractor Acrylic Lens (may be used with protected ED17 lamps only)
TMP1232UL	12" Fine Prismatic Uniformity Glass Lens

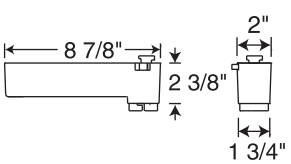
Dimensions



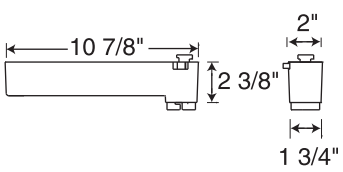
MH2® Ballasts

TM570N and **TM5100** are available in white, black or silver finishes. See MH2 Ballasts section for a full description.

TM570N



TM5100



MH2® Ballasts

MH2 ballasts and monopoints offer the latest in electronic HID technology. The modular ballast/lampholder format allows more compact and attractive fixture designs. It also extends ballast service life by isolating the ballast from the lamp heat source and facilitates field servicing. These ballasts may be combined with a variety of Juno HID lampholders and pendants for optimum flexibility.

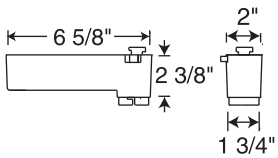
Features

- Premium, high efficiency, constant power electronic ballast with slim-line profile
- Provides optimum CRI performance and consistent color uniformity from fixture to fixture
- Controlled starting current and stable normal operation maximizes lamp life
- Automatic resetting thermal protection
- MOV transient protection
- Lamp end-of-life shutdown prevents nuisance cycling and flashing
- Integral On/Off switch
- High impact polycarbonate ballast housing
- Secondary latch on 39W, 50W, 70W and 100W versions securely attaches housing to trac on both ends to prevent sagging
- Easily and securely attaches to lampholder with locking collar
- UL Listed, CSA certified
- Complies with FCC Part 18
- Sound rated "A" for indoor applications

15W Modular HID Ballasts

Catalog #	Finish	Lamp
TM515WH	White	CMH 15W
TM515BL	Black	(Not compatible with
TM515SL	Silver	BT-5, PGJ5 lamps)

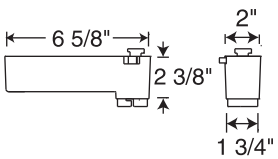
Dimensions



20W Modular HID Ballasts

Catalog #	Finish	Lamp
TM520WH	White	CMH 20W
TM520BL	Black	(Not compatible with
TM520SL	Silver	BT-5, PGJ5 lamps)

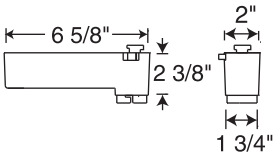
Dimensions



20W Modular HID Ballasts - Compatible with BT-5, PGJ5 lamps only

Catalog #	Finish	Lamp
TM522WH	White	CMH 20W Phillips
TM522BL	Black	BT-5, PGJ5 Only
TM522SL	Silver	

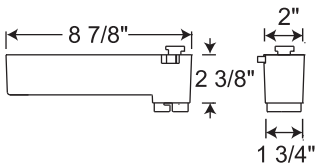
Dimensions



39W Modular HID Ballasts

Catalog #	Finish	Lamp
TM539WH	White	CMH 39W
TM539BL	Black	(Not compatible with
TM539SL	Silver	BT-5, PGJ5 lamps)

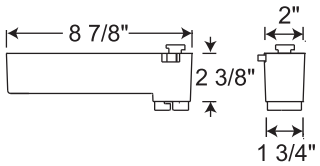
Dimensions



39W Modular HID Ballasts - Compatible with BT-5, PGJ5 lamps

Catalog #	Finish	Lamp
TM540WH	White	CMH 39W including
TM540BL	Black	Philips BT-5, PGJ5
TM540SL	Silver	

Dimensions

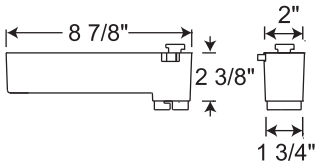


The product and system may be covered by the following United States patent: D457,135

50W Modular HID Ballasts

Catalog #	Finish	Lamp
TM550-WH	White	CMH 50W
TM550-BL	Black	(For use with T4/T4.5,
TM550-SL	Silver	T6/T4.5 or MR16 GX10 Lamps Only)

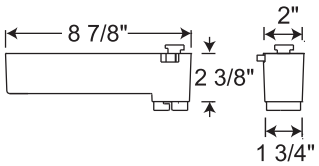
Dimensions



70W Modular HID Ballasts

Catalog #	Finish	Lamp
TM570N-WH	White	CMH 70W
TM570N-BL	Black	
TM570N-SL	Silver	

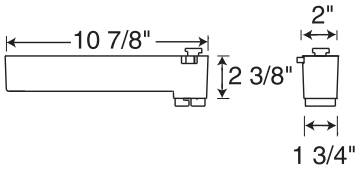
Dimensions



100W Modular HID Ballasts

Catalog #	Finish	Lamp
TM5100WH	White	CMH 100W
TM5100BL	Black	
TM5100SL	Silver	

Dimensions



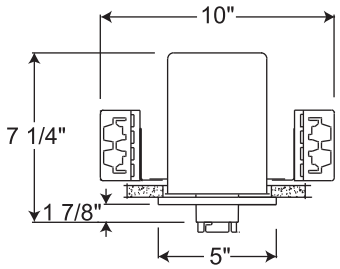
MH2® Recessed Mount HID Monopoint

TC construction. Includes electronic HID ballast, pre-wired recessed housing with commercial mounting brackets (order bar hangers separately), wiring box and canopy. Use with MH2 Series lampholders or pendants. On/Off switch. 120V/277V operation.

Designed for use with Juno bar hangers LB-27, HB-26, HB-50 and HB-1.

Catalog #	Finish	Description
TMM5420E-R-WH	White	20W Monopoint
TMM5420E-R-BL	Black	(Not compatible with
TMM5420E-R-SL	Silver	BT-5, PGJ5 lamps)
TMM5439E-R-WH	White	39W Monopoint
TMM5439E-R-BL	Black	(Not compatible with
TMM5439E-R-SL	Silver	BT-5, PGJ5 lamps)
TMM5450E-R-WH	White	50W Monopoint
TMM5450E-R-BL	Black	
TMM5450E-R-SL	Silver	
TMM5470E-R-WH	White	70W Monopoint
TMM5470E-R-BL	Black	
TMM5470E-R-SL	Silver	
TMM54100E-R-WH	White	100W Monopoint
TMM54100E-R-BL	Black	
TMM54100E-R-SL	Silver	

Dimensions

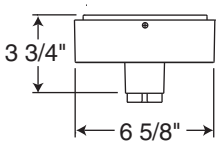


MH2® Surface Mount HID Monopoint

Includes electronic HID ballast. Mounts over standard ceiling outlet box. Use with MH2 Series lampholders or pendants. On/Off switch. 120V/277V operation (except 150W which is voltage specific).

Catalog #	Finish	Description
TMM5420E-S-WH	White	20W Monopoint
TMM5420E-S-BL	Black	(Not compatible with
TMM5420E-S-SL	Silver	BT-5, PGJ5 lamps)
TMM5439E-S-WH	White	39W Monopoint
TMM5439E-S-BL	Black	(Not compatible with
TMM5439E-S-SL	Silver	BT-5, PGJ5 lamps)
TMM5450E-S-WH	White	50W Monopoint
TMM5450E-S-BL	Black	
TMM5450E-S-SL	Silver	
TMM5470E-S-WH	White	70W Monopoint
TMM5470E-S-BL	Black	
TMM5470E-S-SL	Silver	
TMM54100E-S-WH	White	100W Monopoint
TMM54100E-S-BL	Black	
TMM54100E-S-SL	Silver	
TMM54150E-S-120-WH	White	150W, 120V Monopoint
TMM54150E-S-120-BL	Black	
TMM54150E-S-120-SL	Silver	
TMM54150E-S-277-WH	White	150W, 277V Monopoint
TMM54150E-S-277-BL	Black	
TMM54150E-S-277-SL	Silver	

Dimensions



MH2® Extension Wands

MH2 Extension Wands can be used to suspend all MH2 lampholders down from either the TM Series Modular Trac Ballasts or TMM Series Monopoints. Enables the fixture plane to be lowered without lowering the entire trac or ceiling plane. Constructed of rigid tubular steel and high-impact thermoplastic.

Catalog #	Finish	Overall Length
TMW12WH	White	14 3/8"
TMW12BL	Black	14 3/8"
TMW12SL	Silver	14 3/8"
TMW18WH	White	20 3/8"
TMW18BL	Black	20 3/8"
TMW18SL	Silver	20 3/8"
TMW24WH	White	26 3/8"
TMW24BL	Black	26 3/8
TMW24SL	Silver	26 3/8"
TMW36WH	White	38 3/8"
TMW36BL	Black	38 3/8"
TMW36SL	Silver	38 3/8"
TMW48WH	White	48 3/8"
TMW48BL	Black	48 3/8"
TMW48SL	Silver	48 3/8"

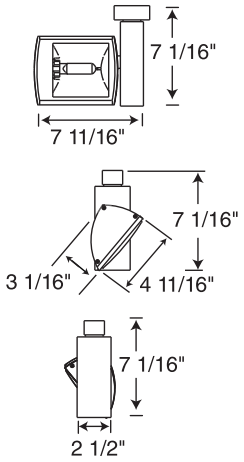
See Extension Wands section for Wide Adapter Extension Wands for use with MHV fixtures.

MHV™ Mini Wall Wash/Flood T4, G8.5 & T6, G12

The MHV Series Mini Wall Wash/Flood fixture delivers outstanding photometric performance in a compact fixture footprint. Small T4, G8.5 or T6, G12 bi-pin lamps enable a reduced housing size and excellent beam control. Its patterned specular reflector delivers a smooth, consistent beam pattern with excellent color mixing. The MHV Series Mini Wall Wash/Flood fixture relamps from the front without the use of tools. Its die cast aluminum lens holder slides to expose the lamp compartment making lamp replacement a breeze.

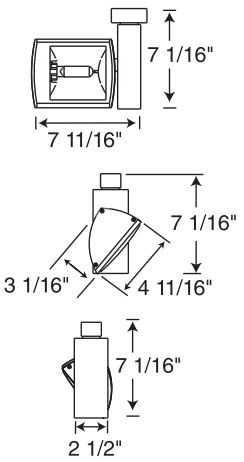
Catalog #	Finish	Lamp
TM257-20-WH	White	20W T4/T4.5, G8.5 Bi-Pin
TM257-20-BL	Black	
TM257-20-SL	Silver	
TM257-39-WH	White	39W T4/T4.5, G8.5 Bi-Pin
TM257-39-BL	Black	
TM257-39-SL	Silver	
TM257-50-WH	White	50W T4/T4.5, G8.5 Bi-Pin
TM257-50-BL	Black	
TM257-50-SL	Silver	
TM257-70-WH	White	70W T4/T4.5, G8.5 Bi-Pin
TM257-70-BL	Black	
TM257-70-SL	Silver	

Dimensions



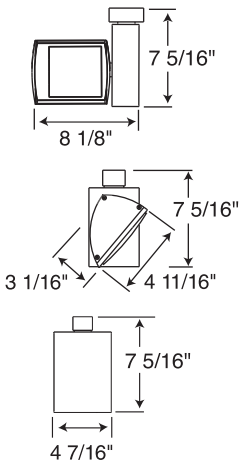
Catalog #	Finish	Lamp
TM256-20-WH	White	20W T6/T4.5, G12 Bi-Pin
TM256-20-BL	Black	
TM256-20-SL	Silver	
TM256-39-WH	White	39W T6/T4.5, G12 Bi-Pin
TM256-39-BL	Black	
TM256-39-SL	Silver	
TM256-50-WH	White	50W T6/T4.5, G12 Bi-Pin
TM256-50-BL	Black	
TM256-50-SL	Silver	
TM256-70-WH	White	70W T6, G12 Bi-Pin
TM256-70-BL	Black	
TM256-70-SL	Silver	

Dimensions



TM256-100-WH	White	100W T6, G12 Bi-Pin
TM256-100-BL	Black	
TM256-100-SL	Silver	
TM256-150-WH	White	150W T6, G12 Bi-Pin
TM256-150-BL	Black	
TM256-150-SL	Silver	

All MHV Series fixtures may be used with T43 Monopoint Canopy.



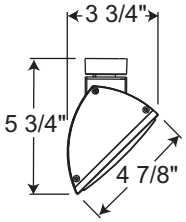
MH2® Mini Wall Wash/Flood T4, G8.5 & T6, G12

The MH2 Series Mini Wall Wash/Flood fixture delivers outstanding photometric performance in a compact fixture footprint. Small T4, G8.5 or T6, G12 bi-pin lamps enable a reduced housing size and excellent beam control. Its patterned specular reflector delivers a smooth, consistent beam pattern with excellent color mixing. The MH2 Series Mini Wall Wash/Flood fixture relamps from the front without the use of tools. Its die cast aluminum lensholder slides to expose the lamp compartment making lamp replacement a breeze.

Catalog #	Finish	Lamp
TM157WH	White	CMH 20W, 39W, 50W
TM157BL	Black	or 70W T4/T4.5, G8.5 Bi-Pin
TM157SL	Silver	

TM520, TM539, TM550 or TM570N HID Ballast or TMM Series monopoint required.
Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.

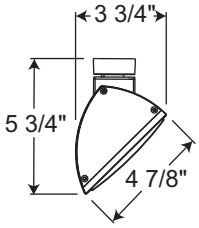
Dimensions



Catalog #	Finish	Lamp
TM156WH	White	CMH 20W, 39W, 50W, 70W
TM156BL	Black	or 100W T6/T4.5, G12 Bi-Pin
TM156SL	Silver	

TM520, TM539, TM550, TM570N or TM5100 HID Ballast or TMM Series monopoint required.
Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.

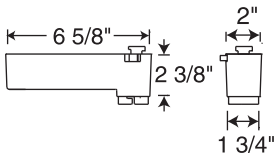
Dimensions



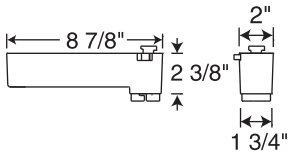
MH2® Ballasts

TM520, TM539, TM550 and **TM570N** are available in white, black or silver finishes. See MH2 Ballasts section for a full description.

TM520



TM539, TM550 or TM570N



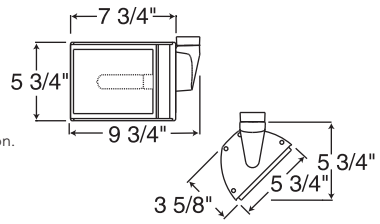
MH2® Wall Wash/Flood T4, G8.5 & T6, G12

A compact, asymmetric or center yoke mounting delivers premium performance making the Rectangular Wall Wash/Flood fixtures especially suited for merchandising applications. Center yoke mounting is ideal for sloped ceiling applications and perfect for monopoint mounting. The small, energy efficient T4 or T6 lamp combined with the standard uniformity lens and flood reflector delivers a widespread distribution with higher levels of illumination. The sliding lens holder design facilitates tool-less relamping and accepts the optional brightness control louver.

Catalog #	Finish	Lamp
TM124WH	White	CMH 20W, 39W,
TM124BL	Black	50W or 70W T4/T4.5,
TM124SL	Silver	G8.5 Bi-Pin

TM520, TM539, TM550 or TM570N HID Ballast or TMM Series monopoint required.
Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.

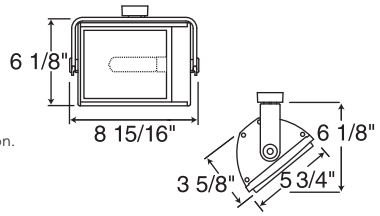
Dimensions



Catalog #	Finish	Lamp
TM125WH	White	CMH 20W, 39W,
TM125BL	Black	50W or 70W T4/T4.5,
TM125SL	Silver	G8.5 Bi-Pin

TM520, TM539, TM550 or TM570N HID Ballast or TMM Series monopoint required.
Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.

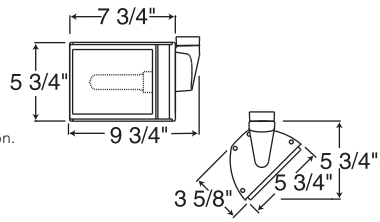
Dimensions



Catalog #	Finish	Lamp
TM122WH	White	CMH 20W, 39W, 50W
TM122BL	Black	70W, 100W or 150W*
TM122SL	Silver	T6/T4.5, G12 Bi-Pin

TM520, TM539, TM550, TM570N or TM5100 HID Ballast or TMM Series monopoint required.
Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.
*150W with TMM54150E monopoints.

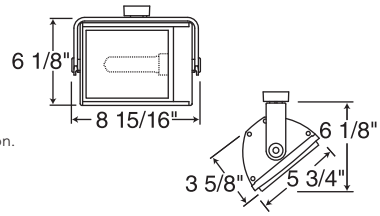
Dimensions



Catalog #	Finish	Lamp
TM123WH	White	CMH 20W, 39W, 50W,
TM123BL	Black	70W, 100W or 150W*
TM123SL	Silver	T6/T4.5, G12 Bi-Pin

TM520, TM539, TM550, TM570N or TM5100 HID Ballast or TMM Series monopoint required.
Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.
*150W with TMM54150E monopoints.

Dimensions



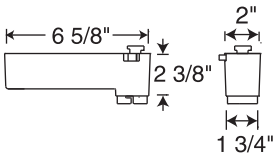
Light Control Accessories

For Fixture:	*TM122, TM123, TM124, TM125*
Vertical Louver	**TMR60BL**

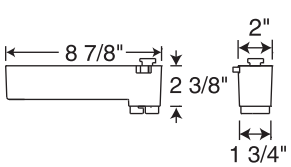
MH2® Ballasts

TM520, TM539, TM550 TM570N and **TM5100** are available in white, black or silver finishes. See MH2 Ballasts section for a full description.

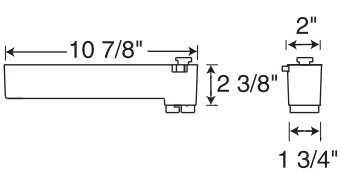
TM520



TM539, TM550 or TM570N



TM5100



The product and system may be covered by the following patents: U.S. Patent D484,629; Canada Patent 101,528

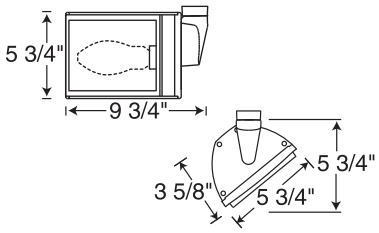
MH2® Rectangular Wall Wash/Flood ED17

A compact, asymmetric or center yoke mounting delivers premium performance making the Rectangular Wall Wash/Flood luminaires especially suited for merchandising applications. Center yoke mounting is ideal for sloped ceiling applications and perfect for monopoint mounting. The high lumen ED17 lamp combined with the standard uniformity lens and flood reflector delivers a widespread distribution with higher levels of illumination. The sliding lens holder design facilitates tool-less relamping and accepts the optional brightness control louver.

Catalog #	Finish	Lamp
TM120WH	White	CMH 50W*, 70W,
TM120BL	Black	100W or 150W* ED17
TM120SL	Silver	

TM570N or TM5100 HID Ballast* or TMM Series Monopoint required. Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.
*Use with 50W or 150W Monopoints.

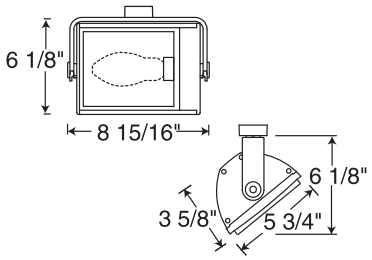
Dimensions



Catalog #	Finish	Lamp
TM121WH	White	CMH 50W*, 70W,
TM121BL	Black	100W or 150W* ED17
TM121SL	Silver	

TM570N or TM5100 HID Ballast* or TMM Series Monopoint required. Must order separately. See MH2 Ballasts and MH2 Monopoints sections for detailed information.
*Use with 50W or 150W Monopoints.

Dimensions



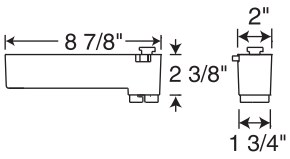
Light Control Accessories

For Fixture:	*TM120, TM121*
Vertical Louver	**TMR60BL**

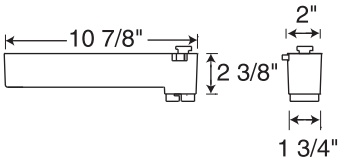
MH2® Ballasts

TM570N and **TM5100** are available in white, black or silver finishes. See MH2 Ballasts section for a full description.

TM570N



TM5100



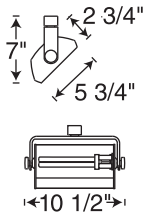
Biax® Wall Wash

Approximately three times more efficient than halogen, the Biax wall wash fixtures provide widespread, uniform illumination for perimeter walls and displays using popular biaxial compact fluorescent lamps. Biax models up through 39 watts have a single adapter and can be rotated off-axis from the trac for additional aiming flexibility. The TBX Series is suitable for ceiling mount applications only.

- Optional electronic ballast for maximum energy efficiency and quiet operation
- Rated lamp life of up to 20,000 hours
- Optional molded louver (ordered separately) can be specified in white, clear specular or black finishes
- Ceiling mount only (TBX Series)

Catalog #	Finish	Lamp	Ballast Type
TMBX26WH	White	One 26W CFL Quad 2-Pin	120V NPF
TMBX26BL	Black		Magnetic

Dimensions

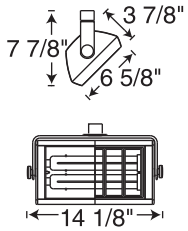


Catalog #	Finish	Lamp	Ballast Type
TBX18E-WH	White	Two 18W High Lumen CFL	120V HPF
TBX18E-BL	Black		Electronic
TBX18E-SL	Silver		

Shown with Black Louver, order separately.

Use 10 1/2" length High Lumen Compact Fluorescent Lamps.

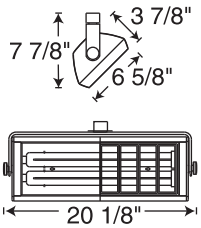
Dimensions



Catalog #	Finish	Lamp	Ballast Type
TBX39E-WH	White	Two 36W/39W	120V HPF
TBX39E-BL	Black	High Lumen CFL	Electronic
TBX39E-SL	Silver		

Shown with Black Louver, order separately.

Dimensions

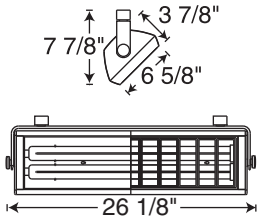


Catalog #	Finish	Lamp	Ballast Type
TBX40E-WH	White	Two 40W High Lumen CFL	120V HPF
TBX40E-BL	Black		Electronic
TBX40E-SL	Silver		

Shown with Black Louver, order separately.

TBX40E has (2) mounting points spaced 20 1/4" apart.

Dimensions



Light Control Accessories

For Fixtures:	*TBX18E*	*TBX39E*	*TBX40E*
Black Louver	**BL18**	**BL39**	**BL40**
Specular Clear Louver	**SL18**	**SL39**	**SL40**
White Louver	**WL18**	**WL39**	**WL40**

Biax is a registered trademark of General Electric.

Trac-Master® | Wall Wash

T5HO Close-to-Trac

Description

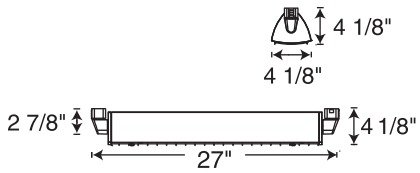
The T5HO Close-to-Trac fixture integrates the latest generation of ultra-compact, linear fluorescent lamps that are four times more efficient than halogen. A computer designed reflector maximizes optical efficiency and produces exceptional, uniform illumination of perimeter walls and displays. Its sleek profile is so shallow that it virtually blends in with the trac.

Features

- Electronic ballast for maximum energy efficiency and quiet operation
- 20,000-hour lamp life with exceptional lumen maintenance
- Integral one-piece, snap-in metal louver provides the perfect blend of brightness control, aesthetics and efficiency
- Optional clear acrylic lamp containment lens/barrier for food service applications

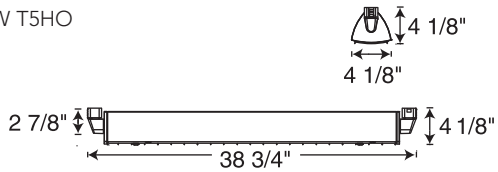
Catalog #	Finish	Lamp
T5T22WH	White	Two 24W T5HO
T5T22BL	Black	
T5T22SL	Silver	

Dimensions



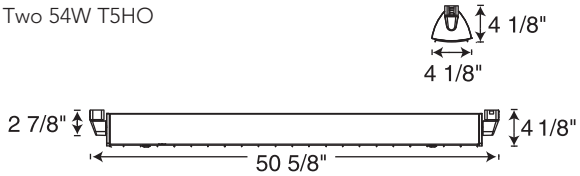
Catalog #	Finish	Lamp
T5T32WH	White	Two 39W T5HO
T5T32BL	Black	
T5T32SL	Silver	

Dimensions



Catalog #	Finish	Lamp
T5T42WH	White	Two 54W T5HO
T5T42BL	Black	
T5T42SL	Silver	

Dimensions



Light Control Accessories

For Fixtures:	*TMT22*	*TMT32*	*TMT42*
Clear Acrylic Lens	**T5L22CL**	**T5L32CL**	**T5L42CL**

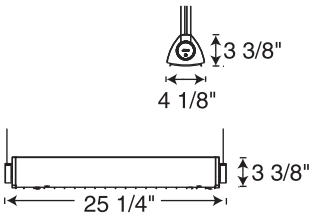
Trac-Master® | Wall Wash
T5HO Cable Suspended

Description
The T5HO Cable Suspended fixture integrates the latest generation of ultra-compact linear fluorescent lamps that are four times more efficient than halogen. A computer-designed reflector maximizes optical efficiency and produces exceptional, uniform illumination of perimeter walls and displays. This shallow profile fixture is suspended from the trac on thin stainless steel cables that are easily field-adjusted to lengths up to six feet.

Features
- Electronic ballast for maximum energy efficiency and quiet operation
- 20,000-hour lamp life with exceptional lumen maintenance
- 360˚ vertical rotation accommodates uplight and downlight aiming
- Integral one-piece, snap-in metal louver provides the perfect blend of brightness control, aesthetics and efficiency
- Optional clear acrylic lamp containment lens/barrier for food service applications

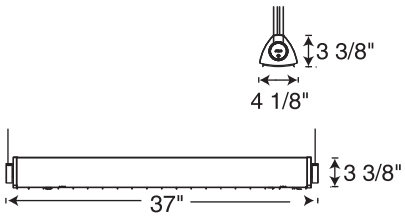
Catalog #	Finish	Lamp
T5C22WH	White	Two 24W T5HO
T5C22BL	Black	
T5C22SL	Silver	

Dimensions



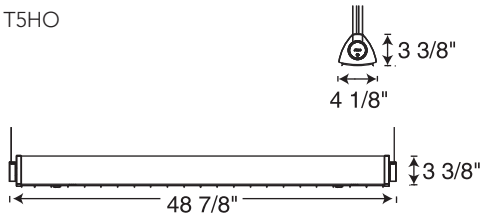
Catalog #	Finish	Lamp
T5C32WH	White	Two 39W T5HO
T5C32BL	Black	
T5C32SL	Silver	

Dimensions



Catalog #	Finish	Lamp
T5C42WH	White	Two 54W T5HO
T5C42BL	Black	
T5C42SL	Silver	

Dimensions



Light Control Accessories

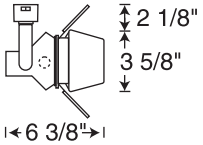
For Fixtures:	*T5C22*	*T5C32*	*T5C42*
Clear Acrylic Lens	**T5L22CL**	**T5L32CL**	**T5L42CL**

Halogen Flood

These economical floodlights provide crisp, white halogen light from a very compact fixture. The integral barn doors on the T366 provide brightness control and allow shaping of the light cut-off.

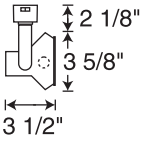
Catalog #	Finish	Lamp
T366WH	White	75-250W T4
T366BL	Black	DC Bayonet in USA
T366WH-CN	White	75-250W T3
T366BL-CN	Black	R7S in Canada

Dimensions



Catalog #	Finish	Lamp
T367WH	White	75-250W T4
T367BL	Black	DC Bayonet in USA
T367WH-CN	White	75-250W T3
T367BL-CN	Black	R7S in Canada

Dimensions



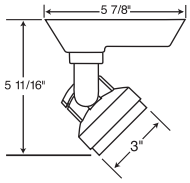
Cylindra™ Low Voltage & Line Voltage

Applying a new twist to a traditional design, Cylindra Series offers a unique, contemporary aesthetic based on a step cylinder fixture platform. Gentle arcs elegantly blend with bold edges to provide a unique yet timeless visual appeal. The Trac-Master versions of the Cylindra CMH Series are available in line voltage PAR20, PAR30, PAR38 and low voltage MR16. Ranging in wattage from 20W to 150W, making them suitable for a wide variety of lighting applications. Each Cylindra fixture is supplied with an integral bayonet-mount media cartridge that is designed to simultaneously accept up to two light control accessories.

Catalog #	Finish	Lamp
T841WH	White	12V, 20-50W MR16
T841BL	Black	
T841SL	Silver	

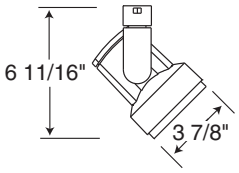
T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



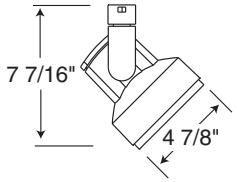
Catalog #	Finish	Lamp
T844WH	White	35-50W PAR20
T844BL	Black	
T844SL	Silver	

Dimensions



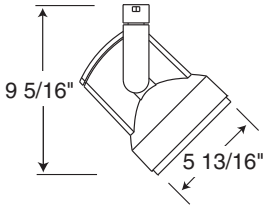
Catalog #	Finish	Lamp
T845WH	White	35-75W PAR30
T845BL	Black	
T845SL	Silver	

Dimensions



Catalog #	Finish	Lamp
T846WH	White	45-150W PAR38
T846BL	Black	
T846SL	Silver	

Dimensions



Light Control Accessories

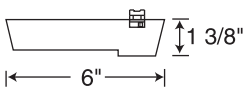
For Fixtures:	*T841*	*T844*	*T845*	*T846*
Dichroic Lenses	**T7401-18**	**T5918**	**T5618**	**T5718**
Color Filters	**T741-6**	**T591-6**	**T561-6**	**T571-6**
Diffuse Spread Lens	**T7420**	–	–	–
Uniformity Lens	**T7421**	**T5921**	**T5621**	**T5721**
UV Filter	**T7422**	**T5922**	**T5622**	**T5722**
Prismatic Spread Lens	**T7477**	**T597**	**T5677**	**T5777**
Linear Spread Lens	**T7478**	**T598**	**T5678**	**T5778**
Cube Cell Louver	–	–	**T569BL**	**T579BL**
Hexcell Louver	**T7459BL**	**T5928BL**	–	–

Note: Accepts up to two 2" accessories.

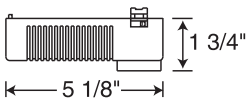
20-75VA 12V Transformers

T537 and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537



T538



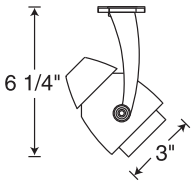
Conix®

The Conix series combines elegant aesthetics with professional display lighting features. The bullet-shaped Conix housing is perfectly complemented by Juno's proprietary wishbone yoke. Aiming and rotation locks allow fixture aiming to be locked into position with a Phillips screwdriver and black finish dual accessory holders accommodate up to two color filters, louvers or light control lenses. A special 360˚ rotation feature on this series eliminates aiming dead zones.

Catalog #	Finish	Lamp
T406WH	White	12V, 20-50W MR16
T406BL	Black	
T406SL	Silver	

T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

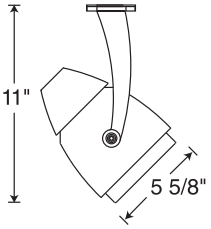
Dimensions



Catalog #	Finish	Lamp
T410WH	White	12V, 35-50W PAR36
T410BL	Black	
T410SL	Silver	

T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

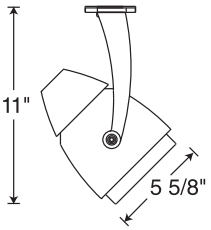
Dimensions



Catalog #	Finish	Lamp
T411WH	White	12V, 35-75W AR111
T411BL	Black	
T411SL	Silver	

T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



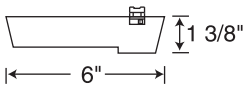
Light Control Accessories

For Fixtures:	*T406*	*T410, T411*
Dichroic Lenses	**T5501-18**	**T5718**
Color Filters	**T551-6**	**T571-6**
Diffuse Spread Lens	**T5520**	**–**
Uniformity Lens	**T5521**	**T5721**
UV Filter	**T5522**	**T5722**
Prismatic Spread Lens	**T557**	**T5777**
Linear Spread Lens	**T559**	**T5778**
Cube Cell Louver	**–**	**T579BL**
Hexcell Louver	**T5559BL**	**–**

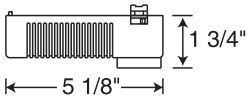
20-75VA 12V Transformers

T537 and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537

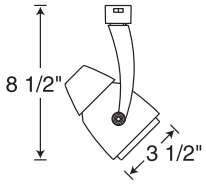


T538



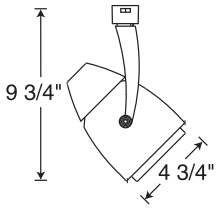
Catalog #	Finish	Lamp
T407WH	White	35-50W PAR20
T407BL	Black	
T407SL	Silver	

Dimensions



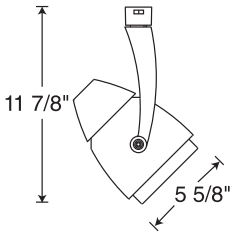
Catalog #	Finish	Lamp
T408WH	White	35-75W PAR30
T408BL	Black	
T408SL	Silver	

Dimensions



Catalog #	Finish	Lamp
T409WH	White	45-120W PAR38
T409BL	Black	
T409SL	Silver	

Dimensions



Light Control Accessories

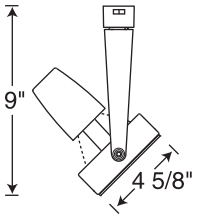
For Fixture:	*T407*	*T408*	*T409*
Dichroic Lenses	**T5918**	**T5618**	**T5718**
Color Filters	**T591-6**	**T561-6**	**T571-6**
Uniformity Lens	**T5921**	**T5621**	**T5721**
UV Filter	**T5922**	**T5622**	**T5722**
Prismatic Spread Lens	**T597**	**T5677**	**T5777**
Linear Spread Lens	**T598**	**T5678**	**T5778**
Cube Cell Louver	–	**T569BL**	**T579BL**
Hexcell Louver	**T5928BL**	–	–

Pro-Gimbal

This versatile design uses PAR lamps, relamps from the front and features deep lamp shielding with a baffled aperture. The Pro-Gimbal series can be easily accessorized with up to two light control accessories using the optional accessory holder. It features 360˚ rotation to eliminate aiming dead zones. Rotation and aiming can be locked into position using a standard Phillips screwdriver.

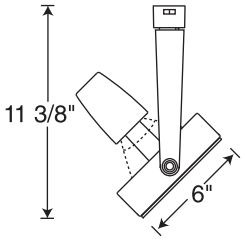
Catalog #	Finish	Lamp
T403WH	White	35-75W PAR30
T403BL	Black	
T403SL	Silver	

Dimensions



Catalog #	Finish	Lamp
T404WH	White	45-120W PAR38
T404BL	Black	
T404SL	Silver	

Dimensions



Light Control Accessories

For Fixtures:	*T403*	*T404*
Dual Accessory Holder	**TM530BL**	**TM538BL**
Color Filters	**T561-6***	**T571-6***
Dichroic Lens	**T5618***	**T5718***
Uniformity Lens	**T5621***	**T5721***
UV Filter	**T5622***	**T5722***
Prismatic Spread Lens	**T5677***	**T5777***
Linear Spread Lens	**T5678***	**T5778***
Cube Cell Louver	**T569BL***	**T579BL***
Black Eyebrow	**T577BL***	**T587BL***

*Filters, lenses, louver and eyebrow require accessory holder for installation.

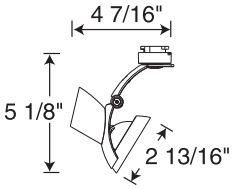
Mamba®

The Mamba is a strikingly original, front loading gimbal ring design. Gracefully curved and tapered elements flow into a gimbal ring that appears to float, while the gently scooped socket housing reinforces a concave/convex theme. Concealed wiring and sleek trac adapter create an ultra-clean appearance. Mamba for Trac-Master is designed for use with 75W PAR30 and 150W PAR38 line voltage halogen lamps and 50W MR16CG low voltage halogen lamps with integral cover glass. Media cartridges are not available for this fixture due to the unique characteristics of the gimbal ring design.

Catalog #	Finish	Lamp
T860WH	White	12V, 20-50W MR16CG
T860BL	Black	Cover Glass
T860SL	Silver	

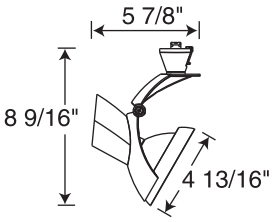
T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



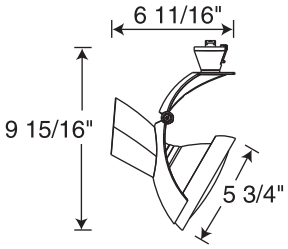
Catalog #	Finish	Lamp
T863WH	White	35-75W PAR30
T863BL	Black	
T863SL	Silver	

Dimensions



Catalog #	Finish	Lamp
T868WH	White	45-150W PAR38
T868BL	Black	
T868SL	Silver	

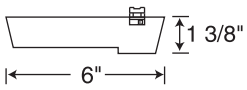
Dimensions



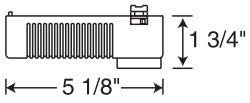
20-75VA 12V Transformers

T537 and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537



T538



The product and system may be covered by the following patents: U.S. Patents D546,993; D594,822; Canada Patent Pending

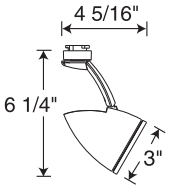
Xanadu®

Stunning simplicity yields a classic beauty. Xanadu's stem elevates from the fixture as though carved from a section of its cone shaped body. Its pure shape is devoid of extraneous detail. Its concealed wiring and blended trac adapter produce an ultra-clean appearance. Xanadu for Trac-Master is designed for use with 50W PAR20, 75W PAR30, and 150W PAR38 line voltage halogen lamps and 50W MR16 low voltage halogen lamps. An optional, integral, bayonet-mount media cartridge is available for the PAR30 fixture that simultaneously accepts up to two light control accessories. A dual accessory media cartridge is standard on the MR16 fixture.

Catalog #	Finish	Lamp
T870WH	White	12V, 20-50W MR16
T870BL	Black	
T870SL	Silver	

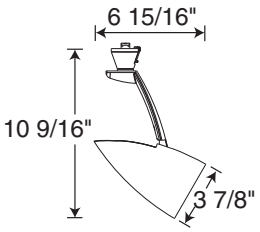
T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



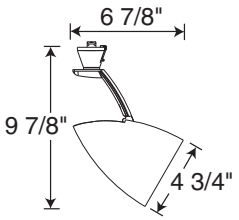
Catalog #	Finish	Lamp
T872WH	White	35-50W PAR20
T872BL	Black	
T872SL	Silver	

Dimensions



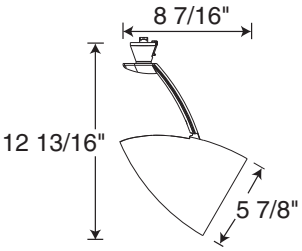
Catalog #	Finish	Lamp
T873WH	White	35-75W PAR30
T873BL	Black	
T873SL	Silver	

Dimensions



Catalog #	Finish	Lamp
T878WH	White	45-150W PAR38
T878BL	Black	
T878SL	Silver	

Dimensions



Light Control Accessories

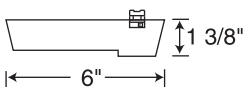
For Fixtures:	*T870*	*T873*
Dual Accessory Holder*	–	**T853MC-WH, -BL, -SL**
Dichroic Lenses	**T7401-18**	**T5618***
Color Filters	**T741-6**	**T561-6***
Diffuse Spread Lens	**T7420**	–
Uniformity Lens	**T7421**	**T5621***
UV Filter	**T7422**	**T5622***
Prismatic Spread Lens	**T7477**	**T5677***
Linear Spread Lens	**T7478**	**T5678***
Hexcell Louver	**T7459BL**	–
Cube Cell Louver	–	**T569BL***

*Filters, lenses, and louver require dual accessory holder for installation.

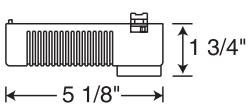
20-75VA 12V Transformers

T537 and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537



T538



The product and system may be covered by the following patents: U.S. Patents D547,479; D594,822; Canada Patent Pending

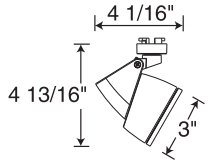
Facet®

Sweeping lines, arresting angles, and a brilliant lack of symmetry result in a totally unexpected design. Facet's socket housing morphs into a stem that is uniquely horizontal in nature. Concealed wiring and sleek trac adapter complete the ultra-clean appearance. Facet for Trac-Master is designed for use with 50W PAR20, 75W PAR30, and 150W PAR38 line voltage halogen lamps and 50W MR16 low voltage halogen lamps. An optional, integral, bayonet-mount media cartridge is available for the PAR30 fixture that simultaneously accepts up to two light control accessories. A dual accessory media cartridge is standard on the MR16 fixture.

Catalog #	Finish	Lamp
T850WH	White	12V, 20-50W MR16
T850BL	Black	
T850SL	Silver	

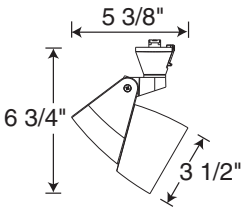
T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



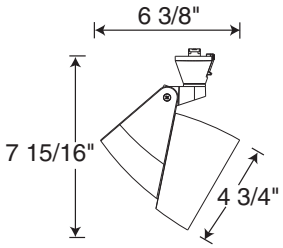
Catalog #	Finish	Lamp
T852WH	White	35-50W PAR20
T852BL	Black	
T852SL	Silver	

Dimensions



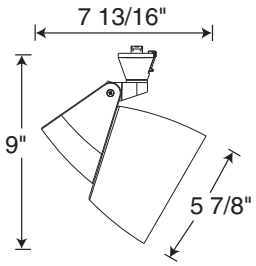
Catalog #	Finish	Lamp
T853WH	White	35-75W PAR30
T853BL	Black	
T853SL	Silver	

Dimensions



Catalog #	Finish	Lamp
T858WH	White	45-150W PAR38
T858BL	Black	
T858SL	Silver	

Dimensions



Light Control Accessories

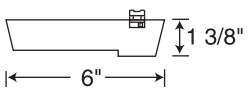
For Fixtures:	*T850*	*T853*
Dual Accessory Holder*	–	**T853MC-WH, -BL, -SL**
Dichroic Lenses	**T7401-18**	**T5618***
Color Filters	**T741-6**	**T561-6***
Diffuse Spread Lens	**T7420**	–
Uniformity Lens	**T7421**	**T5621***
UV Filter	**T7422**	**T5622***
Prismatic Spread Lens	**T7477**	**T5677***
Linear Spread Lens	**T7478**	**T5678***
Hexcell Louver	**T7459BL**	–
Cube Cell Louver	–	**T569BL***

*Filters, lenses, and louver require dual accessory holder for installation.

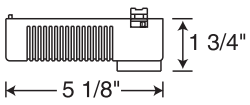
20-75VA 12V Transformers

T537 and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537



T538



The product and system may be covered by the following patents: U.S. Patents D546,996; D594,822; Canada Patent Pending

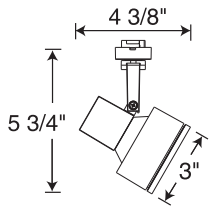
Cubix®

The Cubix is a study of the visual relationship between two different geometric forms: the ring and the cube. In this design, the stem becomes a central element, forming a pleasing visual extension of the cube form. Concealed wiring and sleek trac adapter offer an ultra-clean appearance. Cubix for Trac-Master is designed for use with 50W PAR20, 75W PAR30, and 150W PAR38 line voltage halogen lamps and 50W MR16 low voltage halogen lamps. An optional, integral, bayonet-mount media cartridge is available for the PAR30 fixture that simultaneously accepts up to two light control accessories. A dual accessory media cartridge is standard on the MR16 fixture.

Catalog #	Finish	Lamp
T890WH	White	12V, 20-50W MR16
T890BL	Black	
T890SL	Silver	

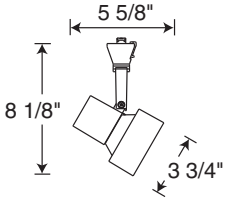
T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



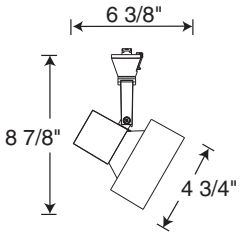
Catalog #	Finish	Lamp
T892WH	White	35-50W PAR20
T892BL	Black	
T892SL	Silver	

Dimensions



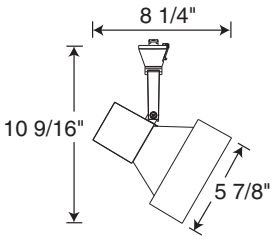
Catalog #	Finish	Lamp
T893WH	White	35-75W PAR30
T893BL	Black	
T893SL	Silver	

Dimensions



Catalog #	Finish	Lamp
T898WH	White	45-150W PAR38
T898BL	Black	
T898SL	Silver	

Dimensions



Light Control Accessories

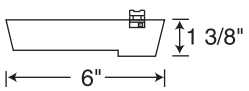
For Fixtures:	*T890*	*T893*
Dual Accessory Holder*	–	**T893MC-WH, -BL, -SL**
Dichroic Lenses	**T7401-18**	**T5618***
Color Filters	**T741-6**	**T561-6***
Diffuse Spread Lens	**T7420**	–
Uniformity Lens	**T7421**	**T5621***
UV Filter	**T7422**	**T5622***
Prismatic Spread Lens	**T7477**	**T5677***
Linear Spread Lens	**T7478**	**T5678***
Hexcell Louver	**T7459BL**	–
Cube Cell Louver	–	**T569BL***

*Filters, lenses, and louver require dual accessory holder for installation.

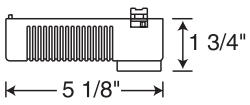
20-75VA 12V Transformers

T537 and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537



T538



The product and system may be covered by the following patents: U.S. Patents D546,994; D594,822; Canada Patent Pending

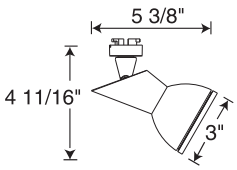
Glacis®

The Glacis is inspired by the beauty of our natural world. The truncated conical element at the top cloaks the stem pivot when observed from conventional viewing angles. Concealed wiring and sleek trac adapter complete the ultra-clean appearance. Glacis for Trac-Master is designed for use with 50W PAR20, 75W PAR30, and 150W PAR38 line voltage halogen lamps and 50W MR16 low voltage halogen lamps. An optional, integral, bayonet-mount media cartridge is available for the PAR30 fixture that simultaneously accepts up to two light control accessories. Media cartridge for two light control accessories is standard on the MR16 fixture.

Catalog #	Finish	Lamp
T880WH	White	12V, 20-50W MR16
T880BL	Black	
T880SL	Silver	

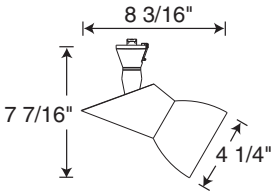
T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



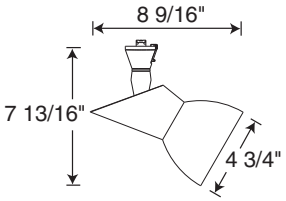
Catalog #	Finish	Lamp
T882WH	White	35-50W PAR20
T882BL	Black	
T882SL	Silver	

Dimensions



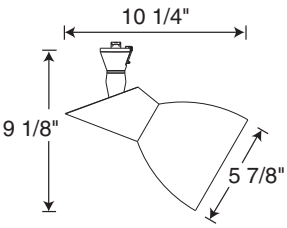
Catalog #	Finish	Lamp
T883WH	White	35-75W PAR30
T883BL	Black	
T883SL	Silver	

Dimensions



Catalog #	Finish	Lamp
T888WH	White	45-150W PAR38
T888BL	Black	
T888SL	Silver	

Dimensions



Light Control Accessories

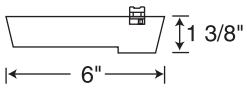
For Fixtures:	*T880*	*T883*
Dual Accessory Holder*	–	**T853MC-WH, -BL, -SL**
Dichroic Lenses	**T7401-18**	**T5618***
Color Filters	**T741-6**	**T561-6***
Diffuse Spread Lens	**T7420**	–
Uniformity Lens	**T7421**	**T5621***
UV Filter	**T7422**	**T5622***
Prismatic Spread Lens	**T7477**	**T5677***
Linear Spread Lens	**T7478**	**T5678***
Hexcell Louver	**T7459BL**	–
Cube Cell Louver	–	**T569BL***

*Filters, lenses, and louver require dual accessory holder for installation.

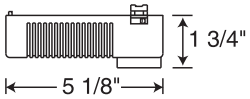
20-75VA 12V Transformers

T537 and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537



T538



The product and system may be covered by the following patents: U.S. Patents D546,995; D594,822; Canada Patent Pending

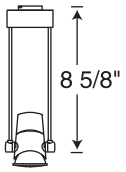
Trapezia™

Slender 9-inch or 16-inch nominal length tubes conceal supply wires feeding into an elegantly sculpted die cast lamp housing. The light, airy appearance is great for display, exhibition and gallery lighting, and the downward reach can make pendant mounting of trac unnecessary.

Catalog #	Finish	Lamp
T630-9-WH	White	12V, 20-50W MR16CG
T630-9-BL	Black	Cover Glass
T630-9-SL	Silver	

T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

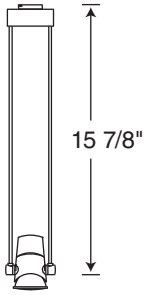
Dimensions



Catalog #	Finish	Lamp
T630-16-WH	White	12V, 20-50W MR16CG
T630-16-BL	Black	Cover Glass
T630-16-SL	Silver	

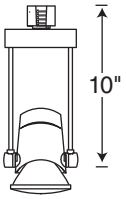
T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



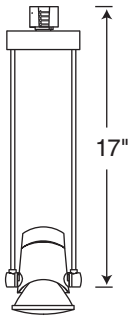
Catalog #	Finish	Lamp
T635-9-WH	White	35-75W PAR30
T635-9-BL	Black	
T635-9-SL	Silver	

Dimensions



Catalog #	Finish	Lamp
T635-16-WH	White	35-75W PAR30
T635-16-BL	Black	
T635-16-SL	Silver	

Dimensions



Light Control Accessories

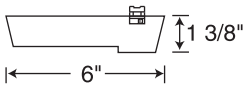
For Fixtures:	*T630-9, T630-16*
Dual Accessory Holder	**T7400BL, SA**
Dichroic Lenses	**T7401-18***
Color Filters	**T741-6***
Diffuse Spread Lens	**T7420***
Uniformity Lens	**T7421***
UV Filter	**T7422***
Prismatic Spread Lens	**T7477***
Linear Spread Lens	**T7478***
Hexcell Louver	**T7459BL**
Barn Doors	**T7470BL***

*Filters, lenses, louver and barn doors require accessory holder for installation. Use of light control accessories negates the need for MR16 cover glass lamp (except Barn Doors).

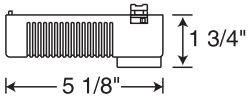
20-75VA 12V Transformers

T537 and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537



T538



The product and system may be covered by the following United States patent: D504,974

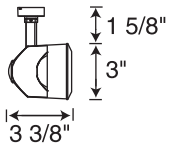
Gyrus™

A new spin on a classic design, the Gyrus series combines dramatic aerodynamic styling with the convenience of a front relamping gimbal ring. The MR16 has an integral accessory holder that accepts up to two standard 2" diameter lenses or louver. An optional snap-in, dual accessory holder is available for the PAR30 that smartly integrates into the fixture design.

Catalog #	Finish	Lamp
T640WH	White	12V, 20-50W MR16
T640BL	Black	
T640SL	Silver	

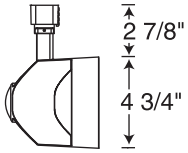
T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Catalog #	Finish	Lamp
T645WH	White	35-75W PAR30
T645BL	Black	
T645SL	Silver	

Dimensions



Light Control Accessories

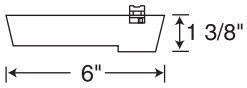
For Fixtures:	*T640*	*T645*
Dual Accessory Holder*	–	**T645MC-WH, -BL, -SL**
Dichroic Lenses	**T7401-18**	**T5618***
Color Filters	**T741-6**	**T561-6***
Diffuse Spread Lens	**T7420**	–
Uniformity Lens	**T7421**	**T5621***
UV Filter	**T7422**	**T5622***
Prismatic Spread Lens	**T7477**	**T5677***
Linear Spread Lens	**T7478**	**T5678***
Hexcell Louver	**T7459BL**	–
Cube Cell Louver	–	**T569BL***

*Filters, lenses, and louver require dual accessory holder for installation.

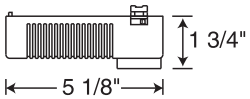
20-75VA 12V Transformers

T537 and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537



T538



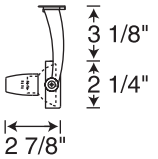
Wishbones

An elegant interpretation of the popular gimbal ring fixture, the sculpted "wishbone" yoke and contoured socket cup produce a most pleasing combination of form and proportion. A special 360° rotation feature on this series eliminates aiming dead zones.

Catalog #	Finish	Lamp
T480WH	White	12V, 20-50W MR16
T480BL	Black	
T480SL	Silver	
T480SC	Satin Chrome Ring with Black Yoke	

T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

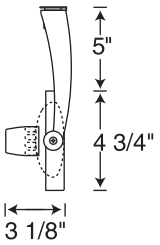
Dimensions



Catalog #	Finish	Lamp
T484WH	White	12V, 35-50W PAR36
T484BL	Black	
T484SL	Silver	

T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

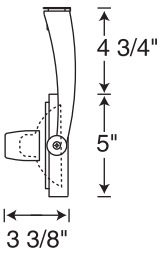
Dimensions



Catalog #	Finish	Lamp
T485WH	White	12V, 35-75W AR111
T485BL	Black	
T485SL	Silver	

T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



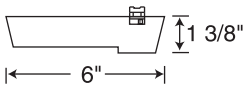
Light Control Accessories

For Fixtures:	*T480*	*T485*
Dichroic Lenses	**T5501-18**	**T5718**
Color Filters	**T551-5**	**T571-6**
Diffuse Spread Lens	**T5520**	**–**
Uniformity Lens	**T5521**	**T5721**
UV Filter	**T5522**	**T5722**
Prismatic Spread Lens	**T557**	**T5777**
Linear Spread Lens	**T559**	**T5778**
Hexcell Louver	**T5559BL**	**–**
Cube Cell Louver	**–**	**T579BL**
Black Snoot	**T558BL**	**–**
Black Eyebrow	**T556BL**	**T587BL**
Black Barn Doors	**T74BL**	**–**

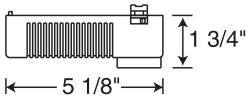
20-75VA 12V Transformers

T537 and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537



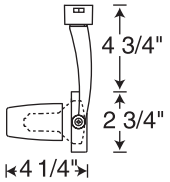
T538



The product and system may be covered by the following United States patent: D395,140

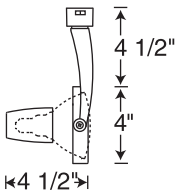
Catalog #	Finish	Lamp
T482WH	White	35-50W PAR20
T482BL	Black	
T482SL	Silver	
T482SC	Satin Chrome Ring with Black Yoke	

Dimensions



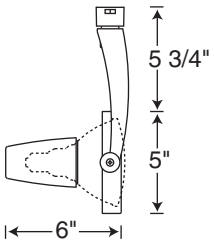
Catalog #	Finish	Lamp
T483WH	White	35-75W PAR30
T483BL	Black	
T483SL	Silver	
T483SC	Satin Chrome Ring with Black Yoke	

Dimensions



Catalog #	Finish	Lamp
T487WH	White	45-150W PAR38
T487BL	Black	
T487SL	Silver	

Dimensions



Light Control Accessories

For Fixtures:	*T483*	*T487*
Dichroic Lens	**T5618**	**T5718**
Color Filters	**T561-6**	**T571-6**
Uniformity Lens	**T5621**	**T5721**
UV Filter	**T5622**	**T5722**
Prismatic Spread Lens	**T5677**	**T5777**
Linear Spread Lens	**T5678**	**T5778**
Cube Cell Louver	**T569BL**	**T579BL**
Black Eyebrow	**T577BL**	**T587BL**

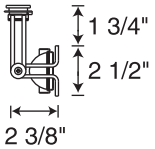
Wireforms®

Juno's timeless, patented Wireform design encircles line and low voltage halogen lamps in a light, technically appealing frame.

Catalog #	Finish	Lamp
T430WH	White	12V, 20-75W MR16
T430BL	Black	
T430SL	Silver	
T430RD	Red	

T537 or T538 transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



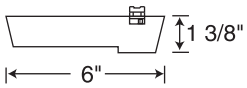
Light Control Accessories

For Fixture:	*T430*
Dichroic Lenses	**T5501-18**
Color Filters	**T551-5**
Diffuse Spread Lens	**T5520**
Uniformity Lens	**T5521**
UV Filter	**T5522**
Prismatic Spread Lens	**T557**
Linear Spread Lens	**T559**
Hexcell Louver	**T5559BL**
Black Barn Doors	**T74BL**

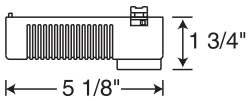
20-75VA 12V Transformers

T537 and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537

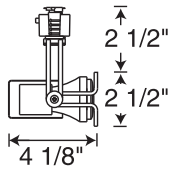


T538



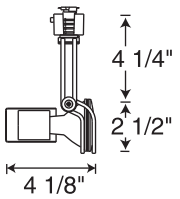
Catalog #	Finish	Lamp
T431WH	White	45-60W PAR16
T431BL	Black	
T431SL	Silver	
T431RD	Red	
T431SC	Satin Chrome	

Dimensions



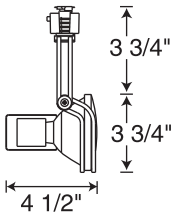
Catalog #	Finish	Lamp
T433WH	White	35-50W PAR20
T433BL	Black	
T433SL	Silver	
T433RD	Red	
T433SC	Satin Chrome	

Dimensions



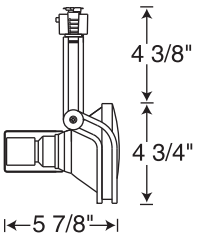
Catalog #	Finish	Lamp
T435WH	White	35-75W PAR30
T435BL	Black	
T435SL	Silver	
T435RD	Red	
T435SC	Satin Chrome	

Dimensions



Catalog #	Finish	Lamp
T437WH	White	45-250W PAR38
T437BL	Black	
T437SL	Silver	
T437RD	Red	

Dimensions



Light Control Accessories

For Fixtures:	*T431*	*T433*	*T435*	*T437*
Dichroic Lenses	–	**T5618***	**T5618***	**T5718***
Color Filters	–	**T561-6***	**T561-6***	**T571-6***
Uniformity Lens	–	**T5621***	**T5621***	**T5721***
UV Filter	–	**T5622***	**T5622***	**T5722***
Prismatic Spread Lens	–	**T5677***	**T5677***	**T5777***
Linear Spread Lens	–	**T5678***	**T5678***	**T5778***
Cube Cell Louver	–	**T569BL***	**T569BL***	**T579BL***
Black Barn Doors	**T74BL**	**TW75BL**	**TW71BL***	**TW72BL**

*Filters, lenses and louver require barn doors for installation.

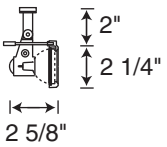
Delta 200 Series®

An angular, die cast fixture body and rod-supported lamp bezel create a semi-exposed, technical appearance. The front bezel supports accessory lenses and louvers for custom-tailored lighting effects.

Catalog #	Finish	Lamp
T216WH	White	12V, 20-50W MR16
T216BL	Black	
T216SL	Silver	

T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

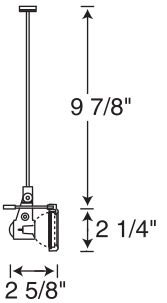
Dimensions



Catalog #	Finish	Lamp
TP216WH	White	12V, 20-50W MR16
TP216BL	Black	
TP216SL	Silver	

T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



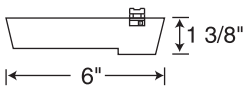
Light Control Accessories

For Fixtures:	*T216, TP216*
Dichroic Lenses	**T5501-18**
Color Filters	**T551-5**
Diffuse Spread Lens	**T5520**
Uniformity Lens	**T5521**
UV Filter	**T5522**
Prismatic Spread Lens	**T557**
Linear Spread Lens	**T559**
Hexcell Louver	**T5559BL**
Black Snoot	**T558BL**
Black Barn Doors	**T74BL**

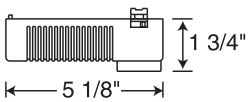
20-75VA 12V Transformers

T537 and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537

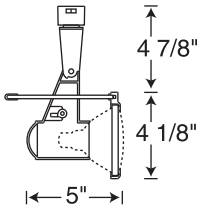


T538



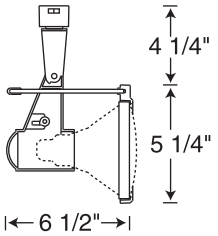
Catalog #	Finish	Lamp
T218WH	White	35-75W PAR30
T218BL	Black	
T218SL	Silver	

Dimensions



Catalog #	Finish	Lamp
T219WH	White	45-150W PAR38
T219BL	Black	
T219SL	Silver	

Dimensions



Light Control Accessories

For Fixtures:	*T218*	*T219*
Accessory Holder	**T660BL**	**T670BL**
Color Filters	**T561-6***	**T571-6***
Dichroic Lens	**T5618***	**T5718***
UV Filter	**T5622***	**T5722***
Uniformity Lens	**T5621***	**T5721***
Linear Spread Lens	**T5678***	**T5778***
Prismatic Spread Lens	**T5677***	**T5777***
Cube Cell Louver	**T569BL**	**T579BL**
Black Eyebrow	**T577BL**	**T587BL**

*Filters and lenses require accessory holder for installation.

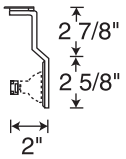
Straps

Widely imitated, but never duplicated, this series is particularly popular in the brushed satin aluminum finish, which is an exact match to Juno natural aluminum trac.

Catalog #	Finish	Lamp
T621WH	White	12V, 20-75W MR16
T621BL	Black	
T621SA	Satin Aluminum	

T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



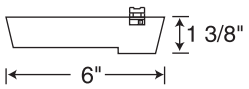
Light Control Accessories

For Fixture:	*T621*
Color Filters	**T551-5**
Dichroic Lenses	**T5501-18**
UV Filter	**T5522**
Uniformity Lens	**T5521**
Diffuse Spread Lens	**T5520**
Linear Spread Lens	**T559**
Prismatic Spread Lens	**T557**
Hexcell Louver	**T5559BL**
Black Eyebrow	**T556BL**
Black Barn Doors	**T74BL**

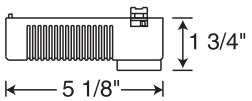
20-75VA 12V Transformers

T537 and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537



T538



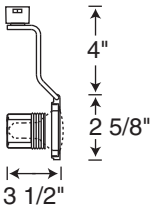
The product and system may be covered by the following patents: U.S. Patents D326,928; D328,154; D327,548; Canada Patent 68,689

Straps

Widely imitated, but never duplicated, this series is particularly popular in the brushed satin aluminum finish, which is an exact match to Juno natural aluminum trac.

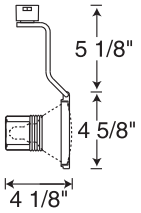
Catalog #	Finish	Lamp
T611WH	White	45-60W PAR16
T611BL	Black	
T611SA	Satin Aluminum	

Dimensions



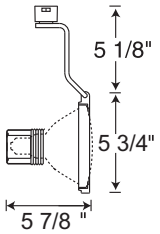
Catalog #	Finish	Lamp
T613WH	White	35-75W PAR30
T613BL	Black	
T613SA	Satin Aluminum	

Dimensions



Catalog #	Finish	Lamp
T614WH	White	45-150W PAR38
T614BL	Black	
T614SA	Satin Aluminum	

Dimensions



Light Control Accessories

For Fixtures:	*T611*	*T613*	*T614*
Black Accessory Holder	–	**T660BL**	**T670BL**
Color Filters	–	**T561-6***	**T571-6***
Dichroic Lenses	–	**T5618***	**T5718***
UV Filter	–	**T5622***	**T5722***
Uniformity Lens	–	**T5621***	**T5721***
Linear Spread Lens	–	**T5678***	**T5778***
Prismatic Spread Lens	–	**T5677***	**T5777***
Cube Cell Louver	–	**T569BL***	**T579BL***
Black Eyebrow	**T556BL**	**T577BL**	**T587BL**
Black Barn Doors	**T74BL**	–	–

*Filters and lenses require accessory holder for installation.

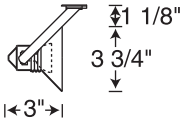
Flybacks

Uniquely angled back from the trac at 45 degrees, Flyback fixtures add visual energy into a space

Catalog #	Finish	Lamp
T227WH	White	12V, 20-50W MR16CG
T227BL	Black	Cover Glass

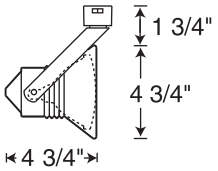
T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



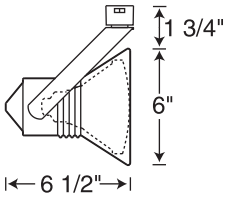
Catalog #	Finish	Lamp
T228WH	White	35-75W PAR30
T228BL	Black	
T228SC	Satin Chrome	

Dimensions



Catalog #	Finish	Lamp
T229WH	White	45-150W PAR38
T229BL	Black	

Dimensions



Light Control Accessories

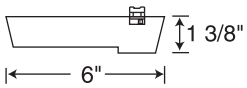
For Fixture:	*T227*
Accessory Holder	**T7400BL, SA**
Color Filters	**T741-6***
Dichroic Lenses	**T7401-18***
UV Filter	**T7422***
Uniformity Lens	**T7421***
Diffuse Spread Lens	**T7420***
Linear Spread Lens	**T7478***
Prismatic Spread Lens	**T7477***
Hexcell Louver	**T7459BL***

*Filters, lenses and louver require accessory holder for installation.
Use of light control accessories negates the need for MR16 cover glass lamp.

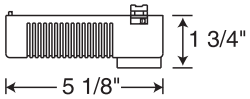
20-75VA 12V Transformers

T537 and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537



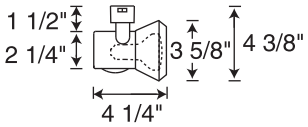
T538



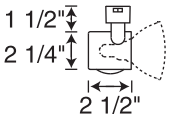
Close-Ups

As the name implies, this compact, stylish lampholder hugs close to the trac for minimum intrusion into a space. The softly sculpted back detail and metal shades are welcome design refinements for many interiors.

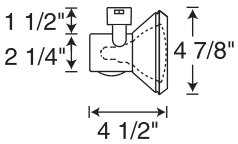
PAR20 - Enclosed

Catalog #	Finish	Lamp	Dimensions
T220WH **T220BL** **T220SC**	White Black Satin Chrome Shade with Black Socket Housing	35-50W PAR20	

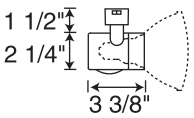
PAR30 - Open

Catalog #	Finish	Lamp	Dimensions
T230WH **T230BL**	White Black	35-75W PAR30	

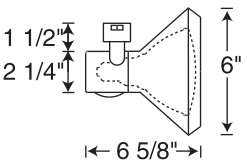
PAR30 - Enclosed

Catalog #	Finish	Lamp	Dimensions
T231WH **T231BL** **T231SC**	White Black Satin Chrome Shade with Black Socket Housing	35-75W PAR30	

PAR38 - Open

Catalog #	Finish	Lamp	Dimensions
T238WH **T238BL**	White Black	45-150W PAR38	

PAR38 - Enclosed

Catalog #	Finish	Lamp	Dimensions
T239WH **T239BL** **T239SC**	White Black Satin Chrome Shade with Black Socket Housing	45-120W PAR38	

The product and system may be covered by the following patents: U.S. Patent D376,026; Canada Patent 79,733

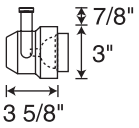
Studio II

Available with or without integral barn doors, Studio II fixtures add a contemporary stage and studio flavor into an environment. Supplied with black finish integral accessory holder or barn doors.

Catalog #	Finish	Lamp
T291WH	White	12V, 20-50W MR16
T291BL	Black	
T291SL	Silver	

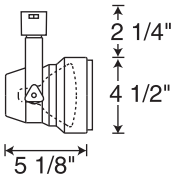
T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Catalog #	Finish	Lamp
T293WH	White	35-75W PAR30
T293BL	Black	
T293SL	Silver	

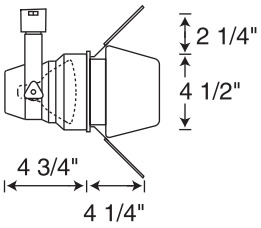
Dimensions



Catalog #	Finish	Lamp
T292BL	Black	35-75W PAR30
T292SL	Silver	

Barn doors accept
one lens, filter or louver.

Dimensions



Light Control Accessories

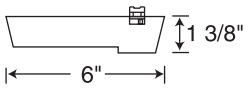
For Fixtures:	*T291*	*T292*	*T293*
Color Filters	**T551-5***	**T571-6**	**T561-6**
Dichroic Lenses	**T5501-18***	**T5718**	**T5618**
UV Filter	**T5522***	**T5722**	**T5622**
Uniformity Lens	**T5521***	**T5721**	**T5621**
Diffuse Spread Lens	**T5520***	–	–
Linear Spread Lens	**T559***	**T5778**	**T5678**
Prismatic Spread Lens	**T557***	**T5777**	**T5677**
Hexcell Louver	**T5559BL***	–	–
Cube Cell Louver	–	**T579BL**	**T569BL**

*Filters, lenses and louver replace clear glass supplied with MR16 fixtures.

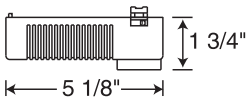
20-75VA 12V Transformers

T537 and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537

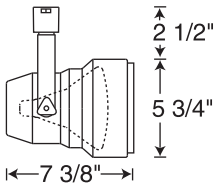


T538



Catalog #	Finish	Lamp
T294WH	White	45-150W PAR38
T294BL	Black	
T294SL	Silver	

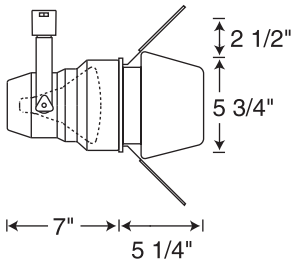
Dimensions



Catalog #	Finish	Lamp
T296BL	Black	45-150W PAR38
T296SL	Silver	

Barn doors accept one filter or louver

Dimensions



Light Control Accessories

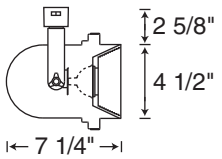
For Fixtures:	*T294*	*T296*
Color Filters	**T571-6**	**T581-6**
Dichroic Lenses	**T5718**	**–**
UV Filter	**T5722**	**–**
Uniformity Lens	**T5721**	**–**
Linear Spread Lens	**T5778**	**–**
Prismatic Spread Lens	**T5777**	**–**
Cube Cell Louver	**T579BL**	**T589BL**

Studio I

This classic nautical look is especially popular in traditional design settings. Its exquisite detailing and functional black baffle make it an important design element as well as an effective luminaire. The MR16 version is manufactured with an integral magnetic transformer which is especially useful in rough-duty applications.

Catalog #	Finish	Lamp
T338WH	White	12V, 20-50W MR16

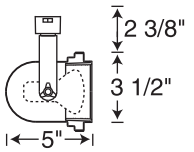
Dimensions



Integral 12V
Magnetic Transformer

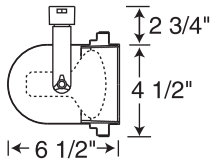
Catalog #	Finish	Lamp
T393WH	White	30-50W R20/ 35-50W PAR20

Dimensions



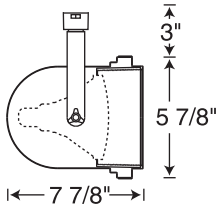
Catalog #	Finish	Lamp
T395WH	White	45-75W BR30 or 35-75W PAR30L

Dimensions



Catalog #	Finish	Lamp
T397WH	White	45-150W PAR38 or 65-120W BR40

Dimensions



Light Control Accessories

For Fixtures:	*T338***	*T393*	*T395*	*T397*
Accessory Holder	**T570BL**	**T560BL**	**T570BL**	**T580BL**
Color Filters	**T571-6**	**T561-6***	**T571-6***	**T581-6***
Color Filters	**T551-5**	–	–	–
Dichroic Lens	**T5501-18**	**T5618***	**T5718***	–
UV Filter	**T5522**	**T5622***	**T5722***	–
Uniformity Lens	**T5521**	**T5621***	**T5721***	–
Diffuse Spread Lens	**T5520**	–	–	–
Linear Spread Lens	**T559**	**T5678***	**T5778***	–
Prismatic Spread Lens	**T557**	**T5677***	**T5777***	–
Hexcell Louver	**T5559BL**	–	–	–
Cube Cell Louver	**T579BL**	**T569BL***	**T579BL***	**T589BL***
White Barn Doors	–	–	–	**T73WH**
Black Barn Doors	**T72BL**	**T71BL**	**T72BL**	**T73BL**

*Filters, lenses and louver require accessory holder for installation.

** T338 can accept one 1 3/4" filter, lens or louver in place of clear glass supplied with MR16 fixtures; in addition, it can also accept one 4 11/16" filter, lens or louver when combined with accessory holder or barn doors.

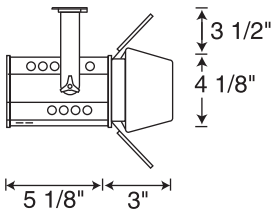
Theatrical Lights

The classic stage and studio design and integral barn doors evoke the feeling of theatrical lighting.

Catalog #	Finish	Lamp
T290BL	Black	12V, 20-75W MR16

T537 or T538 Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

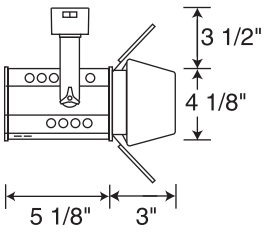
Dimensions



Catalog #	Finish	Lamp
T295BL	Black	30-50W R20 or 35-50W PAR20

Barn doors accept
one filter or louver

Dimensions



Light Control Accessories

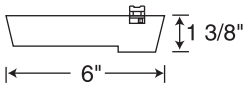
For Fixtures:	*T290**	*T295*
Color Filters	**T551-5**	**T561-6**
Dichroic Lenses	**T5501-18**	**T5618**
UV Filter	**T5522**	**T5622**
Uniformity Lens	**T5521**	**T5621**
Diffuse Spread Lens	**T5520**	**–**
Linear Spread Lens	**T559**	**T5678**
Prismatic Spread Lens	**T557**	**T5677**
Hexcell Louver	**T5559BL**	**–**
Cube Cell Louver	**–**	**T569BL**

*Filters, lenses and louver replace clear glass supplied with MR16 fixtures. Barn Doors on T290 will also accept one additional accessory if desired—select from list of T295 accessories.

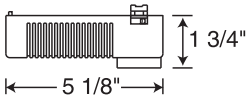
20-75VA 12V Transformers

T537 and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537



T538

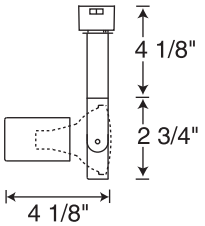


Open Back Gimbals

Gimbal rings are ever popular due to their long-standing use as an economical, general-purpose trac lampholder.

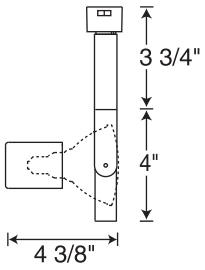
Catalog #	Finish	Lamp
T362WH	White	35-50W PAR20
T362BL	Black	
T362SC	Satin Chrome	

Dimensions



Catalog #	Finish	Lamp
T363WH	White	35-75W PAR30
T363BL	Black	
T363SC	Satin Chrome	
T363NA	Natural	

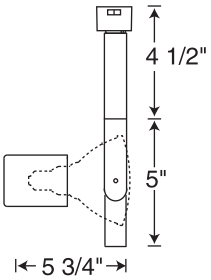
Dimensions



Catalog #	Finish	Lamp
T368WH	White	45-150W PAR38
T368BL	Black	
T368SC	Satin Chrome	
T368NA	Natural	

Note: The Natural (NA) finish is merely a raw finish with a clear protective coating applied—inconsistencies, scratches, and minor processing marks are part of the unique aesthetic created by this process and should be expected.

Dimensions



Light Control Accessories

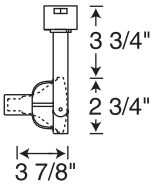
For Fixture:	*T368*
Color Filters	**T571-6**
Dichroic Lens	**T5718**
UV Filter	**T5722**
Uniformity Lens	**T5721**
Linear Spread Lens	**T5778**
Prismatic Spread Lens	**T5777**
Cube Cell Louver	**T579BL**

Front Lamping Gimbals

A Juno innovation, the front-loading gimbal ring combines the practicality, versatility and economy of traditional gimbal ring trac fixtures with a fixed socket housing to allow simplified front relamping.

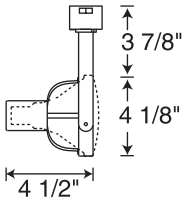
Catalog #	Finish	Lamp
T687WH	White	35-50W PAR20
T687BL	Black	
T687SL	Silver	
T687NA	Natural	

Dimensions



Catalog #	Finish	Lamp
T689WH	White	35-75W PAR30
T689BL	Black	
T689SL	Silver	
T689NA	Natural	

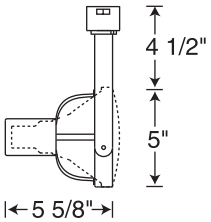
Dimensions



Catalog #	Finish	Lamp
T690WH	White	45-250W PAR38
T690BL	Black	
T690SL	Silver	
T690NA	Natural	

Note: The Natural (NA) finish is merely a raw finish with a clear protective coating applied—inconsistencies, scratches, and minor processing marks are part of the unique aesthetic created by this process and should be expected.

Dimensions

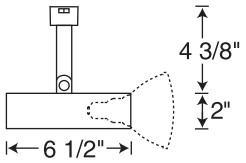


Universals

These economical, universal lampholders accept a wide range of wattages and sizes of popular halogen PAR and incandescent R/BR lamps.

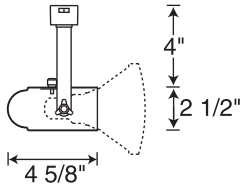
Catalog #	Finish	Lamp
T301WH	White	30-50W R20/
T301BL	Black	35-50W PAR20/
		45-85W BR30/
		35-75W PAR30/
		65-120W BR40/
		45-250W PAR38

Dimensions



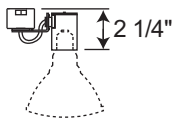
Catalog #	Finish	Lamp
T308WH	White	30-50W R20/
T308BL	Black	35-50W PAR20/
		45-85W BR30/
		35-75W PAR30/
		65-120W BR40/
		45-150W PAR38

Dimensions

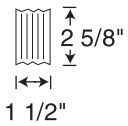
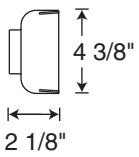
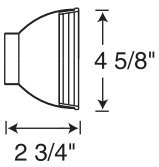
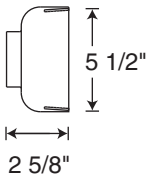


Catalog #	Finish	Lamp
T359WH	White	30-50W R20/
		35-50W PAR20/
		45-85W BR30/
		35-75W PAR30/
		65-120W BR40/
		45-250W PAR38

Dimensions

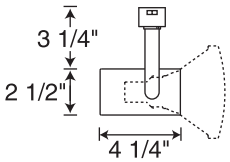


Light Control Accessories

For Fixture:	*T308*				
Black accordian collar for BR30 lamp	**T80BL**		Baffled hood with black baffle for 65W BR30/75W PAR30L	**T63WH** **T63BL**	
White flare reflector with black baffle for 50W PAR/R20 to 65W BR30/75W A19 lamp	**T82WH**		Baffled hood with black baffle for 120W BR40/150W PAR38	**T64WH** **T64BL**	

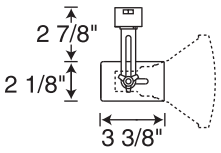
Catalog #	Finish	Lamp
T620WH	White	30-50W R20/
T620BL	Black	35-50W PAR20/
		45-85W BR30/
		35-75W PAR30/
		65-120W BR40/
		45-150W PAR38

Dimensions



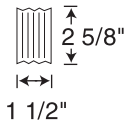
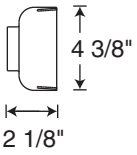
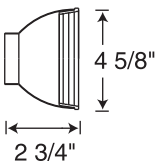
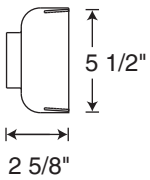
Catalog #	Finish	Lamp
T691WH	White	45-60W PAR16/
T691BL	Black	35-50W PAR20/
T691NA	Natural	35-75W PAR30/
		45-150W PAR38

Dimensions



Note: The Natural (NA) finish is merely a raw finish with a clear protective coating applied—inconsistencies, scratches, and minor processing marks are part of the unique aesthetic created by this process and should be expected.

Light Control Accessories

For Fixture:	*T620*				
Black accordian collar for BR30 lamp	**T80BL**		Baffled hood with black baffle for 65W BR30/75W PAR30L	**T63WH** **T63BL**	
White flare reflector with black baffle for 50W PAR/R20 to 65W BR30/75W A19 lamp	**T82WH**		Baffled hood with black baffle for 120W BR40/150W PAR38	**T64WH** **T64BL**	

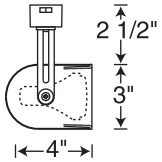
Mini-PARs

Cylindrical trac fixtures pre-date the availability of halogen PAR lamps and are typically sized for the longer incandescent reflector lamps. Juno Mini-PARs are optimized around the shorter dimension of halogen PAR lamps, thus offering a more contemporary, compact appearance.

Round Back

Catalog #	Finish	Lamp
T420W-WH	White/White Baffle	45-60W PAR16
T420B-WH	White/Black Baffle	
T420B-BL	Black/Black Baffle	
T420B-SC	Satin Chrome/Black Baffle	

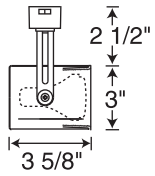
Dimensions



Flat Back

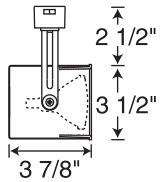
Catalog #	Finish	Lamp
T421W-WH	White/White Baffle	45-60W PAR16
T421B-WH	White/Black Baffle	
T421B-BL	Black/Black Baffle	
T421B-SC	Satin Chrome/Black Baffle	

Dimensions



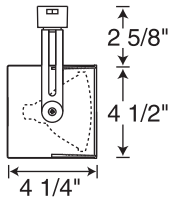
Catalog #	Finish	Lamp
T423W-WH	White/White Baffle	35-50W PAR20
T423B-WH	White/Black Baffle	
T423B-BL	Black/Black Baffle	
T423B-SC	Satin Chrome/Black Baffle	

Dimensions



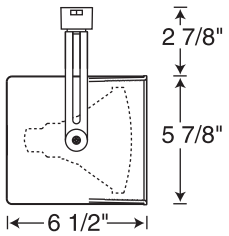
Catalog #	Finish	Lamp
T425W-WH	White/White Baffle	35-75W PAR30
T425B-WH	White/Black Baffle	
T425B-BL	Black/Black Baffle	
T425B-SC	Satin Chrome/Black Baffle	

Dimensions



Catalog #	Finish	Lamp
T427W-WH	White/White Baffle	45-250W PAR38
T427B-WH	White/Black Baffle	
T427B-BL	Black/Black Baffle	

Dimensions



Light Control Accessories

For Fixture:	*T423*	*T425*	*T427*
Accessory Holder	**T560BL**	**T570BL**	**T580BL**
Color Filters	**T561-6***	**T571-6***	**T581-6***
Dichroic Lens	**T5618***	**T5718***	–
UV Filter	**T5622***	**T5722***	–
Uniformity Lens	**T5621***	**T5721***	–
Linear Spread Lens	**T5678***	**T5778***	–
Prismatic Spread Lens	**T5677***	**T5777***	–
Cube Cell Louver	**T569BL***	**T579BL***	**T589BL***
White Barn Doors	–	–	**T73WH**
Black Barn Doors	**T71BL**	**T72BL**	**T73BL**

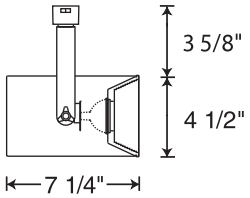
*Filters, lenses and louver require accessory holder or barn doors for installation.

Flat Back Cylinders

These long-standing traditional lampholders accept a wide range of both halogen PAR and incandescent R/BR lamps and provide deep lamp shielding. The MR16 version is manufactured with an integral magnetic transformer which is especially useful in rough-duty applications.

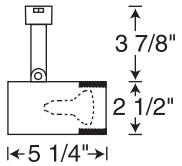
Catalog #	Finish	Lamp
T340WH	White	12V, 20-50W MR16
T340BL	Black	
Integral 12V Magnetic Transformer		

Dimensions



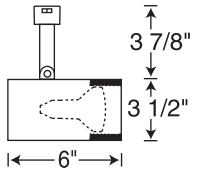
Catalog #	Finish	Lamp
T311WH	White/Black Baffle	15-40W R14 or
T311BL	Black/Black Baffle	40W R16
		Intermediate Screw Base

Dimensions



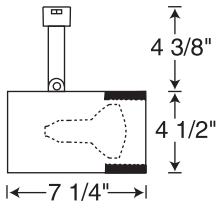
Catalog #	Finish	Lamp
T313W-WH	White/White Baffle	30-50W R20/
T313B-WH	White/Black Baffle	35-50W PAR20
T313B-BL	Black/Black Baffle	

Dimensions



Catalog #	Finish	Lamp
T315W-WH	White/White Baffle	45-75W BR30 or
T315B-WH	White/Black Baffle	35-75W PAR30L
T315B-BL	Black/Black Baffle	

Dimensions



Light Control Accessories

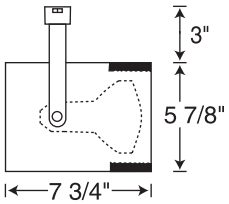
For Fixtures:	*T340***	*T313*	*T315*
Accessory Holder	**T570BL**	**T560BL**	**T570BL**
Color Filters	**T571-6**	**T561-6***	**T571-6***
Color Filters	**T551-5**	**–**	**–**
Dichroic Lens	**T5501-18**	**T5618***	**T5718***
Diffuse Spread Lens	**T5520**	**–**	**–**
UV Filter	**T5522**	**T5622***	**T5722***
Uniformity Lens	**T5521**	**T5621***	**T5721***
Linear Spread Lens	**T559**	**T5678***	**T5778***
Prismatic Spread Lens	**T557**	**T5677***	**T5777***
Cube Cell Louver	**T579BL**	**T569BL***	**T579BL***
Black Barn Doors	**T72BL**	**T71BL**	**T72BL**
Hexcell Louver	**T5559BL**	**–**	**–**

* Filters, lenses and louver require accessory holder or barn doors for installation.

** T340 can accept one 1 3/4" filter, lens or louver in place of clear glass supplied with MR16 fixtures; in addition, it can also accept one 4 11/16" filter, lens or louver when combined with accessory holder or barn doors.

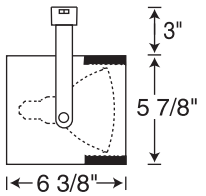
Catalog #	Finish	Lamp
T317W-WH	White/White Baffle	65-120W BR40
T317B-WH	White/Black Baffle	or 45-150W PAR38
T317B-BL	Black/Black Baffle	

Dimensions



Catalog #	Finish	Lamp
T342W-WH	White/White Baffle	45-250W PAR38
T342B-WH	White/Black Baffle	
T342B-BL	Black/Black Baffle	

Dimensions



Light Control Accessories

For Fixture:	*T317, T342*
Accessory Holder	**T580BL**
Color Filters	**T581-6***
Cube Cell Louver	**T589BL***
White Barn Doors	**T73WH**
Black Barn Doors	**T73BL**

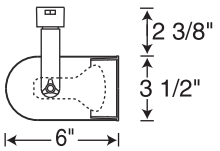
*Filters and louver require accessory holder or barn doors for installation.

Round Back Cylinders

The timeless round-back shape accepts a range of both halogen PAR and incandescent R/BR lamps and provides deep lamp shielding.

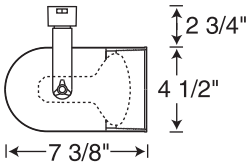
Catalog #	Finish	Lamp
T326W-WH	White/White Baffle	30-50W R20/
T326B-WH	White/Black Baffle	35-50W PAR20
T326B-BL	Black/Black Baffle	

Dimensions



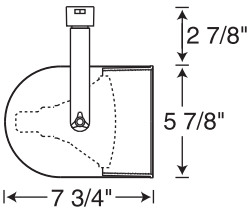
Catalog #	Finish	Lamp
T327W-WH	White/White Baffle	45-75W BR30 or
T327B-WH	White/Black Baffle	35-75W PAR30L
T327B-BL	Black/Black Baffle	

Dimensions



Catalog #	Finish	Lamp
T328W-WH	White/White Baffle	65-120W BR40
T328B-WH	White/Black Baffle	or 60-150W PAR38
T328B-BL	Black/Black Baffle	

Dimensions



Light Control Accessories

For Fixture:	*T326*	*T327*	*T328*
Accessory Holder	**T560BL**	**T570BL**	**T580BL**
Color Filters	**T561-6***	**T571-6***	**T581-6***
Dichroic Lens	**T5618***	**T5718***	–
UV Filter	**T5622***	**T5722***	–
Uniformity Lens	**T5621***	**T5721***	–
Linear Spread Lens	**T5678***	**T5778***	–
Prismatic Spread Lens	**T5677***	**T5777***	–
Cube Cell Louver	**T569BL***	**T579BL***	**T589BL***
White Barn Doors	–	–	**T73WH**
Black Barn Doors	**T71BL**	**T72BL**	**T73BL**

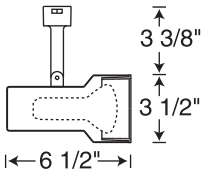
*Filters, lenses and louver require accessory holder or barn doors for installation.

Step Cylinders

One of the original trac lampholder designs, step cylinders are still popular for more utilitarian applications. They accept a range of both halogen PAR and incandescent R/BR lamps and provide deep lamp shielding.

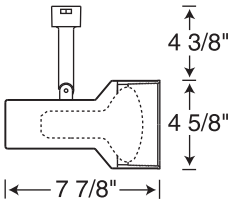
Catalog #	Finish	Lamp
T303W-WH	White/White Baffle	30-50W R20/
T303B-WH	White/Black Baffle	35-50W PAR20
T303B-BL	Black/Black Baffle	

Dimensions



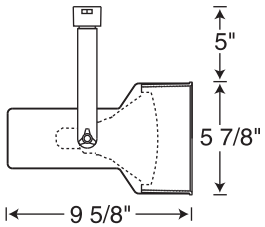
Catalog #	Finish	Lamp
T305W-WH	White/White Baffle	45-75W BR30 or
T305B-WH	White/Black Baffle	35-75W PAR30L
T305B-BL	Black/Black Baffle	

Dimensions



Catalog #	Finish	Lamp
T307B-WH	White/Black Baffle	65-120W BR40
T307B-BL	Black/Black Baffle	or 45-150W PAR38

Dimensions



Light Control Accessories

For Fixture:	*T303*	*T305*	*T307*
Accessory Holder	**T560BL**	**T570BL**	**T580BL**
Color Filters	**T561-6***	**T571-6***	**T581-6***
Dichroic Lens	**T5618***	**T5718***	**–**
UV Filter	**T5622***	**T5722***	**–**
Uniformity Lens	**T5621***	**T5721***	**–**
Linear Spread Lens	**T5678***	**T5778***	**–**
Prismatic Spread Lens	**T5677***	**T5777***	**–**
Cube Cell Louver	**T569BL***	**T579BL***	**T589BL***
White Barn Doors	**–**	**–**	**T73WH**
Black Barn Doors	**T71BL**	**T72BL**	**T73BL**

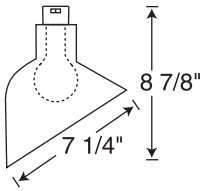
*Filters, lenses and louver require accessory holder or barn doors for installation.

RLMs

These pendant and wall wash fixtures capture the ambience of old-world industrial and loft spaces for which they were originally designed. They take advantage of economical A-lamps to produce soft, even illumination.

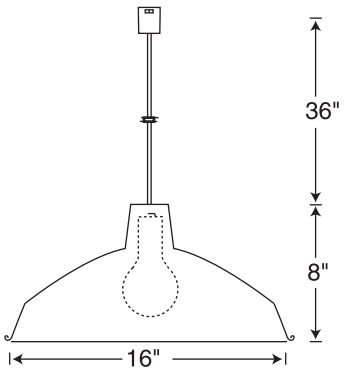
Catalog #	Finish	Lamp
T371WH	White	100W A19/150W A21

Dimensions



Catalog #	Finish	Lamp
T372WH	White	100W A19/150W A21

Dimensions



Low voltage fixtures are one of the most widely used tools to create effective, dramatic accent lighting. Most of the Juno offering of low voltage fixtures is presented in this section for ease of selection, many of which are compatible with state-of-the-art LED lamps.

Precise Beam Control
Low voltage lamps are available in a wide variety of precise beam patterns from pin-spots to floods Combined with lens accessories, an infinite range of exacting effects is possible.

Crisp, White Halogen Light
The point source and white-light characteristics of low voltage lamps render the color and dimension of objects with exceptional clarity.

Miniature Size
Low voltage lamps, and the fixtures that house them, are of a small scale that can integrate more unobtrusively into lighting designs.

Energy Efficiency
Low voltage lamps produce substantially more usable accent lighting per watt of energy as compared with line voltage halogen sources. Due to their miniature size, they often can be positioned closer to an object being illuminated, thus requiring less wattage to create the desired effect. MR16 LED lamps, with their even higher efficacies and longer service life, offer a very attractive alternative to halogen MR16s.

Cool Beam
MR16 halogen lamps are commonly available with dichroic reflector coatings that allow the infrared energy to pass out the back of the lamp, projecting mostly visible light forward. LED lamps have no forward projected heat. Each of these lamp types reduces the projected heat on objects and people in a space.

Long Life
The compact filament of low voltage halogen lamps is very rugged and results in lamp life up to 6000 hours. Low voltage LED lamps can offer rated life up to 50,000 hours, effectively eliminating lamp maintenance in many applications.

Juno High-Quality Electronic Transformers
Juno low voltage electronic transformers are designed to provide 40,000-hour life even in higher 40-degree centigrade elevated ambient temperatures. They are FCC certified to the highest noise limiting standards to minimize the potential for radio interference and provide quiet operation even when dimmed. Juno offers universal LED-compatible transformers for applications that use LED lamps.

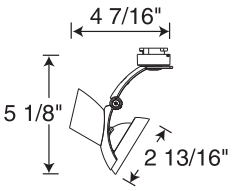
Mamba®

The Mamba is a strikingly original, front loading gimbal ring design. Gracefully curved and tapered elements flow into a gimbal ring that appears to float, while the gently scooped socket housing reinforces a concave/convex theme. Mamba for Trac-Master low voltage is designed to use 50W MR16CG halogen lamps with integral cover glass. Media cartridges are not available for this fixture due to the unique characteristics of the gimbal ring design.

Catalog #	Finish	Lamp
T860WH	White	12V, 50W max. MR16CG
T860BL	Black	Cover Glass
T860SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



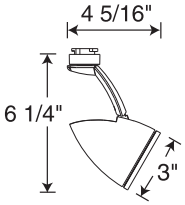
Xanadu®

Stunning simplicity yields a classic beauty. Xanadu's stem elevates from the fixture as though carved from a section of its cone shaped body. Its pure shape is devoid of extraneous detail. Concealed wiring produces an ultra-clean appearance. Xanadu for Trac-Master low voltage is designed to use 50W MR16 halogen lamps. A dual accessory media cartridge is standard on the MR16 fixture.

Catalog #	Finish	Lamp
T870WH	White	12V, 50W max. MR16
T870BL	Black	
T870SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



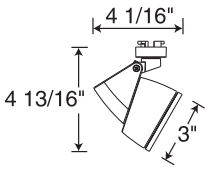
Facet®

Sweeping lines, arresting angles, and a brilliant lack of symmetry result in a totally unexpected design. Concealed wiring completes the ultra-clean appearance. Facet for Trac-Master low voltage is designed to use with 50W MR16 halogen lamps. A dual accessory media cartridge is standard on the MR16 fixture.

Catalog #	Finish	Lamp
T850WH	White	12V, 50W max. MR16
T850BL	Black	
T850SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



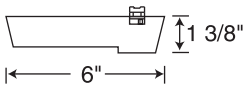
Light Control Accessories

For Fixture:	*T850, T870*
Color Filters/Lenses	**T741-6**
Prismatic Spread Lens	**T7477**
Linear Spread Lens	**T7478**
Dichroic Lenses	**T7401-18**
Diffuse Spread Lens	**T7420**
Uniformity Lens	**T7421**
UV Filter Lens	**T7422**
Hexcell Louver	**T7459BL**

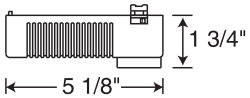
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



The product and system may be covered by the following patents: U.S. Patents D546,993; D547,479; D546,996; Canada Patent Pending

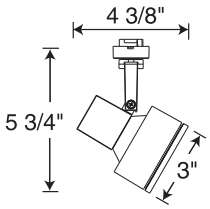
Cubix®

The Cubix is a study of the visual relationship between two different geometric forms: the ring and the cube. In this design, the stem becomes a central element, forming a pleasing visual extension of the cube form. Concealed wiring offers an ultra-clean appearance. Cubix for Trac-Master is designed to use 50W MR16 halogen lamps. A dual accessory media cartridge is standard on the MR16 fixture.

Catalog #	Finish	Lamp
T890WH	White	12V, 50W max. MR16
T890BL	Black	
T890SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



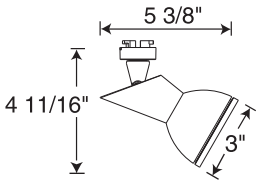
Glacis®

The Glacis is inspired by the beauty of our natural world. The truncated conical element at the top cloaks the stem pivot when observed from conventional viewing angles. Concealed wiring completes the ultra-clean appearance. Glacis for Trac-Master low voltage is designed to use 50W MR16 halogen lamps. Media cartridge for two light control accessories is standard on the MR16 fixture.

Catalog #	Finish	Lamp
T880WH	White	12V, 50W max. MR16
T880BL	Black	
T880SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



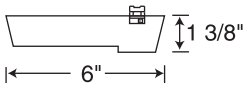
Light Control Accessories

For Fixture:	*T880, T890*
Color Filters/Lenses	**T741-6**
Prismatic Spread Lens	**T7477**
Linear Spread Lens	**T7478**
Dichroic Lenses	**T7401-18**
Diffuse Spread Lens	**T7420**
Uniformity Lens	**T7421**
UV Filter Lens	**T7422**
Hexcell Louver	**T7459BL**

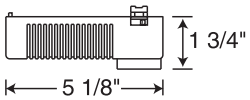
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



The product and system may be covered by the following patents: U.S. Patents D546,994; D546,995; Canada Patent Pending

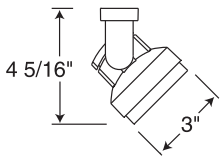
Cylindra™

Applying a new twist to a traditional design, Cylindra Series offers a unique, contemporary aesthetic based on a step cylinder fixture platform. Gentle arcs elegantly blend with bold edges to provide a unique yet timeless visual appeal. The Cylindra Trac-Master low voltage is designed to use 50W MR16 halogen lamps. Each Cylindra fixture is supplied with an integral bayonet-mount media cartridge that is designed to simultaneously accept up to two light control accessories.

Catalog #	Finish	Lamp
T841WH	White	12V, 50W max. MR16
T841BL	Black	
T841SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



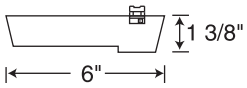
Light Control Accessories

For Fixture:	*T841*
Color Filters/Lenses	**T741-6**
Prismatic Spread Lens	**T7477**
Linear Spread Lens	**T7478**
Dichroic Lenses	**T7401-18**
Diffuse Spread Lens	**T7420**
Uniformity Lens	**T7421**
UV Filter Lens	**T7422**
Hexcell Louver	**T7459BL**

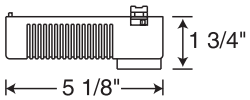
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



Slants

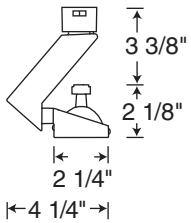
The sharp, angular design of the Slant Series adds a hint of energy to an interior. The slant body houses an integral electronic transformer that is designed for use with MR16 halogen lamps only. This fixture is unique, personable and available with open or enclosed lampholder styles.

Gimbal Ring

Integral 12V
Electronic Transformer

Catalog #	Finish	Lamp
T805WH	White	12V, 50W max. MR16 Halogen
T805BL	Black	

Dimensions

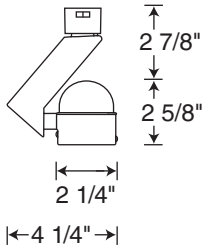


Round Back Mesh

Integral 12V
Electronic Transformer

Catalog #	Finish	Lamp
T807WH	White	12V, 50W max. MR16 Halogen
T807BL	Black	

Dimensions

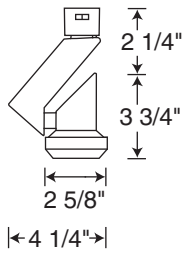


Step Cylinder

Integral 12V
Electronic Transformer

Catalog #	Finish	Lamp
T809WH	White	12V, 50W max. MR16 Halogen
T809BL	Black	

Dimensions



Light Control Accessories

For Fixtures:	*T805, T807, T809*
Color Filters	**T551-5**
Dichroic Lenses	**T5501-18**
UV Filter	**T5522**
Uniformity Lens	**T5521**
Diffuse Spread Lens	**T5520**
Linear Spread Lens	**T559**
Prismatic Spread Lens	**T557**
Hexcell Louver	**T5559BL**
Black Eyebrow	**T556BL***
Black Snoot	**T558BL***

*Not compatible with T805, T807

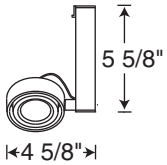
Uno/Duo™– Open

The concentric gimbal rings springing off the bottom edge of the chiseled monolith is a perfect example of "form follows function" in design. The monolith remains perfectly aligned with the trac while the gimbal ring mechanisms are free to provide broad aiming capability. On MR16 versions, the integral transformer is designed for use with MR16 halogen lamps only and is cleverly concealed in the monolith. Framed Duo models share some of the same design details of the AVIO® series allowing both to be tastefully integrated into the same environment.

Integral 12V Electronic Transformer

Catalog #	Finish	Lamp
T811WH	White	One 12V, 75W max.
T811BL	Black	MR16 Halogen
T811SL	Silver	

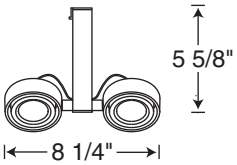
Dimensions



Integral 12V Electronic Transformer

Catalog #	Finish	Lamp
T812WH	White	Two 12V, 50W max.
T812BL	Black	MR16 Halogen
T812SL	Silver	

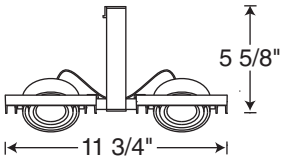
Dimensions



Integral 12V Electronic Transformer

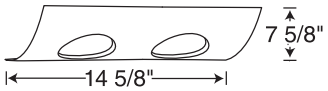
Catalog #	Finish	Lamp
T814WH	White	Two 12V, 50W max.
T814BL	Black	MR16 Halogen
T814SL	Silver	

Dimensions



Shown with Airfoil Trim Accessory (Order Separately)

Airfoil Trim Accessory	
T814T-WH	White
T814T-BL	Black
T814T-SL	Silver



Light Control Accessories

For Fixtures:	*T811, T812, TM814*
Color Filters	**T741-6**
Dichroic Lenses	**T7401-18**
Diffuse Spread Lens	**T7420**
Uniformity Lens	**T7421**
UV Filter	**T7422**
Prismatic Spread Lens	**T7477**
Linear Spread Lens	**T7478**
Hexcell Louver	**T7459BL**

Note: Accepts up to two 2" accessories.

The product and system may be covered by the following United States patents: D525,737; D520,177; D514,251

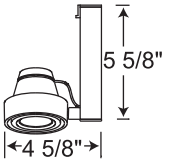
Uno/Duo™– Enclosed

The unique all-aluminum construction of the Uno/Duo – Enclosed Series provides lamp shielding that eliminates the stray backlight effect from the lamps. The Uno/Duo – Enclosed has all of the same features and options of the Uno/Duo – Open series.

Integral 12V Electronic Transformer

Catalog #	Finish	Lamp
T816WH	White	One 12V, 50W max.
T816BL	Black	MR16 Halogen
T816SL	Silver	

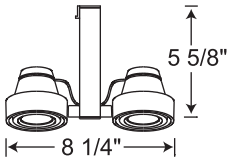
Dimensions



Integral 12V Electronic Transformer

Catalog #	Finish	Lamp
T817WH	White	Two 12V, 50W max. MR16
T817BL	Black	MR16 Halogen
T817SL	Silver	

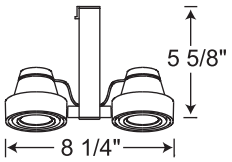
Dimensions



Integral 12V Electronic Transformer

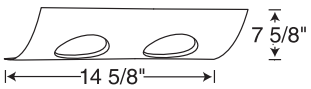
Catalog #	Finish	Lamp
T819WH	White	Two 12V, 50W max. MR16
T819BL	Black	MR16 Halogen
T819SL	Silver	

Dimensions



Shown with Airfoil Trim Accessory (Order Separately)

Airfoil Trim Accessory	
T814T-WH	White
T814T-BL	Black
T814T-SL	Silver



Light Control Accessories

For Fixture:	*T816, T817, T819*
Color Filters	**T741-6**
Dichroic Lenses	**T7401-18**
UV Filter	**T7422**
Uniformity Lens	**T7421**
Diffuse Spread Lens	**T7420**
Linear Spread Lens	**T7478**
Prismatic Spread Lens	**T7477**
Hexcell Louver	**T7459BL**

Note: Accepts up to two 2" accessories.

The product and system may be covered by the following United States patents: D564,120; D520,177; D514,251

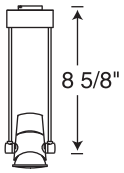
Trapezia™

Slender 9-inch or 16-inch nominal length tubes conceal supply wires feeding into an elegantly sculpted die cast lamp housing. The light, airy appearance is great for display, exhibition and gallery lighting, and the downward reach can make pendant mounting of trac unnecessary.

Catalog #	Finish	Lamp
T630-9-WH	White	12V, 50W max. MR16CG
T630-9-BL	Black	Cover Glass
T630-9-SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

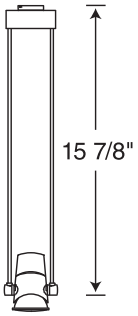
Dimensions



Catalog #	Finish	Lamp
T630-16-WH	White	12V, 50W max. MR16CG
T630-16-BL	Black	Cover Glass
T630-16-SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



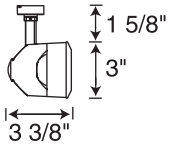
Gyrus™

A new spin on a classic design, the Gyrus series combines dramatic aerodynamic styling with the convenience of a front relamping gimbal ring. The MR16 has an integral accessory holder that accepts up to two standard 2" diameter lenses or louver.

Catalog #	Finish	Lamp
T640WH	White	12V, 50W max. MR16
T640BL	Black	
T640SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Light Control Accessories

For Fixtures:	*T630-9, T630-16*	*T640*
Dual Accessory Holder	**T7400BL, SA**	**–**
Color Filters	**T741-6***	**T741-6**
Dichroic Lenses	**T7401-18***	**T7401-18**
UV Filter	**T7422***	**T7422**
Uniformity Lens	**T7421***	**T7421**
Diffuse Spread Lens	**T7420***	**T7420**
Linear Spread Lens	**T7478***	**T7478**
Prismatic Spread Lens	**T7477***	**T7477**
Hexcell Louver	**T7459BL***	**T7459BL**
Barn Doors	**T7470BL***	**–**

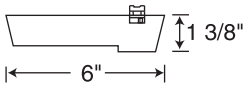
*Filters, lenses, louver and barn doors require accessory holder for installation.

Use of light control accessories negates the need for MR16 cover glass lamp (except Barn Doors).

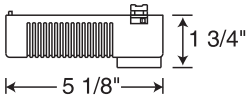
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



The product and system may be covered by the following United States patents: D504,974; D508,792

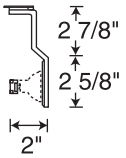
Straps

A widely imitated, but never duplicated Juno design classic, this series is particularly popular in the brushed satin aluminum finish, which is an exact match to Juno natural aluminum trac.

Catalog #	Finish	Lamp
T621WH	White	12V, 75W max. MR16
T621BL	Black	
T621SA	Satin Aluminum	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



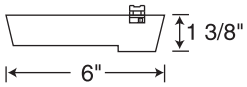
Light Control Accessories

For Fixture:	*T621*
Color Filters	**T551-5**
Dichroic Lenses	**T5501-18**
UV Filter	**T5522**
Uniformity Lens	**T5521**
Diffuse Spread Lens	**T5520**
Linear Spread Lens	**T559**
Prismatic Spread Lens	**T557**
Hexcell Louver	**T5559BL**
Black Eyebrow	**T556BL**
Black Barn Doors	**T74BL**

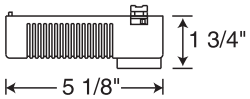
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



The product and system may be covered by the following United States patent: D326,928

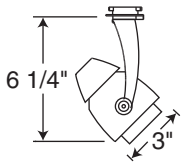
Conix®

Conix fixtures combine elegant aesthetics with professional display lighting features. Aiming and rotation locks allow fixture aiming to be locked into position and dual accessory holders accommodate up to two color filters, louvers or light control lenses. A special 360° rotation feature on this series eliminates aiming dead zones.

Catalog #	Finish	Lamp
T406WH	White	12V, 50W max. MR16
T406BL	Black	
T406SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

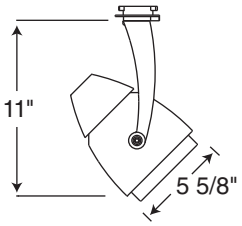
Dimensions



Catalog #	Finish	Lamp
T410WH	White	12V, 50W max. PAR36
T410BL	Black	
T410SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

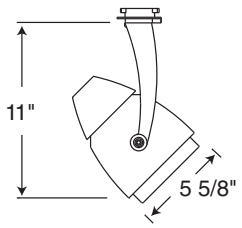
Dimensions



Catalog #	Finish	Lamp
T411WH	White	12V, 75W max. AR111
T411BL	Black	
T411SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



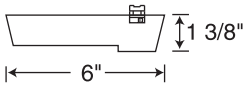
Light Control Accessories

For Fixtures:	*T406*	*T410, T411*
Color Filters	**T551-5**	**T571-6**
Dichroic Lenses	**T5501-18**	**T5718**
UV Filter	**T5522**	**T5722**
Uniformity Lens	**T5521**	**T5721**
Diffuse Spread Lens	**T5520**	**–**
Linear Spread Lens	**T559**	**T5778**
Prismatic Spread Lens	**T557**	**T5777**
Hexcell Louver	**T5559BL**	**–**
Cube Cell Louver	**–**	**T579BL**

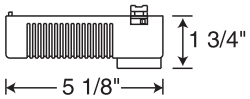
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



The product and system may be covered by the following United States patent: D464,455

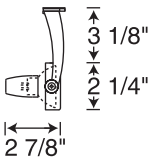
Wishbones

An elegant interpretation of the popular gimbal ring fixture, the sculpted "wishbone" yoke and contoured socket cup produce a most pleasing combination of form and proportion. A special 360° rotation feature on this series eliminates aiming dead zones.

Catalog #	Finish	Lamp
T480WH	White	12V, 50W max. MR16
T480BL	Black	
T480SL	Silver	
T480SC	Satin Chrome Ring with Black Yoke	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

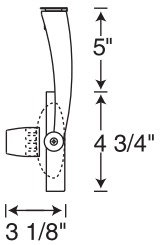
Dimensions



Catalog #	Finish	Lamp
T484WH	White	12V, 50W max. PAR36
T484BL	Black	
T484SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

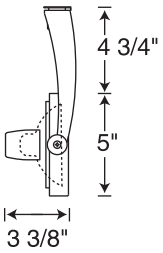
Dimensions



Catalog #	Finish	Lamp
T485WH	White	12V, 75W max. AR111
T485BL	Black	
T485SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



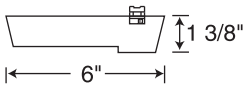
Light Control Accessories

For Fixtures:	*T480*	*T485*
Color Filters	**T551-5**	**T571-6**
Dichroic Lenses	**T5501-18**	**T5718**
UV Filter	**T5522**	**T5722**
Uniformity Lens	**T5521**	**T5721**
Diffuse Spread Lens	**T5520**	–
Linear Spread Lens	**T559**	**T5778**
Prismatic Spread Lens	**T557**	**T5777**
Hexcell Louver	**T5559BL**	–
Cube Cell Louver	–	**T579BL**
Black Snoot	**T558BL**	–
Black Eyebrow	**T556BL**	**T587BL**
Black Barn Doors	**T74BL**	–

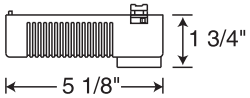
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



The product and system may be covered by the following United States patent: D395,140

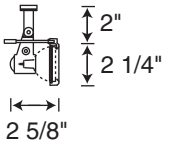
Delta 200 Series®

An angular, die cast fixture body and rod-supported lamp bezel create a semi-exposed, technical appearance. The front bezel supports accessory lenses and louvers for custom-tailored lighting effects.

Catalog #	Finish	Lamp
T216WH	White	12V, 50W max. MR16
T216BL	Black	
T216SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

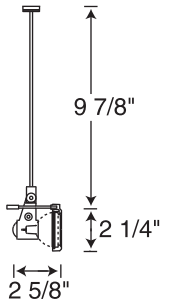
Dimensions



Catalog #	Finish	Lamp
TP216WH	White	12V, 50W max. MR16
TP216BL	Black	
TP216SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



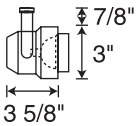
Studio II

Studio II fixtures add a contemporary stage and studio flavor into an environment. Supplied with integral accessory holder.

Catalog #	Finish	Lamp
T291WH	White	12V, 50W max. MR16
T291BL	Black	
T291SL	Silver	
	All with Black Integral Accessory Ring	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



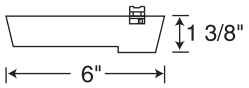
Light Control Accessories

For Fixtures:	*T216, TP216*	*T291*
Color Filters	**T551-5**	**T551-5**
Dichroic Lenses	**T5501-18**	**T5501-18**
UV Filter	**T5522**	**T5522**
Uniformity Lens	**T5521**	**T5521**
Diffuse Spread Lens	**T5520**	**T5520**
Linear Spread Lens	**T559**	**T559**
Prismatic Spread Lens	**T557**	**T557**
Hexcell Louver	**T5559BL**	**T5559BL**
Black Snoot	**T558BL**	–
Barn Doors	**T74BL**	–

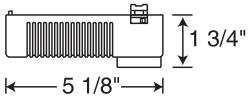
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



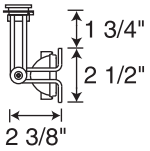
Wireforms®

The Juno timeless, patented Wireform design encircles line and low voltage halogen lamps in a light, technically appealing frame.

Catalog #	Finish	Lamp
T430WH	White	12V, 75W max. MR16
T430BL	Black	
T430SL	Silver	
T430RD	Red	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



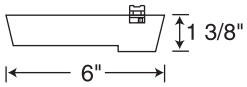
Light Control Accessories

For Fixture:	*T430*
Color Filters	**T551-5**
Dichroic Lenses	**T5501-18**
UV Filter	**T5522**
Uniformity Lens	**T5521**
Diffuse Spread Lens	**T5520**
Linear Spread Lens	**T559**
Prismatic Spread Lens	**T557**
Hexcell Louver	**T5559BL**
Black Barn Doors	**T74BL**

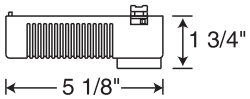
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



The product and system may be covered by the following United States patent: D313,867

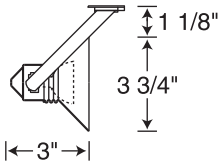
Flyback

Uniquely angled back from the trac at 45 degrees, the Flyback series adds visual energy into a space.

Catalog #	Finish	Lamp
T227WH	White	12V, 50W max. MR16CG
T227BL	Black	Cover Glass

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



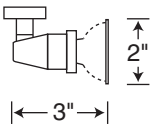
Universal

Use the minimalist Universal fixture as a do everything basic lampholder.

Catalog #	Finish	Lamp
T401WH	White	12V, 50W max. MR16CG
T401BL	Black	Cover Glass
T401SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Light Control Accessories

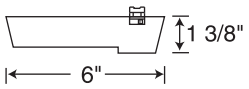
For Fixture:	*T227, T401*
Accessory Holder	**T7400BL, SA**
Color Filters	**T741-6***
Dichroic Lenses	**T7401-18***
UV Filters	**T7422***
Uniformity Lens	**T7421***
Diffuse Spread Lens	**T7420***
Linear Spread Lens	**T7478***
Prismatic Spread Lens	**T7477***
Hexcell Louver	**T7459BL***

*Filters, lenses and louver require accessory holder for installation.
Use of light control accessories negates the need for MR16 cover glass lamp.

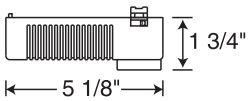
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



The product and system may be covered by the following United States patent: D355,723

Geometrics

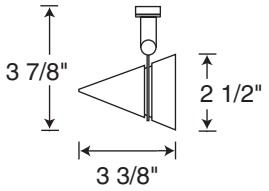
Choose the petite MR11 Dart luminaire for a playful accent, the MR16 Cone fixture for a more sophisticated design statement or the MR16 Orb series for balanced, consistent appearance regardless of aiming angle.

Dart

Catalog #	Finish	Lamp
T161WH	White	12V, 35W max. MR11
T161BL	Black	
T161SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions

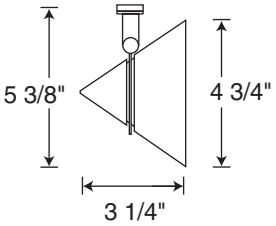


Cone

Catalog #	Finish	Lamp
T160WH	White	12V, 50W max. MR16
T160BL	Black	
T160SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions

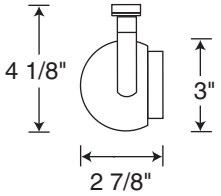


Orb

Catalog #	Finish	Lamp
T165WH	White	12V, 50W max. MR16
T165BL	Black	
T165SL	Silver	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



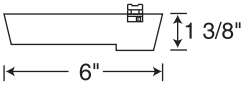
Light Control Accessories

For Fixtures:	*T161*	*T160, T165*
Color Filters	**T551-5**	**T551-5**
Dichroic Lenses	**T5501-18**	**T5501-18**
UV Filter	**T5522**	**T5522**
Uniformity Lens	–	**T5521**
Diffuse Spread Lens	–	**T5520**
Linear Spread Lens	–	**T559**
Prismatic Spread Lens	–	**T557**
Hexcell Louver	–	**T5559BL**

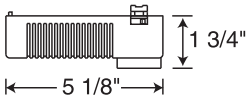
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



The product and system may be covered by the following patents: U.S. Patents D442,718; D434,514; D443,375; Canada Patents 92,378; 92,376; 92,377

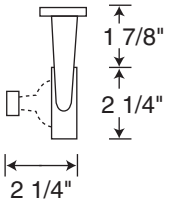
MR16 Gimbal Rings

Choose the basic single yoke design of the T696 or the more elegant sculpted dual yoke design of the T196.

Catalog #	Finish	Lamp
T196WH	White	12V, 50W max. MR16
T196BL	Black	
T196SC	Satin Chrome	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

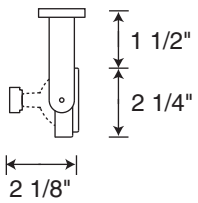
Dimensions



Catalog #	Finish	Lamp
T696WH	White	12V, 75W max. MR16
T696BL	Black	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



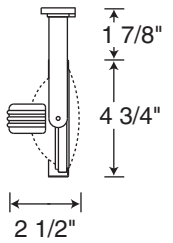
PAR36 Gimbal Ring

This most basic of fixture designs supports a PAR36 lamp to produce a collimated pin spot of light that remains tight over longer throw distances. The shielded filament also reduces brightness.

Catalog #	Finish	Lamp
T446WH	White	12V, 50W max. PAR36
T446BL	Black	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



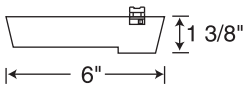
Light Control Accessories

For Fixture:	*T196, T696*
Color Filters	**T551-5**
Dichroic Lenses	**T5501-18**
UV Filter	**T5522**
Uniformity Lens	**T5521**
Diffuse Spread Lens	**T5520**
Linear Spread Lens	**T559**
Prismatic Spread Lens	**T557**
Hexcell Louver	**T5559BL**

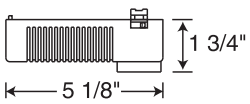
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



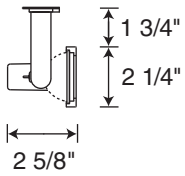
Notch Backs

This classic design is available in a close-to-the-trac version or an adjustable height pendant rod mounting.

Catalog #	Finish	Lamp
T443WH	White	12V, 50W max. MR16
T443BL	Black	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

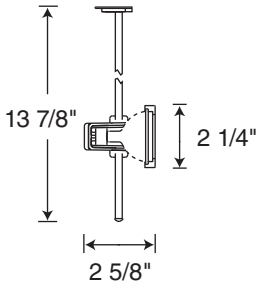
Dimensions



Catalog #	Finish	Lamp
TP443WH	White	12V, 50W max. MR16
TP443BL	Black	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



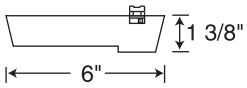
Light Control Accessories

For Fixture:	*T443, TP443*
Color Filters	**T551-5**
Dichroic Lenses	**T5501-18**
UV Filter	**T5522**
Uniformity Lens	**T5521**
Diffuse Spread Lens	**T5520**
Linear Spread Lens	**T559**
Prismatic Spread Lens	**T557**
Hexcell Louver	**T5559BL**

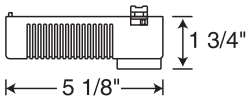
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



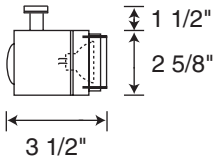
Cast 16®

The square, die cast construction provides a unique styling option.

Catalog #	Finish	Lamp
T447WH	White	12V, 75W max. MR16
T447BL	Black	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



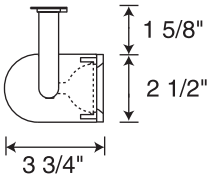
Mini-Round Back

The mini-round back cylinder is a simple, timeless design that blends into almost any design theme.

Catalog #	Finish	Lamp
T442WH	White	12V, 50W max. MR16
T442BL	Black	

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



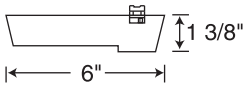
Light Control Accessories

For Fixtures:	*T442*	*T447*
Color Filters	**T551-5**	**T551-5**
Dichroic Lenses	**T5501-18**	**T5501-18**
UV Filter	**T5522**	**T5522**
Uniformity Lens	**T5521**	**T5521**
Diffuse Spread Lens	**T5520**	**T5520**
Linear Spread Lens	**T559**	**T559**
Prismatic Spread Lens	**T557**	**T557**
Hexcell Louver	**T5559BL**	**T5559BL**
Black Snoot	**T558BL**	–

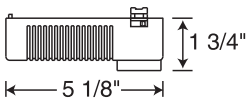
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



The product and system may be covered by the following United States patent: D330,944

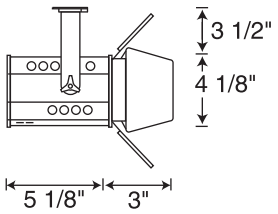
Theatrical Light

The classic stage and studio design and integral barn doors evoke the feeling of theatrical lighting.

Catalog #	Finish	Lamp
T290BL	Black	12V, 75W max. MR16

Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Light Control Accessories

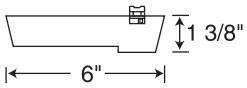
For Fixtures:	*T290* *1 3/4" dia.*	*T290* *3 3/4" dia.*
Color Filters	**T551-5**	**T561-6**
Dichroic Lenses	**T5501-18**	**T5618**
UV Filter	**T5522**	**T5622**
Uniformity Lens	**T5521**	**T5621**
Diffuse Spread Lens	**T5520**	**–**
Linear Spread Lens	**T559**	**T5678**
Prismatic Spread Lens	**T557**	**T5677**
Hexcell Louver	**T5559BL**	**–**
Cube Cell Louver	**–**	**T569BL**

T290 can accept one 1 3/4" filter, lens or louver in place of clear glass supplied with MR16 fixtures. In addition, the integral barn doors can also accept one 3 3/4" filter, lens or louver.

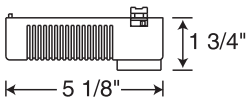
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



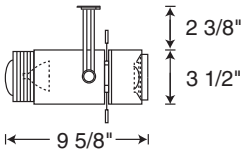
Framing Projector

This special purpose fixture produces an evenly illuminated "frame" of light typically used to dramatically highlight artwork. The four adjustable shutters are field adjusted to size any four-sided geometric shape. Often times the frame of light is set slightly wider than the artwork to give a stronger impression of illumination against the wall. The chart below shows the relationship between distance from the wall, aiming angle and maximum achievable light frame sizes.

Catalog #	Finish	Lamp
T398WH	White	12V, 75W max. MR16 FL
T398BL	Black	(EYC) or equivalent

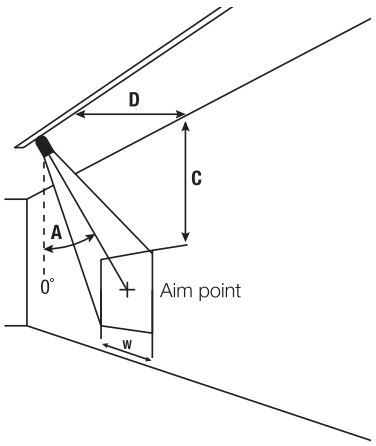
Transformer required. Must order separately.
See Low Voltage Transformers section for detailed information.

Dimensions



Light Beam Coverage on a Vertical Plane – Aiming Angles: 35˚, 45˚, 60˚

Horizontal Mounting Distance (D)	24"			36"			48"		
Aiming Angle (A)	35°	45°	60°	35°	45°	60°	35°	45°	60°
Vertical Distance (C)	19	18	6	26	17	7	34	24	8
Width (W)	22	20	19	37	33	29	46	42	40
F.C. on Beam Axis	137	267	303	49	77	114	27	41	57



The chart indicates maximum picture width (W) and minimum distance from ceiling (C) to picture top for different projector to wall spacings and aiming angles (A). Aiming angles are measured from 0°.

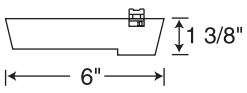
Example: For a 36" mounting distance (D), and a 45° aiming angle (A), the maximum picture width (W) is 33" with the top of the picture 17" down from the ceiling (C).

Product design and photometrics are based on using a 75W MR16 wide flood lamp. (EYC 75W Flood). A flood provides an even distribution of light on the picture.

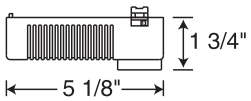
12V Transformers

T537, T537U (LED-compatible) and **T538** are available in white, black or silver finishes. See Low Voltage Transformers section for a full description, or Monopoints section for Monopoint Transformers.

T537, T537U



T538



Integral Magnetic Transformers

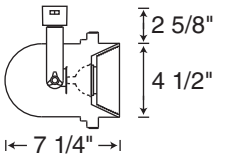
The Studio I, Flat Back Cylinder and Cast 16 designs are among the original MR16 fixtures designed around magnetic transformers. They are typically chosen for special rough-duty applications where a robust magnetic transformer is desired.

Studio I

Catalog #	Finish	Lamp
T338WH	White	12V, 50W max. MR16

Integral 12V Magnetic Transformer

Dimensions

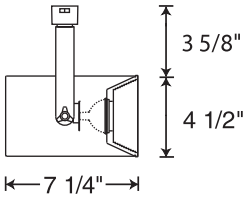


Flat Back Cylinder

Catalog #	Finish	Lamp
T340WH	White	12V, 50W max. MR16
T340BL	Black	

Integral 12V Magnetic Transformer

Dimensions



Light Control Accessories

For Fixtures:	*T338*, T340** *1 3/4" dia., 4 11/16" dia.*	*T338*, T340** *1 3/4" dia., 4 11/16" dia.*
Accessory Holder	–	**T570BL**
Color Filters	**T551-5**	**T571-6**
Dichroic Lenses	**T5501-18**	**T5718**
UV Filter	**T5522**	**T5722**
Uniformity Lens	**T5521**	**T5721**
Diffuse Spread Lens	**T5520**	–
Linear Spread Lens	**T559**	**T5778**
Prismatic Spread Lens	**T557**	**T5777**
Hexcell Louver	**T5559BL**	–
Cube Cell Louver	–	**T579BL**
Black Barn Doors	–	**T72BL**

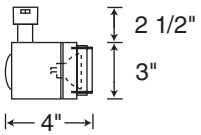
* T338 and T340 can accept one 1 3/4" filter, lens or louver in place of clear glass supplied with MR16 fixtures; in addition, they can also accept one 4 11/16" filter, lens or louver when combined with accessory holder or barn doors.

Cast 16®

Catalog #	Finish	Lamp
T350WH	White	12V, 75W max. MR16
T350BL	Black	

Integral 12V Magnetic Transformer

Dimensions



Light Control Accessories

For Fixture:	*T350*
Color Filters	**T551-5**
Dichroic Lenses	**T5501-18**
UV Filter	**T5522**
Uniformity Lens	**T5521**
Diffuse Spread Lens	**T5520**
Linear Spread Lens	**T559**
Prismatic Spread Lens	**T557**
Hexcell Louver	**T5559BL**

Trac-Master® | Trac System Components

One-Circuit System

Surface Trac

Includes dead-end and mounting hardware.

Description

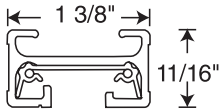
One-Circuit Trac-Master® sections are available as surface mounted trac or may be suspended from ceiling with pendant accessories listed in One-Circuit System Pendant Mounting Accessories section.

Features

- Extruded aluminum channel
- Extruded thermoplastic insulator
- Debossed polarity line
- 12 gauge solid copper conductors
- Concealed wireway on top of trac section
- 20 amp capacity
- UL Listed, CSA Certified
- Can be cut to custom length by installer

Catalog #	Finish	Description
T2WH	White	(actual length 19 7/8")
T2BL	Black	
T2NA	Natural	
T2SL	Silver	
T4WH	White	(actual length 43 7/8")
T4BL	Black	
T4NA	Natural	
T4SL	Silver	
T6WH	White	(actual length 67 7/8")
T6BL	Black	
T6NA	Natural	
T6SL	Silver	
T8WH	White	(actual length 91 7/8")
T8BL	Black	
T8NA	Natural	
T8SL	Silver	
T12WH	White	(actual length 139 7/8")
T12BL	Black	
T12NA	Natural	
T12SL	Silver	

Dimensions

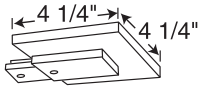


Electrical End Feeds

End Feed Connector and Outlet Box Cover

Catalog #	Finish	Description
T21WH	White	• For outlet box feed
T21BL	Black	• Includes outlet cover, fixture
T21SL	Silver	

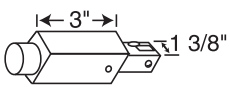
Dimensions



Conduit Adapter

Catalog #	Finish	Description
T34WH	White	• For surface wiring
T34BL	Black	• Accepts standard 1/2" connector
T34SL	Silver	

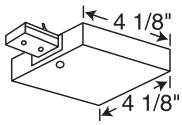
Dimensions



T-Bar End Feed

Catalog #	Finish	Description
T36WH	White	• Wiring compartment contains standard 1/2" KO's
T36BL	Black	• Feeds surface trac from above when T-Bar is directly above trac
T36SL	Silver	

Dimensions



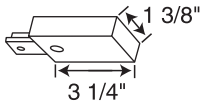
The product and system may be covered by the following United States patent: U5,259,774

Electrical End Feeds (cont)

End Feed Connector

Catalog #	Finish	Description
T38WH	White	• Feed trac from above with flexible conduit, BX, etc., or end feed in pendant systems • Accepts standard 1/2" connector
T38BL	Black	
T38SL	Silver	

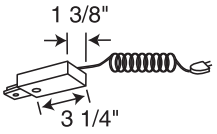
Dimensions



Cord and Plug Connector

Catalog #	Finish	Description
T22WH	White	• Comes with 15' two-wire white cord • Includes surface wire retainers and in-line switch • Maximum capacity 7 amps
T22BL	Black	
T22SL	Silver	
T122WH	White	• Same as above but with matching color 3-wire grounded cord and plug • No switch
T122BL	Black	
T122SL	Silver	

Dimensions

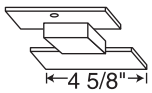


Electrical Floating Feed

Floating Electrical Feed

Catalog #	Finish	Description
T29WH	White	• Permits mounting to any point of trac under outlet box • Includes floating connector and outlet box cover plus extra trac dead end
T29BL	Black	
T29SL	Silver	

Dimensions

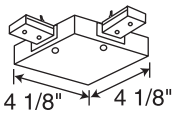


Electrical Joiner Feed

T-Bar Adjustable Joiner Feed

Catalog #	Finish	Description
T35WH	White	• Joins two trac sections to make 90° angle or straight run • Wiring compartment contains standard 1/2" KO's • Feeds from above when T-Bar is directly above trac
T35BL	Black	
T35SL	Silver	

Dimensions

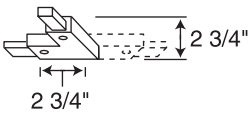


Trac Joiners

Adjustable Connector

Catalog #	Finish	Description
T24WH	White	• Joins two trac sections to make 90° angle or straight run • Straight and right angle covers supplied • For outlet box feed, T27 outlet box cover also required (order separately)
T24BL	Black	
T24SL	Silver	
T24FWH*	White	• Same as T24 but permits electrical feed • Required in Canada only
T24FBL*	Black	

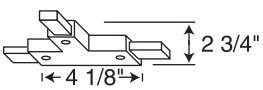
Dimensions



"T" Connector

Catalog #	Finish	Description
T25WH**	White	• Joins three trac sections • For outlet box feed, T27 outlet box cover also required (order separately)
T25BL**	Black	
T25SL**	Silver	

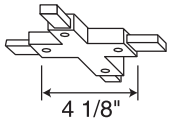
Dimensions



"X" Connector

Catalog #	Finish	Description
T26WH**	White	• Joins four trac sections at 90° angles • For outlet box feed, T27 outlet box cover also required (order separately)
T26BL**	Black	
T26SL**	Silver	

Dimensions



* Use T24F as feed connector in Canada.
** T25 and T26 cannot be used as feed connectors in Canada.

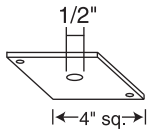
Trac Joiners (cont)

Outlet Box Cover

Catalog #	Finish
T27WH	White
T27BL	Black
T27SL	Silver

Description
- Use with No. T24, T25, T26, for outlet box electrical feed
- Includes nipple, locknut and ground screw

Dimensions

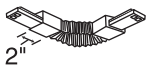


Accordian Adjustable Joiner

Catalog #	Finish
T20WH	White
T20BL	Black
T20SL	Silver

Description
- Can flex to 90˚ angle to left, right, up or down
- Joins two trac sections

Dimensions

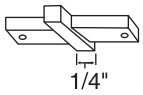


Straight Connector

Catalog #	Finish
T23WH	White
T23BL	Black
T23SL	Silver

Description
- Joins two trac sections end to end

Dimensions

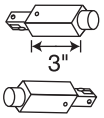


Trac Continuation Kit

Catalog #	Finish
T49WH	White
T49BL	Black
T49SL	Silver

Description
- Permits trac to continue a run around obstructions
- Includes one left and one right T34 Conduit Adapter
- Accepts standard 1/2" conduit connector

Dimensions



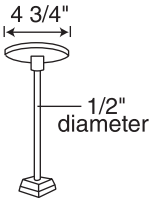
Pendant Mounting Accessories

T-Bar Ceiling Pendant Stem Kit

Catalog #	Finish
T90-12-WH	White
T90-12-BL	Black
T90-12-SL	Silver
T90-18-WH	White
T90-18-BL	Black
T90-18-SL	Silver
T90-24-WH	White
T90-24-BL	Black
T90-24-SL	Silver
T90-36-WH	White
T90-36-BL	Black
T90-36-SL	Silver
T90-48-WH	White
T90-48-BL	Black
T90-48-SL	Silver

Description
- 12",18", 24", 36", 48" stem lengths
- Use two for 2', 4', or 6' of trac or three for 8' and four for 12' of trac
- For electrical feed, order wireway cover T93 and T38

Dimensions

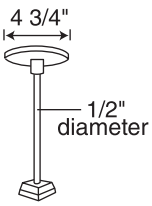


Rigid Ceiling Pendant Stem Kit

Catalog #	Finish
T91-12-WH	White
T91-12-BL	Black
T91-12-SL	Silver
T91-18-WH	White
T91-18-BL	Black
T91-18-SL	Silver
T91-24-WH	White
T91-24-BL	Black
T91-24-SL	Silver
T91-36-WH	White
T91-36-BL	Black
T91-36-SL	Silver
T91-48-WH	White
T91-48-BL	Black
T91-48-SL	Silver

Description
- 12",18", 24", 36", 48" stem lengths
- Attaches directly to junction box
- Use two for 2', 4', or 6' of trac or three for 8' and four for 12' of trac
- For electrical feed, order wireway cover T93 and T38

Dimensions



Pendant Mounting Accessories (cont)

Pendant Stem Coupling

Catalog #	Finish
T96WH	White
T96BL	Black
T96SL	Silver

Description
- Joins pendant stems for use in higher ceiling applications

Pendant Slope Ceiling Adapter

Catalog #	Finish
T94WH	White
T94BL	Black
T94SL	Silver

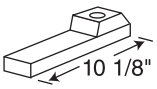
Description
- Allows T90 or T91 pendant to hang straight down from sloped ceilings
- Can be used to feed electrical to trac at up to 60˚ angle

Feed Wireway Cover

Catalog #	Finish
T93WH	White
T93BL	Black
T93SL	Silver

Description
- For use with pendant stem kits T90 and T91
- Conceals electrical feed wires from stem to connector
- One cover should be used for each trac feed

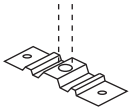
Dimensions



Straight Structural Bridge

Catalog #
T92

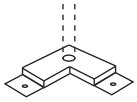
Description
- For use with T24 connector when used straight
- Permits mounting pendant stem kits (T90, T91) at center of trac connector



Corner Structural Bridge

Catalog #	Finish
T92L-WH	White
T92L-BL	Black
T92L-SL	Silver

Description
- For use with T24 connector when used at 90°
- Permits mounting pendant stem kits (T90, T91) at center of trac connector

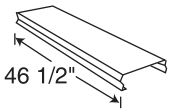


Trac Wireway Cover

Catalog #
T39

Description
- 4′ long black thermoplastic extrusion, covers wire carried in trac wireway
- Use one for 4′ trac, two for 8′ and three for 12′ trac
- Can be field cut

Dimensions



Miscellaneous Mounting Accessories

Solid Rod Pendant Mounting Kit

Catalog #	Finish
T56WH	White
T56BL	Black
T56SL	Silver

Description
- Attaches solid 5/16″ threaded rod to one or two-circuit trac
- Includes plastic cap, mounting bracket and hardware; rod not supplied

T-Bar Attachment Clip

Catalog #
T37F
T37D
T37F-9-16
T37D-9-16

Description
- To attach trac to inverted tee ceiling
- Use two for 2′ or 4′ trac and three for 6′, 8′ or 12′ trac
- T37F is compatible with 15/16″ grid with flush tiles
- T37D is compatible with 15/16″ grid with drop tiles
- T37F-9-16 is compatible with 9/16″ grid with flush tiles
- T37D-9-16 is compatible with 9/16″ grid with drop tiles

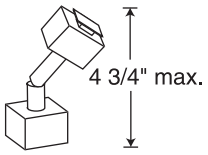
Miscellaneous Trac Accessories

Fixture Slope Ceiling Adapter

Catalog #	Finish
T95WH	White
T95BL	Black
T95SL	Silver

Description
- Attaches to trac, permitting Juno Trac-Master and Trac-Lites fixtures to be hung vertically from sloped ceiling
- 90˚ maximum adjustment

Dimensions

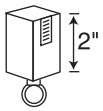


Pendant Adapter

Catalog #	Finish
T31WH	White
T31BL	Black
T31SL	Silver

Description
- Adapts cord, swag or chain-hung fixture to trac
- Includes strain relief for 3-wire cord (replaces chain loop)
- Supports up to 25 lbs
- Not UL Listed
- 2.5A max

Dimensions

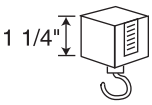


Planter or Utility Hook

Catalog #	Finish
T32WH	White
T32BL	Black
T32SL	Silver

Description
- Supports up to 25 lbs
- Not UL Listed

Dimensions

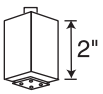


Outlet Adapter

Catalog #	Finish
T33WH	White
T33BL	Black
T33SL	Silver

Description
- Provides electrical receptacle
- Not UL Listed
- 7A max

Dimensions



Trac-Master® | Trac System Components

Two-Circuit System

Two-Circuit Trac Sections

Includes dead-end and Super Adapter upper-circuit contact supports.

Description

The Juno two-circuit Trac-Master® sections feature a sleek low profile design with the flexibility of individual circuit control for combining dual lighting effects along a single trac.

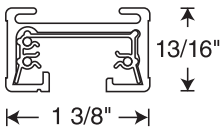
Juno two-circuit Trac-Master® trac offers maximum switching flexibility and two 20 amp circuits (2400 watts each). The system permits individual circuit control (for both circuits) with the use of switches, dimmers or timers. In long trac runs, the increased capacity eliminates 50% of the feed points. Two-circuit Trac-Master® trac will accept all Juno Trac-Master lampholders. Trac sections are available as surface mounted trac or may be suspended from ceilings with pendant accessories listed in Two-Circuit System Pendant Mounting Accessories section.

Features

- Extruded aluminum channel
- Extruded thermoplastic insulator
- Debossed polarity line
- 12 gauge solid copper conductors
- Concealed wireway on top of trac section
- UL Listed, CSA Certified
- Can be cut to custom length by installer

Catalog #	Finish	Description
TU4WH	White	(actual length 43 7/8”)
TU4BL	Black	3 contact supports included
TU4SL	Silver	
TU8WH	White	(actual length 91 7/8”)
TU8BL	Black	6 contact supports included
TU8SL	Silver	
TU12WH	White	(actual length 139 7/8”)
TU12BL	Black	9 contact supports included
TU12SL	Silver	

Dimensions

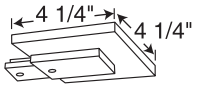


Electrical End Feeds

End Feed Connector and Outlet Box Cover

Catalog #	Finish	Description
TU21WH	White	• For outlet box feed
TU21BL	Black	• Includes outlet cover, fixture strap and ground screw
TU21SL	Silver	

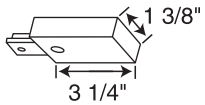
Dimensions



End Feed Connector

Catalog #	Finish	Description
TU38WH	White	• Feed trac from above with flexible conduit, BX, etc., or end feed in pendant systems
TU38BL	Black	• Accepts standard 1/2” connector
TU38SL	Silver	

Dimensions



The product and system may be covered by the following United States patent: U5,259,774

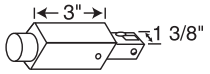
Electrical End Feeds (cont)

Conduit Adapter

Catalog #	Finish
TU34WH	White
TU34BL	Black
TU34SL	Silver

Description
- For surface wiring
- Accepts standard 1/2" connector

Dimensions

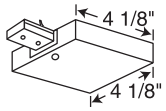


T-Bar End Feed

Catalog #	Finish
TU36WH	White
TU36BL	Black
TU36SL	Silver

Description
- Wiring compartment contains standard 1/2" KO's
- Feeds surface trac from above when T-Bar is directly above trac

Dimensions



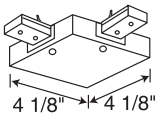
Electrical Joiner Feed

T-Bar Adjustable Joiner Feed

Catalog #	Finish
TU35WH	White
TU35BL	Black
TU35SL	Silver

Description
- Joins two trac sections to make 90˚ angle or straight run
- Wiring compartment contains standard 1/2" KO's
- Feeds from above when T-Bar is directly above trac

Dimensions



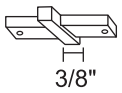
Trac Joiners

Miniature Straight Connector

Catalog #	Finish
TU23WH	White
TU23BL	Black
TU23SL	Silver

Description
- Joins two trac sections end to end

Dimensions

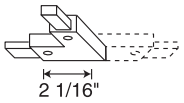


Adjustable Connector

Catalog #	Finish
TU24WH*	White
TU24BL*	Black
TU24SL*	Silver

Description
- Joins two trac sections to make 90˚ angle or straight run
- Straight and right angle covers supplied
- For outlet box feed, T27 cover plate also required (order separately)

Dimensions

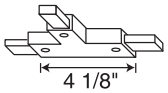


"T" Connector

Catalog #	Finish
TU25WH*	White
TU25BL*	Black
TU25SL*	Silver

Description
- Joins three trac sections
- For outlet box feed, T27 cover plate also required (order separately)

Dimensions

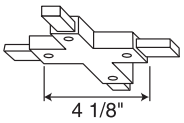


"X" Connector

Catalog #	Finish
TU26WH*	White
TU26BL*	Black
TU26SL*	Silver

Description
- Joins four trac sections at 90˚ angles
- For outlet box feed, T27 cover plate also required (order separately)

Dimensions

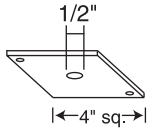


Outlet Box Cover

Catalog #	Finish
T27WH	White
T27BL	Black
T27SL	Silver

Description
- Use with No. TU24, TU25, TU26, for outlet box electrical feed
- Includes nipple, locknut and ground screw

Dimensions



Accordian Adjustable Joiner

Catalog #	Finish
TU20WH	White
TU20BL	Black
TU20SL	Silver

Description
- Can flex to 90˚ angle to left, right, up or down
- Joins two trac sections

Dimensions

* TU24, TU25 and TU26 cannot be used as feed connectors in Canada.

Pendant Mounting Accessories

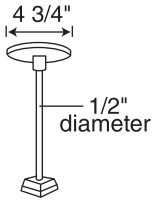
T-Bar Ceiling Pendant Stem Kit

Catalog #	Finish
T90-12-WH	White
T90-12-BL	Black
T90-12-SL	Silver
T90-18-WH	White
T90-18-BL	Black
T90-18-SL	Silver
T90-24-WH	White
T90-24-BL	Black
T90-24-SL	Silver
T90-36-WH	White
T90-36-BL	Black
T90-36-SL	Silver
T90-48-WH	White
T90-48-BL	Black
T90-48-SL	Silver

Description

- 12”,18”, 24”, 36”, 48” stem lengths
- Use two for 2’, 4’, or 6’ of trac or three for 8’ and four for 12’ of trac
- For electrical feed, order T93 wireway cover and TU38 End Feed

Dimensions



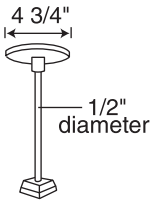
Rigid Ceiling Pendant Stem Kit

Catalog #	Finish
T91-12-WH	White
T91-12-BL	Black
T91-12-SL	Silver
T91-18-WH	White
T91-18-BL	Black
T91-18-SL	Silver
T91-24-WH	White
T91-24-BL	Black
T91-24-SL	Silver
T91-36-WH	White
T91-36-BL	Black
T91-36-SL	Silver
T91-48-WH	White
T91-48-BL	Black
T91-48-SL	Silver

Description

- 12”,18”, 24”, 36”, 48” stem lengths
- Attaches directly to junction box
- Use two for 2’, 4’, or 6’ of trac or three for 8’ and four for 12’ of trac
- For electrical feed, order T93 wireway cover and TU38 End Feed

Dimensions



Pendant Stem Coupling

Catalog #	Finish
T96WH	White
T96BL	Black
T96SL	Silver

Description

- Joins pendant stems for use in higher ceiling applications

Slope Ceiling Pendant Adapter

Catalog #	Finish
T94WH	White
T94BL	Black
T94SL	Silver

Description

- Allows T90 or T91 pendant to hang straight down from sloped ceilings
- Can be used to feed electrical to trac at up to a 60° angle

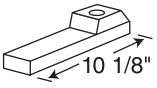
Feed Wireway Cover

Catalog #	Finish
T93WH	White
T93BL	Black
T93SL	Silver

Description

- For pendant stem kits T90 and T91
- Conceals electrical feed wires from stem to trac connector
- One cover should be used for each trac feed

Dimensions



Miscellaneous Mounting Accessories

Solid Rod Pendant Mounting Kit

Catalog #	Finish
T56WH	White
T56BL	Black
T56SL	Silver

Description

- Attaches solid 5/16" threaded rod to one- or two-circuit trac
- Includes: plastic cap, mounting bracket and hardware
- Rod not supplied

T-Bar Attachment Clip

Catalog #
T37F
T37D
T37F-9-16
T37D-9-16

Description

- To attach trac to inverted tee ceiling
- Use two for 2' or 4' trac and three for 6', 8' or 12' trac
- T37F is compatible with 15/16" grid with flush tiles
- T37D is compatible with 15/16" grid with drop tiles
- T37F-9-16 is compatible with 9/16" grid with flush tiles
- T37D-9-16 is compatible with 9/16" grid with drop tiles

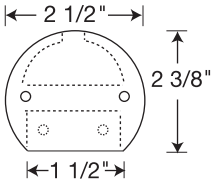
Trac Tube Assembly
Includes tubular housing, end caps, trac section, starter and end connectors.

Description
The tubular design of this system adds style and flexibility to trac systems. The Juno Trac Tube System can be surface, pendant or wall mounted for a fresh perspective in lighting design.

Features
- 2 1/2" diameter extruded aluminum housing
- Straight runs of geometric patterns
- 20 amp capacity
- UL Listed, CSA Certified
- Field cutting is not recommended

Catalog #	Finish	Description
TT4WH	White	• 4' Tube Trac Assembly (One circuit, actual length 48 3/8")
TT4BL	Black	
TT8WH	White	• 8' Tube Trac Assembly (One circuit, actual length 96 3/8")
TT8BL	Black	

Dimensions

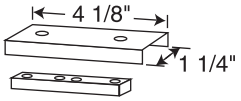


Joiner Kits
Juno Tube Trac System is available in two finishes and uses one-circuit trac. Right angle corners and flexible accordion joiners can be combined to create unique and distinctive design to trac lighting schemes.

Straight Joiner Kit

Catalog #	Finish	Description
TT503WH	White	• Joins two trac tube sections in a straight run
TT503BL	Black	• Includes electrical jumpers, joiner bracket and joiner cover

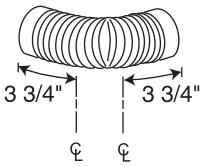
Dimensions



Flexible Accordian Joiner

Catalog #	Finish	Description
TT520WH	White	• Joins two trac tube sections
TT520BL	Black	• Adjusts from 60° to 300°
		• Includes electrical jumpers and joiner brackets

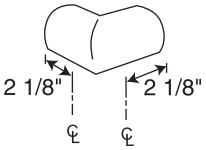
Dimensions



90° Right Angle Corner

Catalog #	Finish	Description
TT524WH	White	• Joins two trac tube sections
TT524BL	Black	• Includes electrical jumpers and joiner brackets

Dimensions



The product and system may be covered by the following United States patent: US5,259,774

Mounting Accessories

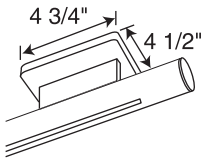
Surface Mount Bracket

Catalog #	Finish
TT528WH	White
TT528BL	Black

Description

- For mounting on T-bar or rigid ceiling
- Supports trac housing 1 1/2" from ceiling
- Use two for each trac tube section

Dimensions



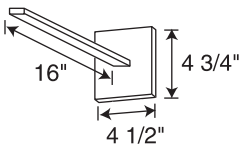
Wall Mount Bracket

Catalog #	Finish
TT529WH	White
TT529BL	Black

Description

- For mounting trac tube from wall
- Trac tube extends 17 1/4" from wall
- Use two for each trac tube section

Dimensions



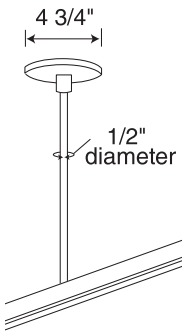
T-Bar Ceiling Pendant Stem Kit

Catalog #	Finish
TT590-12-WH	White
TT590-12-BL	Black
TT590-18-WH	White
TT590-18-BL	Black
TT590-24-WH	White
TT590-24-BL	Black
TT590-36-WH	White
TT590-36-BL	Black
TT590-48-WH	White
TT590-48-BL	Black

Description

- 12", 18", 24", 36" and 48"
- Use two for 4' and 8' trac tube
- Continuous runs require one every 4'
- Mechanically suspends and electrically feeds trac tube
- Feed wires can be routed through stem

Dimensions



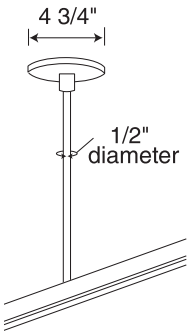
Rigid Ceiling Pendant Stem Kit

Catalog #	Finish
TT591-12-WH	White
TT591-12-BL	Black
TT591-18-WH	White
TT591-18-BL	Black
TT591-24-WH	White
TT591-24-BL	Black
TT591-36-WH	White
TT591-36-BL	Black
TT591-48-WH	White
TT591-48-BL	Black

Description

- 12", 18", 24", 36" and 48"
- Use two for 4' and 8' trac tube
- Continuous runs require one every 4'
- Mechanically suspends and electrically feeds trac tube
- Feed wires can be routed through stem

Dimensions



Pendant Stem Coupling

Catalog #	Finish
T96WH	White
T96BL	Black

Description

- Joins pendant stems for use in higher ceiling applications

Slope Ceiling Pendant Adapter

Catalog #	Finish
T94WH	White
T94BL	Black

Description

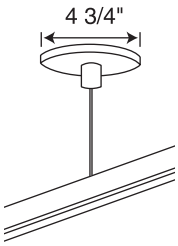
- Allows TT590 or TT591 pendant to hang straight down from sloped ceilings
- Can be used to feed electrical to trac at up to a 60° angle

Mounting Accessories (cont)

T-Bar Ceiling Pendant Cable

Catalog #	Finish	Description
TT595WH	White	• Mechanical suspension for trac tubes • Continuous runs require one every 4′ • Adjustable 48″ cable
TT595BL	Black	
TT596WH	White	• Similar to above but with 48″ electrical feed flexible wireway and wires
TT596BL	Black	

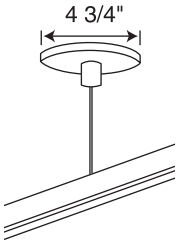
Dimensions



Rigid Ceiling Pendant Cable

Catalog #	Finish	Description
TT597WH	White	• Mechanical suspension for trac tubes • Continuous runs require one every 4′ • Adjustable 48″ cable
TT597BL	Black	
TT598WH	White	• Similar to above but with 48″ electrical feed flexible wireway and wires
TT598BL	Black	

Dimensions

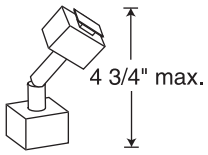


Miscellaneous Trac Accessories

Slope Ceiling Fixture Adapter

Catalog #	Finish	Description
T95WH	White	• Attaches to trac, permitting Juno line voltage Trac-Master and Trac-Lites Trac fixtures to be hung vertically from sloped ceiling • 90° maximum adjustment
T95BL	Black	
T95SL	Silver	

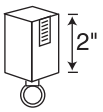
Dimensions



Pendant Adapter

Catalog #	Finish	Description
T31WH	White	• Adapts swag or chain-hung fixture to trac • Includes strain relief for 3-wire cord (replaces chain loop) • Supports up to 25 lbs • Not UL Listed • 2.5A max
T31BL	Black	
T31SL	Silver	

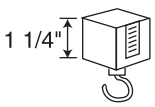
Dimensions



Planter or Utility Hook

Catalog #	Finish	Description
T32WH	White	• Supports up to 25 lbs • Not UL Listed
T32BL	Black	
T32SL	Silver	

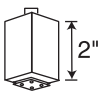
Dimensions



Outlet Adapter

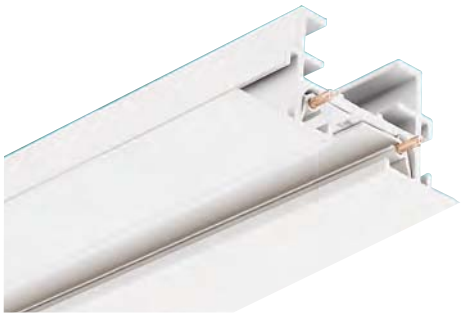
Catalog #	Finish	Description
T33WH	White	• Provides electrical receptacle • Not UL Listed • 7A max
T33BL	Black	
T33SL	Silver	

Dimensions



Trac-Master® | Trac System Components

Recessed Trac System



Description

Designed to be installed in dry ceiling applications, such as suspended tile or drywall, in straight run configurations only.

Recessed Trac provides a clean, built-in and finished look to lighting designs. Juno's Recessed Trac installs into plasterboard and suspended ceilings for polished, professional decor. One-circuit Trac-Master® Recessed Trac sections allow trac fixtures to be mounted flush to the ceiling.

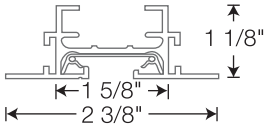
Features:

- Extruded aluminum channel
- Extruded thermoplastic insulator
- Debossed polarity line
- 12 gauge solid copper conductors
- 20 amp capacity
- UL Listed, CSA Certified
- Can be cut to custom length by installer

Recessed Trac Sections

Catalog #	Finish	Description
T14WH	White	4' Recessed Trac (One circuit, actual length 43 7/8")
T18WH	White	8' Recessed Trac (One circuit, actual length 91 7/8")

Dimensions

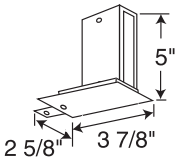


Recessed Trac Connectors

End Feed Connector

Catalog #	Finish	Description
T121WH	White	• With wiring box for electrifying trac

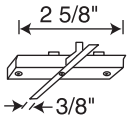
Dimensions



Mini Straight Connector

Catalog #	Finish	Description
T123WH	White	• Mechanically and electrically joins two trac sections end to end

Dimensions



Miscellaneous Trac Accessories

Recessed Trac may also be used with the Miscellaneous Trac Accessories shown in Trac Tube System section.

The product and system may be covered by the following United States patent: US5,259,774

Trac-Master® | Trac System Components

Extension Wands & Fixture Slope Ceiling Adapter

Extension Wands

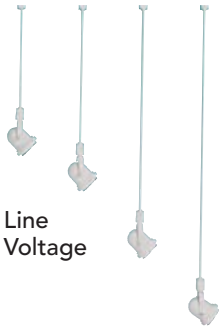
Extension wands suspend fixtures precisely where they are needed without lowering the trac section. On/Off switch is standard.

Line Voltage Extension Wands

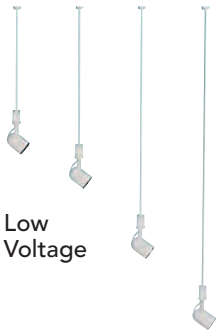
Line voltage extension wands suspend all Juno line voltage trac fixtures from all 120V Juno Trac. Two extension wand types are available: one designed for use with the standard square Super Adapter found on most Trac-Master and Trac-Lites fixtures and one designed for use with the wide adapter found on Juno MH_V CMH trac fixtures, TBX18 & TBX39 Wall Wash trac fixtures and T209 & T255 LED trac fixtures. Always confirm the adapter type before specifying an extension wand to ensure compatibility. May also be used with Monopoints designed to accept Juno 120V trac fixtures. Constructed of 1/2" rigid tubular steel and Lexan® plastic.

Low Voltage Extension Wands

Low voltage extension wands suspend low voltage mini spotlights from Juno T537 and T538 Transformers (transformers can be used on all 120V trac). May also be used with low voltage Monopoints T539, T542, and T543. Constructed of 1/2" rigid tubular steel and Lexan® plastic.



Line Voltage



Low Voltage

Line Voltage Extension Wands		Low Voltage Extension Wands		
Super Adapter Catalog #	**Wide Adapter Catalog #**	**Catalog #**	**Finish**	**Overall Length**
TW12WH	**TW12WA-WH**	**TWL12WH**	White	13 1/2"
TW12BL	**TW12WA-BL**	**TWL12BL**	Black	
TW12SL	**TW12WA-SL**	**TWL12SL**	Silver	
TW18WH	**TW18WA-WH**	**TWL18WH**	White	19 1/2"
TW18BL	**TW18WA-BL**	**TWL18BL**	Black	
TW18SL	**TW18WA-SL**	**TWL18SL**	Silver	
TW24WH	**TW24WA-WH**	**TWL24WH**	White	25 1/2"
TW24BL	**TW24WA-BL**	**TWL24BL**	Black	
TW24SL	**TW24WA-SL**	**TWL24SL**	Silver	
TW36WH	**TW36WA-WH**	**TWL36WH**	White	37 1/2"
TW36BL	**TW36WA-BL**	**TWL36BL**	Black	
TW36SL	**TW36WA-SL**	**TWL36SL**	Silver	
TW48WH	**TW48WA-WH**	**TWL48WH**	White	49 1/2"
TW48BL	**TW48WA-BL**	**TWL48BL**	Black	
TW48SL	**TW48WA-SL**	**TWL48SL**	Silver	
TWS24WH*	**TWS24WA-WH**	–	White	28 1/2"
TWS24BL*	**TWS24WA-BL**	–	Black	
TWS24SL*	**TWS24WA-SL**	–	Silver	

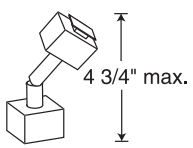
* Wand with slope adapter on top. For Biax Series, consult factory.

Fixture Slope Ceiling Adapter

Attaches to Trac, permitting Juno Trac-Master and Trac-Lites Trac fixtures to be hung vertically from sloped ceiling. Two slope ceiling adapter types are available: one designed for use with the standard square Super Adapter found on most Trac-Master and Trac-Lites fixtures and one designed for use with the wide adapter found on Juno MH_V CMH trac fixtures, TBX18 & TBX39 Wall Wash trac fixtures and T209 & T255 LED trac fixtures. Always confirm the adapter type before specifying a slope ceiling adapter to ensure compatibility. 90° maximum adjustment.

Super Adapter Catalog #	Wide Adapter Catalog #	Finish
T95WH	**T95WA-WH**	White
T95BL	**T95WA-BL**	Black
T952SL	–	Silver

Dimensions



Monopoints

Monopoints increase the versatility of Juno Trac fixtures by allowing them to be mounted where trac sections may not offer the best aesthetic or functional solution.

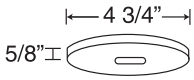
Outlet Box Monopoints

Line Voltage Monopoint

Catalog #	Finish
T40WH	White
T40BL	Black
T40SL	Silver
T40GP	Graphite

Description
- Mounts directly to outlet box
- Accepts Juno 120V trac fixtures using the standard square Super Adapter

Dimensions

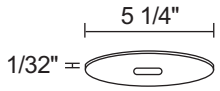


Line Voltage Monopoint-Flush Mount

Catalog #	Finish
T40F-WH	White
T40F-BL	Black
T40F-SL	Silver

Description
- Mounts directly to 4"outlet box only
- Accepts Juno 120V trac fixtures using the standard square Super Adapter

Dimensions

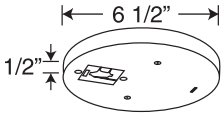


Low Voltage Monopoint

Catalog #	Finish
T58WH	White
T58BL	Black
T58SL	Silver

Description
- Mounts directly to outlet box
- Designed to be used with T537, T538 Transformers, or with T252L fixtures

Dimensions

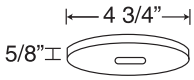


Wide Adapter Line Voltage Monopoint

Catalog #	Finish
T43WH	White
T43BL	Black
T43SL	Silver

Description
- Mounts directly to outlet box
- For use with fixtures using the wide trac adapter found on Juno MH_V CMH trac fixtures, TBX18 & TBX39 Wall Wash trac fixtures and T209 & T255 LED trac fixtures (ceiling mount only)

Dimensions

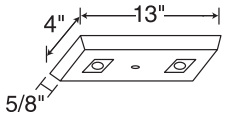


Line Voltage Duopoint

Catalog #	Finish
T41WH	White
T41BL	Black
T41SL	Silver

Description
- Mounts directly to outlet box
- Accepts two Juno 120V trac fixtures using the standard square Super Adapter

Dimensions



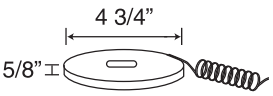
Special Monopoints

Weighted Base

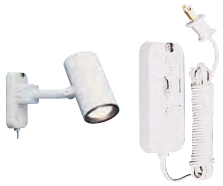
Catalog #	Finish
T42WH	White
T42BL	Black

Description
- For portable use
- Accepts Juno 120V trac fixtures using the standard square Super Adapter
- Supplied with 8' cord and plug

Dimensions

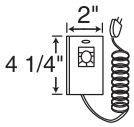


Special Monopoints



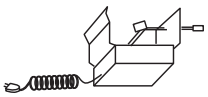
Pin-Up/Monopoint

Catalog #	Finish	Description	Dimensions
T45WH	White	• Accepts Juno 120V trac fixtures using the standard square Super Adapter • Supplied with 8′ cord and plug	
T45BL	Black		



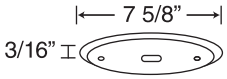
Clamp/Monopoint

Catalog #	Description	Dimensions
T46	• Clamps to pipe or planking up to 2 1/2″ thick • Accepts Juno 120V trac fixtures using the standard square Super Adapter • 8′ 3-wire black cord and plug supplied	



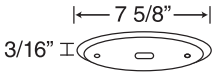
Monopoint Cover for 6″ Recessed Housings - Line Voltage

Catalog #	Finish	Description	Dimensions
T57WH	White	• Monopoint Adapter - Line Voltage • Permits Juno line voltage trac fixtures using the standard square Super Adapter to be attached directly to Juno 6″ universal recessed incandescent housings	



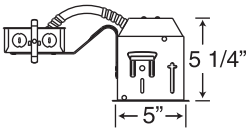
Monopoint Cover for 6″ Recessed Housings - Low Voltage

Catalog #	Finish	Description	Dimensions
T539WH	White	• Monopoint Adapter - Low Voltage • Contains integral 12V, 50VA electronic transformer • Permits Juno low voltage halogen trac fixtures that operate using a separate low voltage transformer to be attached directly to Juno 6″ universal recessed incandescent housings	



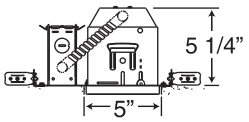
4″ Low Voltage Recessed Monopoint (For Remodel Construction)

Catalog #	Finish	Description	Dimensions
T542WH	White	• For remodel construction • Includes 50VA-12V magnetic transformer, wiring box, canopy, and thermal protector • Accepts Juno Trac fixtures that operate using a separate low voltage transformer	



4″ Low Voltage Recessed Monopoint (For New Construction)

Catalog #	Finish	Description	Dimensions
T543WH	White	• For new construction • Includes 50VA-12V magnetic transformer, pre-wired recessed housing, canopy, adjustable bar hangers and thermal protector • Accepts Juno Trac fixtures that operate using a separate low voltage transformer	



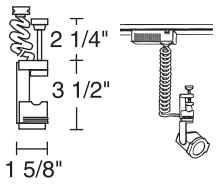
Coil Cord Clamp-Ons with Monopoint

Coil cord clamp-ons provide an innovative way to mount fixtures to pipe and flat surfaces up to 1 1/2" thick. Designed with futuristic styling in mind for dynamic displays and special mounting situations.

Trac Low Voltage Coil Cord Clamp-On

Catalog #	Finish	Description
T135WH	White	• Attaches to T537, T537U or T538 Transformer
T135BL	Black	• Accepts Juno low voltage trac fixtures
		• 2' coil cord extends to 5'

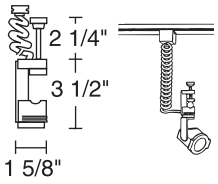
Dimensions



Trac Line Voltage Coil Cord Clamp-On

Super Adapter Catalog #	Wide Adapter Catalog #	Finish	Description
T132WH	**T132WA-WH**	White	• Attaches to Juno 120V Trac sections
T132BL	**T132WA-BL**	Black	• Accepts Juno 120V trac fixtures (confirm fixture adapter type before specifying to ensure compatibility)
			• Includes On/Off switch
			• 2' coil cord extends to 5'

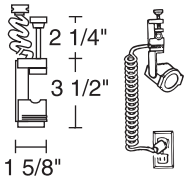
Dimensions



Plug-In Line Voltage Coil Cord Clamp-On

Super Adapter Catalog #	Wide Adapter Catalog #	Finish	Description
T133WH	**T133WA-WH**	White	• With coil cord and male plug (for standard 120V receptacle)
T133BL	**T133WA-BL**	Black	• Accepts Juno 120V trac fixtures (confirm fixture adapter type before specifying to ensure compatibility)
			• Includes On/Off switch
			• 2' coil cord extends to 5'

Dimensions



Outrigger Trac Mounting Bracket (non-electrified)

Catalog #	Finish	Description
T47WH	White	• For mounting trac out from wall
T47BL	Black	• Use two for 2', 4' or 6' trac sections, three for 8' sections, four for 12' sections
		• Accepts Juno low voltage trac fixtures
		• Order trac and trac connectors separately
		• For portable electric feed, use T22 or T122 Cord Set
		• For permanent wiring, use T38 Live End Feed

Dimensions

24"L x 8"H

The product and system may be covered by the following United States patent: D332,562

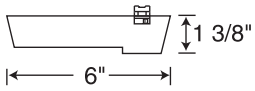
Halogen Low Voltage Transformers

Designer Transformer

Catalog #	Finish
T537WH	White
T537BL	Black
T537SL	Silver

- Low profile designer 12V, 75VA electronic transformer with On/Off switch
- Attaches to all Trac-Master® or Trac-Lites™ trac
- Compatible with 12V halogen fixtures consuming up to 75W

Dimensions

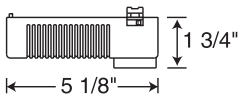


Classic Transformer

Catalog #	Finish
T538WH	White
T538BL	Black
T538SL	Silver

- Classic 12V, 75VA electronic transformer with On/Off switch
- Attaches to all Trac-Master or Trac-Lites trac
- Compatible with 12V halogen fixtures consuming up to 75W

Dimensions



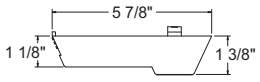
LED-Compatible Low Voltage Transformers

Designer Transformer

Catalog #	Finish
T537UWH	White
T537UBL	Black
T537USL	Silver

- Low profile designer 12V, 50VA electronic transformer with On/Off switch
- Attaches to all Trac-Master or Trac-Lites trac
- Compatible with 12V LED or halogen fixtures consuming up to 50W

Dimensions



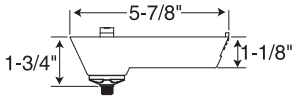
Halogen Quick Jack Low Voltage Transformers

Designer Transformer

Catalog #	Finish
T537QJWH	White
T537QJBL	Black
T537QJSL	Silver

- Low profile designer 12V, 75VA Quick Jack electronic transformer with On/Off switch
- Attaches to all Trac-Master or Trac-Lites trac
- Compatible with 12V halogen Quick Jack fixtures consuming up to 75W

Dimensions

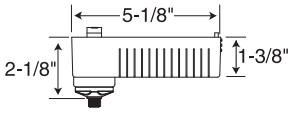


Classic Transformer

Catalog #	Finish
T538QJWH	White
T538QJBL	Black
T538QJSL	Silver

- Classic 12V, 75VA Quick Jack electronic transformer with On/Off switch
- Attaches to all Trac-Master or Trac-Lites trac
- Compatible with 12V halogen Quick Jack fixtures consuming up to 75W

Dimensions



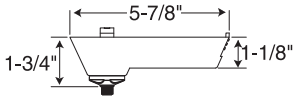
LED-Compatible Quick Jack Low Voltage Transformers

Designer Transformer

Catalog #	Finish
T537QJU-WH	White
T537QJU-BL	Black
T537QJU-SL	Silver

- Low profile designer 12V, 50VA Quick Jack electronic transformer
- Attaches to all Trac-Master or Trac-Lites trac
- Compatible with 12V LED or halogen fixtures consuming up to 50W

Dimensions



Trac-Master® | Trac System Current Limiting Solutions

Current Limiting Subpanel

Description

The Juno Current Limiting Subpanel permits you to take full advantage of any line voltage trac lighting without being penalized by watts-per-linear-foot code calculations. The subpanel is typically installed out-of-sight in an electrical control room, providing a centralized location for installation wiring and breaker resetting in the event of a circuit overload. The Current Limiting Subpanel installs between the branch circuit breaker and the trac lighting equipment. This limits the amount of power that is available to operate the trac circuit to only the wattage needed per the lighting plan. Installation labor is minimized since multiple trac runs can be fed from a single current limiting circuit breaker.

The subpanel is offered in any configuration from 1 thru 42 circuits and is available in either surface or flush mount versions. Current limiting is provided by 1A to 13A supplementary current limiting breakers that are selected at the time of order based on the actual lighting loads specified. Units are factory pre-assembled and customized for your specific application…no programming is required. Complimentary factory assistance is provided to guide you through the simple specification process.

Key Features

Designed to be installed between the branch circuit breaker and the lighting equipment • Not intended to be used as a primary circuit protector • Factory pre-assembled and customized • No programming required • Suitable for use with all line voltage trac systems

Construction Heavy-duty 14 gauge die formed steel enclosure • Hinged door with key-locking latch • Removable front panel with factory labeled breaker wiring data simplifies installation • Ample quantity of combination (1/2", 3/4", 1") knockouts provide maximum installation flexibility for top, bottom and side conduit connections • Precision 35mm DIN rail mounting secures breakers in place

Finish Durable powder coat paint • Industrial silver/gray metallic color standard

Circuit Breakers Single pole supplementary circuit breakers • Rated for 120/277VAC operation • Available in individual amperage ratings from 0.5A, 1A, 2A, 3A, 4A, 5A, 6A, 7A, 8A, 10A, 13A and 15A • Protectors should be loaded to a maximum of 80% of rating to avoid nuisance tripping • Wiring installs directly into breaker terminal • Color-coded ON/OFF indicator window clearly identifies status • Easily resettable in an accessible location in the event of an overcurrent situation • UL489, CSA 22.2, IEC 898 approved

Labels UL 508 Listed • cUL Listed • Approved by the California Energy Commission to meet the requirements of California Title 24 • Complies with ASHRAE 90.1

Warranty Product is warranted against defects in material and workmanship for a period of 3 years. Product specifications subject to change without notice.

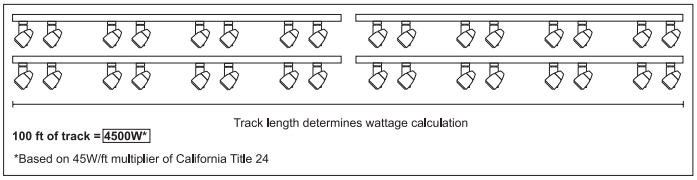
Energy Code Calculations

Illustrated below is an example of what current limiting means for trac lighting relative to today's energy codes. The standard layout without a current limiting solution consists of 100' of single circuit trac (2 circuits x 50' each) with 32 CMH trac fixtures, each consuming 45W maximum, for a total connected load of 1440W. Per the Title 24 energy code, the wattage calculation would be a much greater 4500W.

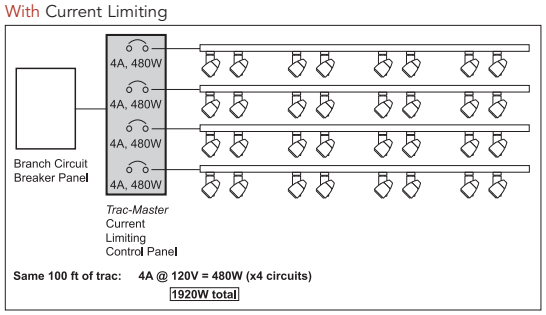
The scenario with the Trac-Master Current Limiting Subpanel uses the original 100' of single circuit trac, broken down into four 25' runs, with each monitored by a 4-Amp current limiting supplementary protector that is closely matched to the actual connected load of 1440W plus a small buffer. This results in the minimum calculated watts per the energy codes, making the wattage calculation independent of trac length. In a real application, there would typically be many more trac lighting circuits, resulting in an even greater calculated wattage reduction.

Calculations Example

Without Current Limiting



With Current Limiting

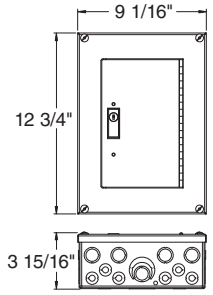


Current Limiting Subpanels (cont)

Surface Mount

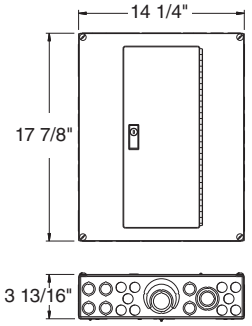
Catalog #	Description
CLS1M	Surface Mount, 1 Circuit
CLS2M	Surface Mount, 2 Circuit
CLS3M	Surface Mount, 3 Circuit
CLS4M	Surface Mount, 4 Circuit
CLS5M	Surface Mount, 5 Circuit
CLS6M	Surface Mount, 6 Circuit
CLS7M	Surface Mount, 7 Circuit
CLS8M	Surface Mount, 8 Circuit
CLS9M	Surface Mount, 9 Circuit
CLS10M	Surface Mount, 10 Circuit
CLS11M	Surface Mount, 11 Circuit
CLS12M	Surface Mount, 12 Circuit

4-12 Circuit Panel



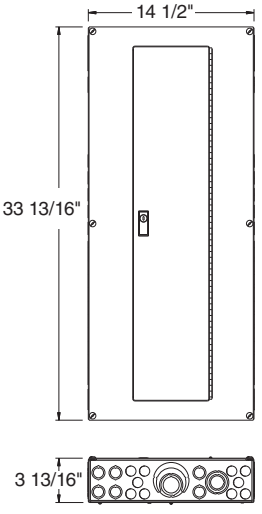
Catalog #	Description
CLS6	Surface Mount, 6 Circuit
CLS7	Surface Mount, 7 Circuit
CLS8	Surface Mount, 8 Circuit
CLS9	Surface Mount, 9 Circuit
CLS10	Surface Mount, 10 Circuit
CLS11	Surface Mount, 11 Circuit
CLS12	Surface Mount, 12 Circuit
CLS13	Surface Mount, 13 Circuit
CLS14	Surface Mount, 14 Circuit
CLS15	Surface Mount, 15 Circuit
CLS16	Surface Mount, 16 Circuit
CLS17	Surface Mount, 17 Circuit
CLS18	Surface Mount, 18 Circuit
CLS19	Surface Mount, 19 Circuit
CLS20	Surface Mount, 20 Circuit
CLS21	Surface Mount, 21 Circuit

6-21 Circuit Panel



Catalog #	Description
CLS22	Surface Mount, 22 Circuit
CLS23	Surface Mount, 23 Circuit
CLS24	Surface Mount, 24 Circuit
CLS25	Surface Mount, 25 Circuit
CLS26	Surface Mount, 26 Circuit
CLS27	Surface Mount, 27 Circuit
CLS28	Surface Mount, 28 Circuit
CLS29	Surface Mount, 29 Circuit
CLS30	Surface Mount, 30 Circuit
CLS31	Surface Mount, 31 Circuit
CLS32	Surface Mount, 32 Circuit
CLS33	Surface Mount, 33 Circuit
CLS34	Surface Mount, 34 Circuit
CLS35	Surface Mount, 35 Circuit
CLS36	Surface Mount, 36 Circuit
CLS37	Surface Mount, 37 Circuit
CLS38	Surface Mount, 38 Circuit
CLS39	Surface Mount, 39 Circuit
CLS40	Surface Mount, 40 Circuit
CLS41	Surface Mount, 41 Circuit
CLS42	Surface Mount, 42 Circuit

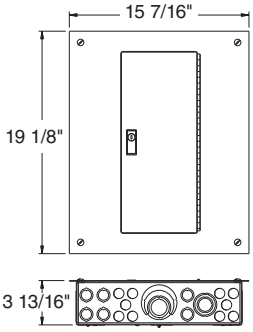
22-42 Circuit Panel



Flush Mount

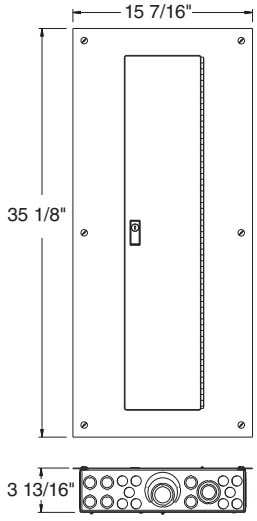
Catalog #	Description
CLS6F	Flush Mount, 6 Circuit
CLS7F	Flush Mount, 7 Circuit
CLS8F	Flush Mount, 8 Circuit
CLS9F	Flush Mount, 9 Circuit
CLS10F	Flush Mount, 10 Circuit
CLS11F	Flush Mount, 11 Circuit
CLS12F	Flush Mount, 12 Circuit
CLS13F	Flush Mount, 13 Circuit
CLS14F	Flush Mount, 14 Circuit
CLS15F	Flush Mount, 15 Circuit
CLS16F	Flush Mount, 16 Circuit
CLS17F	Flush Mount, 17 Circuit
CLS18F	Flush Mount, 18 Circuit
CLS19F	Flush Mount, 19 Circuit
CLS20F	Flush Mount, 20 Circuit
CLS21F	Flush Mount, 21 Circuit

6-21 Circuit Panel



Catalog #	Description
CLS22F	Flush Mount, 22 Circuit
CLS23F	Flush Mount, 23 Circuit
CLS24F	Flush Mount, 24 Circuit
CLS25F	Flush Mount, 25 Circuit
CLS26F	Flush Mount, 26 Circuit
CLS27F	Flush Mount, 27 Circuit
CLS28F	Flush Mount, 28 Circuit
CLS29F	Flush Mount, 29 Circuit
CLS30F	Flush Mount, 30 Circuit
CLS31F	Flush Mount, 31 Circuit
CLS32F	Flush Mount, 32 Circuit
CLS33F	Flush Mount, 33 Circuit
CLS34F	Flush Mount, 34 Circuit
CLS35F	Flush Mount, 35 Circuit
CLS36F	Flush Mount, 36 Circuit
CLS37F	Flush Mount, 37 Circuit
CLS38F	Flush Mount, 38 Circuit
CLS39F	Flush Mount, 39 Circuit
CLS40F	Flush Mount, 40 Circuit
CLS41F	Flush Mount, 41 Circuit
CLS42F	Flush Mount, 42 Circuit

22-42 Circuit Panel



Note:
Individual current limiting circuit breaker ratings are determined by the electrical layout drawings. A submittal package will be provided by Juno Lighting Group for customer approval following receipt of order. Current limiting circuit breaker ratings and panel position must be provided at the time of order but are not required to be specified as part of the catalog number.

Trac-Master® | Trac System Current Limiting Solutions

Current Limiting Trac Feeds

Description

Juno Current Limiting Feeds are the perfect solution for new construction or for bringing existing Juno line voltage trac lighting applications into conformance with today's stringent energy codes. They enable you to take full advantage of energy efficient, high-performance CMH and CFL trac fixtures without being penalized by watts-per-linear-foot code calculations, reducing calculated watts by as much as 75% or more.

Current Limiting Feeds are designed to take the place of standard non-limiting feeds and are installed at every trac feed location. The feeds are compact and mount close to the ceiling for an unobtrusive appearance. Available in both end feed and in-line feed configurations, the Current Limiting Feeds can be specified for either Trac-Master 1-circuit, Trac-Master 2-circuit or Trac-Lites 1-circuit trac systems. In-line feeds and 2-circuit end feeds are designed to accept up to two current limiting circuit breakers simultaneously. Feeds are supplied with tamper-resistant cover screws and screwdriver bits making installation convenient and future tampering impractical.

Current limiting circuit breakers (ordered separately) are available in increments from 1A to 14A enabling selection that closely matches the planned wattage use. Color-coded ON/OFF indication clearly identifies their status and they are easily resettable in the event of an overload situation.

Key Features

Designed to be installed at every trac feed location, in place of a standard non-limiting feed • In-line feeds can be used to feed trac as one electrical circuit in both directions or as two separate circuits using two current limiters
• Feed connector and current limiting circuit breaker are specified and ordered separately for maximum configuration flexibility • Not intended to be used as a primary circuit protector

Construction Heavy-duty 14 gauge (0.075 thick) die formed galvanized steel mounting plate • Surface or j-box mounting • T-bar compatible when fed directly • Mounting holes provided for j-box attachment • Center knockout enables feeding from j-box for simple wiring termination
• Two 7/8" knockouts for direct electrical feed connections
• Includes ground terminal attachment screw
• Injection molded polycarbonate cover with tearout for 2-breaker installations • Cover attaches to mounting plate using tamper-resistant screws (screwdriver bit supplied with electrical feed connector)

Finish Available in white, black or silver finishes
• Supplementary current limiting circuit breakers are ordered separately and can be specified in corresponding finishes to match feed connector

Supplementary Circuit Breakers Miniature single pole supplementary current limiters limit the current (wattage) that can be consumed on the trac section being fed
• Utilizes hydraulic magnetic technology which provides accurate and reliable circuit protection even when exposed to extremely hot and/or cold application environments
• Rated for 120VAC, 60Hz operation • Available in individual amperage ratings of 0.5A, 1A, 2A, 3A, 4A, 5A, 6A, 7A, 8A, 9A, 10A, 12A and 14A, selected based on actual lighting loads
• Can be operated continuously at rated current
• Specially designed to prevent nuisance tripping
• Easily snaps into mounting plate without the use of tools
• Leads wires provided for simplified installations
• ON/OFF indication clearly identifies breaker status
• Easily resettable in the event of an overcurrent situation

Labels UL 1077 Listed, CSA 22.2 approved
• Approved by the California Energy Commission to meet the requirements of Title 24 • Complies with ASHRAE 90.1 and IECC Section 805.5.1.4 for trac current limiting

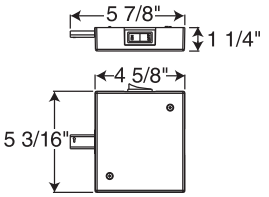
Ordering Information

Trac-Master

End Feeds

Catalog #	Finish	Trac Type	Description
TCLF11WH	White	1-Circuit	End Feed
TCLF11BL	Black		
TUCLF11WH	White	2-Circuit	End Feed
TUCLF11BL	Black		

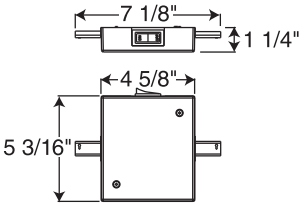
Dimensions



In-Line Feeds

Catalog #	Finish	Trac Type	Description
TCLF21WH	White	1-Circuit	In-Line Feed
TCLF21BL	Black		
TUCLF21WH	White	2-Circuit	In-Line Feed
TUCLF21BL	Black		

Dimensions

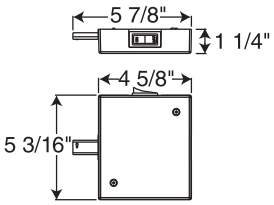


Trac-Lites

End Feed

Catalog #	Finish	Trac Type	Description
RCLF11WH	White	1-Circuit	End Feed
RCLF11BL	Black		

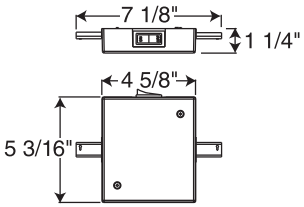
Dimensions



In-Line Feed

Catalog #	Finish	Trac Type	Description
RCLF21WH	White	1-Circuit	In-Line Feed
RCLF21BL	Black		

Dimensions



Current Limiting Circuit Breakers - Order Separately

Example: **TCLF11BL and TCL5BL**

Catalog #	Description	Wattage	Finish
TCL0.5	0.5A Current Limiting Circuit Breaker	60W	WH, BL
TCL1	1A Current Limiting Circuit Breaker	120W	WH, BL
TCL2	2A Current Limiting Circuit Breaker	240W	WH, BL
TCL3	3A Current Limiting Circuit Breaker	360W	WH, BL
TCL4	4A Current Limiting Circuit Breaker	480W	WH, BL
TCL5	5A Current Limiting Circuit Breaker	600W	WH, BL
TCL6	6A Current Limiting Circuit Breaker	720W	WH, BL
TCL7	7A Current Limiting Circuit Breaker	840W	WH, BL
TCL8	8A Current Limiting Circuit Breaker	960W	WH, BL
TCL9	9A Current Limiting Circuit Breaker	1080W	WH, BL
TCL10	10A Current Limiting Circuit Breaker	1200W	WH, BL
TCL12	12A Current Limiting Circuit Breaker	1440W	WH, BL
TCL14	14A Current Limiting Circuit Breaker	1680W	WH, BL

Light Control Accessories

The Juno complete range of light control accessories permit the designer to custom tailor effects.

		1 3/4" DIA.	COMPATIBLE WITH	2" DIA.	COMPATIBLE WITH
Accessory Holders					
Required for listed fixtures. Accepts one filter, lens, and louver except where noted.				**T7400BL** **T7400SA** Accepts up to 2 accessories	T227, T401, T630
UV Filters					
These museum quality lenses filter out ultraviolet radiation below 400 nanometers to protect fade sensitive art and objects.		**T5522**	T160, T161, T165, T196, T216, T290**, T291, T338**, T340**, T350, T406*, T430, T442, T443, T447, T480, T621, T696, T805, T807, T809, TP216, TP443	**T7422**	T252, T640*, T811*, T812*, T814*, T816*, T817*, T819*, T841*, T850*, T870*, T880*, T890*, TM141*, TM241*, XT16 Halogen Series, XT16 CMH Series and fixtures with T7400 Accessory Holder
Dichroic Color Correction Filters					
Color Correction Filters correct the light, either to warm it up to approximate incandescent, or cool it down to approximate daylight.	Halogen-to-Incandescent, 2700K	**T5518**		**T7418**	
	Halogen-to-Daylight, 4250K	**T5516**		**T7416**	
	HID-to-Incandescent for HID Lampholders			**T7419**	
Color Filters	**Colored Glass Filters**				
Color Filters change white light into colored light and are available in colored glass and more efficient/saturated dichroic filters.	Medium Pink	**T551**		**T741**	
	Warm Red			**T742**	
	Daylight Blue			**T743**	
	Medium Blue	**T553**		**T744**	
	Medium Amber	**T555**		**T745**	
	Medium Green			**T746**	
	Dichroic Glass Filters				
	Red	**T5501**		**T7401**	
	Medium Green	**T5503**		**T7403**	
	Medium Blue	**T5504**		**T7404**	
	Yellow	**T5505**		**T7405**	
	Magenta	**T5506**		**T7406**	
	Blue-Green (Cyan)	**T5511**		**T7411**	
Light Control Lenses					
These alter the light distribution of a given lamp, enlarging or elongating it, softening the beam edge or removing striations.	Uniformity Lens	**T5521**	T160, T165, T196, T216, T290**, T291, T338**, T340**, T350, T406, T430, T442, T443, T447, T480, T621, T696, T805, T807, T809, TP216, TP443	**T7421**	
	Diffusion Lens	**T5520**		**T7420**	
	Prismatic Spread Lens	**T557**		**T7477**	
	Linear Spread Lens	**T559**		**T7478**	
Louvers					
Hexcell and Cube Cell louvers reduce perceived fixture brightness.	Hexcell Louvers	**T5559BL**		**T7459BL**	
	Cube Cell Louvers				

* Simultaneously accepts any combination of up to two filters, lenses or louver.
** T338, T340 can accept 1 3/4" filters, lenses and louver standard and can also accept 4 11/16" filters, lenses and louver when combined with T570 Accessory Holder or T72 Barn Door accessory. T290 can accept 1 3/4" filters, lenses and louver standard and can also accept 3 3/4" filters, lenses and louver standard.

2 3/4" DIA.	COMPATIBLE WITH	3 3/4" DIA.	COMPATIBLE WITH	4 11/16" DIA.	COMPATIBLE WITH	5 1/2" DIA.	COMPATIBLE WITH
		T560BL	T303, T313, T326 T393, T423	**T570BL**	T305, T315, T327 T338**, T340**, T395, T425	**T580BL**	T307, T317, T328, T342, T397, T427
		T660BL	T218, T613, TP613	**T670BL**	T219, T305, T315, T327, T338**, T340**		
		T645MC-BL T645MC-SL T645MC-WH Accepts up to 2 accessories	T645	**TM538BL** Accepts up to 2 accessories	T404, TM104, TM404		
		T853MC Accepts up to 2 accessories	T853, T873, T883				
		T893MC Accepts up to 2 accessories	T893				
		TM530BL Accepts up to 2 accessories	T403, TM103, TM203				
T5922	T407*, T844*, TM107*, TM132, TM133, TM144*, TM154, TM155, TM207*, TM232, TM233, TM244*, TM254, TM255, TMP132, TMP133	**T5622**	T254*, T290**, T293, T295, T408*, T483, T845*, TM108*, TM113-TM118, TM145*, TM208*, TM213-TM218, TM245* and fixtures with T560, T645MC, T660, T853MC, T893MC or TM530 Accessory Holder	**T5722**	T255*, T292, T294, T368, T409*-T411*, T485, T487, T846*, TM109*, TM112*, TM146*, TM150*, TM151*, TM152*, TM209*-TM212*, TM246*, TM250*, TM251*, TM252* and fixtures with T570, T670 or TM538 Accessory Holder		T296 and fixtures with T580 Accessory Holder
T5918		**T5618**		**T5718**			
T5919		**T5619**		**T5719**			
T591		**T561**		**T571**		**T581**	
T592		**T562**		**T572**		**T582**	
T593		**T563**		**T573**		**T583**	
T594		**T564**		**T574**		**T584**	
T595		**T565**		**T575**		**T585**	
T596		**T566**		**T576**		**T586**	
T5921		**T5621**		**T5721**			
T597		**T5677**		**T5777**			
T598		**T5678**		**T5778**			
T5928BL			T218, T254*, T290**, T293, T295, T408*, T483, T845*, TM108*, TM113-TM118, TM145*, TM208*, TM213-TM218, TM245* and fixtures with T560, T645MC, T660, T853MC, T893MC or TM530 Accessory Holder		T219, T255*, T292, T294, T368, T409*-T411*, T485, T487, T846*, TM109*-TM112*, TM146*, TM150*, TM151*, TM152*, TM209*-TM212*, TM246*, TM250*, TM251*, TM252* and fixtures with T570, T670 or TM538 Accessory Holder		
		T569BL		**T579BL**		**T589BL**	

* Simultaneously accepts any combination of up to two filters, lenses or louver.
** T338, T340 can accept 1 3/4" filters, lenses and louver standard and can also accept 4 11/16" filters, lenses and louver when combined with T570 Accessory Holder or T72 Barn Door accessory. T290 can accept 1 3/4" filters, lenses and louver standard and can also accept 3 3/4" filters, lenses and louver standard.

Snoots and Eyebrows

Snoots and Eyebrows extend lamp shielding and can reduce spill light in the edge of a beam pattern.

	1 3/4" DIA.	COMPATIBLE WITH	2" DIA.	COMPATIBLE WITH
Snoot	**T558BL**	T216, TP216, T442, T480, T809		
Eyebrow	**T556BL**	T480, T611, T621, TP621, T809		

Barn Doors

Barn Doors create a theatrical look and allow control of the spill light coming off of a lamp.

	1 3/4" DIA.	COMPATIBLE WITH	2" DIA.	COMPATIBLE WITH
Barn Doors Does not require separate accessory holder except where noted.	**T74BL**	T216, TP216, T430, T431, T442, T480, T611, T621, TP621	**T7470BL** Also requires T7400 Accessory Holder	T401, T630

2 3/4" DIA.	COMPATIBLE WITH	3 3/4" DIA.	COMPATIBLE WITH	4 11/16" DIA.	COMPATIBLE WITH	5 1/2" DIA.	COMPATIBLE WITH
		T577BL	T218, T613, TP613	**T587BL**	T219, T487, T614, TP614, T624		
		T71BL Accepts 3 3/4" filters, lenses and louver	T303, T313, T326, T393, T423	**T72BL** Accepts 4 11/16" filters, lenses and louver	T305, T315, T327, T338**, T340**, T395, T425	**T73WH** **T73BL** Accepts 5 1/2" filters, lenses and louver	T307, T317, T328, T342, T397, T427
		TW71BL Accepts 3 3/4" filters, lenses and louver	T435	**TW72BL** Accepts 4 11/16" filters, lenses and louver	T437		
		TW75BL Accepts 3 3/4" filters, lenses and louver	T433				

** T338, T340 can accept 1 3/4" filters, lenses and louver standard and can also accept 4 11/16" filters, lenses and louver when combined with T570 Accessory Holder or T72 Barn Door accessory. T290 can accept 1 3/4" filters, lenses and louver standard and can also accept 3 3/4" filters, lenses and louver standard.

Trac-Lites™ | Low Voltage Halogen Spotlights

MR16 Rocket & Odyssey

Dynamic lighting effects at affordable prices, Juno Trac-Lites family of products features trac systems and kits in the most popular styles.

Quality features and pleasing forms combine to define affordable style for today's interiors.

Trac-Lites fixtures are compatible with all Juno Trac-Master trac systems and Trac-Master fixtures are compatible with Trac-Lites trac systems.

Low Voltage Halogen

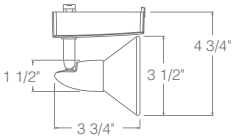
MR16 fixtures provide precise beam control and an intense, white light ideal for display and accent lighting. Select from a wide range of styles and finishes to complete your design.

Rocket

Catalog #	Finish	Lamp
R707WH	White	12V, 20-50W Halogen MR16CG
R707BL	Black	
R707SC	Satin Chrome	
R707BZ	Bronze	

Complete unit includes a miniature 12V, 50VA solid state electronic transformer. Requires 12V MR16 cover glass lamp except when used with T7400 Accessory Holder.

Dimensions

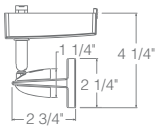


Odyssey

Catalog #	Finish	Lamp
R708WH	White	12V, 20-50W Halogen MR16
R708BL	Black	
R708SC	Satin Chrome	
R708BZ	Bronze	

Complete unit includes a miniature 12V, 50VA solid state electronic transformer. Accepts one 2" accessory.

Dimensions



Light Control Accessories

For Fixture:	*R707, R708*		
Dual Accessory Holder	**T7400SA, BL***	UV Filter	**T7422**
Dichroic Lenses	**T7401-18**	Prismatic Spread Lens	**T7477***
Color Correction Filter	**T741-6**	Linear Spread Lens	**T7478***
Diffuse Spread Lens	**T7420**	Hexcell Louver	**T7459BL**
Uniformity Lens	**T7421***		

* Only compatible with R707.

Trac-Lites™ | Low Voltage Halogen Spotlights

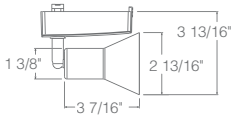
MR16 Flare, Bell, Funnel & Step Glass

Flare

Catalog #	Finish	Lamp
R709WH	White	12V, 20-50W Halogen MR16CG
R709BL	Black	
R709SC	Satin Chrome	
R709BZ	Bronze	

Complete unit includes a miniature 12V, 50VA solid state electronic transformer.
Requires 12V MR16 cover glass lamp except when used with
T7400 Accessory Holder.

Dimensions

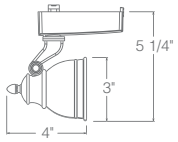


Bell

Catalog #	Finish	Lamp
R710WH	White	12V, 20-50W Halogen MR16CG
R710BL	Black	
R710SC	Satin Chrome	
R710BZ	Bronze	

Complete unit includes a miniature 12V, 50VA solid state electronic transformer.
Integral baffle and deep lamp regression for optimal lamp shielding.
Aiming locks help retain fixture position during relamping.
Requires 12V MR16 cover glass lamp.

Dimensions

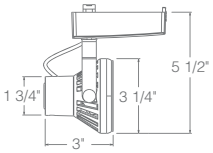


Funnel

Catalog #	Finish	Lamp
R703WH	White	12V, 20-50W Halogen MR16
R703BL	Black	
R703SL	Silver	
R703BZ	Bronze	

Complete unit includes a miniature 12V, 50VA solid state electronic transformer.
Integral step baffle and deep lamp regression for optimal lamp shielding.
Aiming locks help retain fixture position during relamping.
Accepts one 2" accessory.

Dimensions

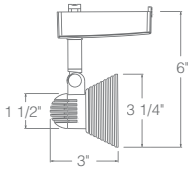


Step Glass

Catalog #	Finish	Lamp
R704WH	White	12V, 20-50W Halogen MR16CG
R704BL	Black	
R704SL	Silver	
R704BZ	Bronze	

Complete unit includes a miniature 12V, 50VA solid state electronic transformer.
Aiming locks help retain fixture position during relamping. Requires 12V MR16
cover glass lamp except when used with T7400 Accessory Holder.

Dimensions



Light Control Accessories

For Fixture:	*R703, R704, R709*
Dual Accessory Holder	**T7400SA, BL***
Dichroic Lenses	**T7401-18**
Color Correction Filters	**T741-6**
Diffuse Spread Lens	**T7420**
Uniformity Lens	**T7421**
UV Filter	**T7422**
Prismatic Spread Lens	**T7477**
Linear Spread Lens	**T7478**
Hexcell Louver	**T7459BL**

* Only compatible with R709.

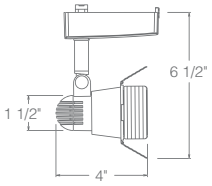
Trac-Lites™ | Low Voltage Halogen Spotlights
MR16 Barn Doors, Trumpet, Cylinder & Round Back

Barn Doors

Catalog #	Finish	Lamp
R705WH	White	12V, 20-50W Halogen MR16CG
R705BL	Black	
R705SL	Silver	
R705BZ	Bronze	

Complete unit includes a miniature 12V, 50VA solid state electronic transformer. Barn Doors painted to match fixture finish. Aiming locks help retain fixture position during relamping. Requires 12V MR16 cover glass lamp.

Dimensions

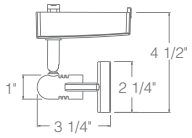


Trumpet

Catalog #	Finish	Lamp
R706WH	White	12V, 20-50W Halogen MR16
R706BL	Black	
R706SC	Satin Chrome	
R706BZ	Bronze	

Complete unit includes a miniature 12V, 50VA solid state electronic transformer.

Dimensions

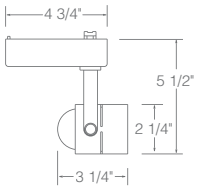


Cylinder

Catalog #	Finish	Lamp
R701WH	White	12V, 20-50W Halogen MR16
R701BL	Black	

Complete unit includes 12V, 50VA solid state electronic transformer. Aiming lock helps retain fixture position during relamping. Accepts one 2" accessory.

Dimensions

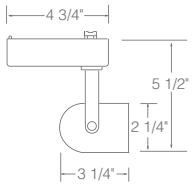


Round Back

Catalog #	Finish	Lamp
R702WH	White	12V, 20-50W Halogen MR16
R702BL	Black	
R702BZ	Bronze	

Complete unit includes 12V, 50VA solid state electronic transformer. Accepts one 1-3/4" accessory. With black bezel.

Dimensions



Light Control Accessories

For Fixture:	*R701*	*R702*
Dichroic Lenses	**T7401-18**	**T5501-18**
Color Correction Filters	**T741-6**	**T551-5**
Diffuse Spread Lens	**T7420**	**T5520**
Uniformity Lens	**T7421**	**T5521**
UV Filter	**T7422**	**T5522**
Prismatic Spread Lens	**T7477**	**T557**
Linear Spread Lens	**T7478**	**T559**
Hexcell Louver	**T7459BL**	**T5559BL**

Trac-Lites™ | Low Voltage Halogen Spotlights

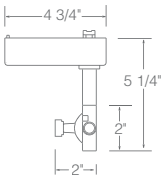
MR16 Gimbal Ring, Pinchback & Cast Cube

Gimbal Ring

Catalog #	Finish	Lamp
R731WH	White	12V, 20-50W Halogen MR16
R731BL	Black	
R731SL	Silver	
R731BZ	Bronze	

Complete unit includes 12V, 50VA solid state electronic transformer.
Aiming lock helps retain fixture position during relamping.
Accepts one 2" accessory.

Dimensions

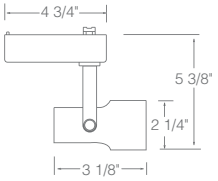


Pinchback

Catalog #	Finish	Lamp
R740WH	White	12V, 20-50W Halogen MR16
R740BL	Black	
R740BZ	Bronze	

Complete unit includes 12V, 50VA solid state electronic transformer.
Aiming lock helps retain fixture position during relamping.
Accepts one 2" accessory.

Dimensions

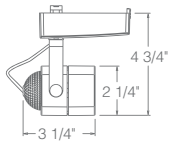


Cast Cube

Catalog #	Finish	Lamp
R741WH	White	12V, 20-50W Halogen MR16
R741BL	Black	
R741SC	Satin Chrome	
R741BZ	Bronze	

Complete unit includes a miniature 12V, 50VA solid state electronic transformer.
Aiming locks help retain fixture position during relamping.
Accepts one 2" accessory.

Dimensions



Light Control Accessories

For Fixture:	*R731, R740, R741*
Dichroic Lenses	**T7401-18**
Color Correction Filters	**T741-6**
Diffuse Spread Lens	**T7420**
Uniformity Lens	**T7421***
UV Filter	**T7422**
Prismatic Spread Lens	**T7477***
Linear Spread Lens	**T7478***
Hexcell Louver	**T7459BL**

* Not compatible with R741.

Trac-Lites™ | Line Voltage Spotlights

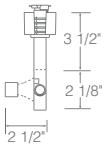
PAR16/MR16 GU10 Open Back, Round Back, Step Cylinder & Cast Cube

Open Back Spotlight

Catalog #	Finish	Lamp
R711WH	White	120V, 50W max. PAR16/MR16 GU10
R711BL	Black	

Aiming lock helps retain fixture position during relamping.

Dimensions

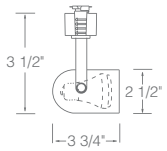


Round Back Cylinder

Catalog #	Finish	Lamp
R712WH	White	120V, 50W max. PAR16/MR16 GU10
R712BL	Black	

With black bezel.

Dimensions

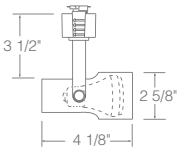


Step Cylinder

Catalog #	Finish	Lamp
R713WH	White	120V, 50W max. PAR16/MR16 GU10
R713BL	Black	

With black bezel.

Dimensions

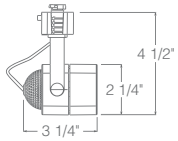


Cast Cube

Catalog #	Finish	Lamp
R714WH	White	12V, 50W max. MR16
R714BL	Black	
R714SC	Satin Chrome	
R714BZ	Bronze	

Aiming locks help retain fixture position during relamping.

Dimensions



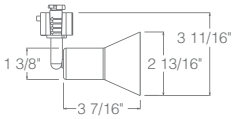
Trac-Lites™ | Line Voltage Spotlights

PAR16/MR16 GU10 Flare, Glass Cone, Odyssey & Bell

Flare

Catalog #	Finish	Lamp
R715WH	White	120V, 50W max. PAR16/MR16 GU10
R715BL	Black	
R715SC	Satin Chrome	
R715BZ	Bronze	

Dimensions

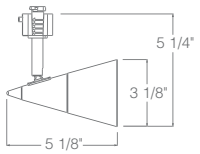


Glass Cone

Catalog #	Finish	Lamp
R716WH	White	120V, 50W max. PAR16/MR16 GU10
R716BL	Black	
R716SC	Satin Chrome	
R716BZ	Bronze	

White (WH), Black (BL), and Satin Chrome (SC) with Opal Frost glass, Painted Bronze (BZ) with Amber Frost glass

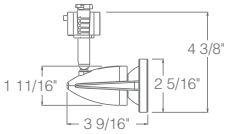
Dimensions



Odyssey

Catalog #	Finish	Lamp
R717WH	White	120V, 50W max. PAR16/MR16 GU10
R717BL	Black	
R717SC	Satin Chrome	
R717BZ	Bronze	

Dimensions

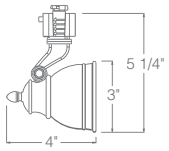


Bell

Catalog #	Finish	Lamp
R718WH	White	120V, 50W max. PAR16/MR16 GU10
R718BL	Black	
R718SC	Satin Chrome	
R718BZ	Bronze	

Integral baffle and deep lamp regression for optimal lamp shielding. Aiming locks help retain fixture position during relamping.

Dimensions

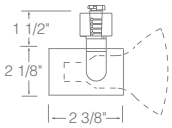


Universal

Simplicity and flexibility in a tight-to-the-trac design head the list of key features of the Trac-Lites™ Universal fixtures. Use PAR20 lamps for the smallest footprint or PAR30 lamps if more light is desired.

Catalog #	Finish	Lamp
R541WH	White	75W max. PAR20/PAR30
R541BL	Black	
R541SC	Satin Chrome	
R541BZ	Bronze	

Dimensions

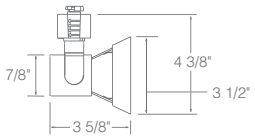


Flared Gimbals

A compact and contemporary appearance is dynamically achieved with the tight-to-the-trac Flared Gimbal series. The semi-exposed lamp design gives the fixture a lighter, open aesthetic, similar to traditional gimbal ring fixtures but with a little extra flare. Front relamping is a key feature of the Flared Gimbal series.

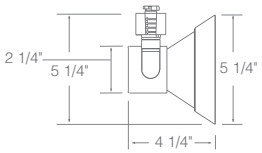
Catalog #	Finish	Lamp
R531WH	White	50W max. PAR20
R531BL	Black	
R531SC	Satin Chrome	
R531BZ	Bronze	

Dimensions



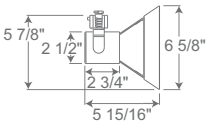
Catalog #	Finish	Lamp
R532WH	White	75W max. PAR30
R532BL	Black	
R532SC	Satin Chrome	
R532BZ	Bronze	

Dimensions



Catalog #	Finish	Lamp
R530WH	White	120W max. PAR38
R530BL	Black	
R530SC	Satin Chrome	
R530BZ	Bronze	

Dimensions



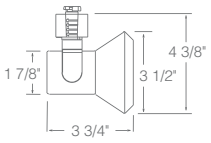
The product and system may be covered by the following patents: U.S. Patent D494,306; Canada Patent 2,947

Flared Steps

A compact and contemporary appearance is dynamically achieved with tight-to-the-trac Flared Step fixtures.
The enclosed lamp design entirely hides the lamp from view. Front relamping is a key feature of the Flared Step series.

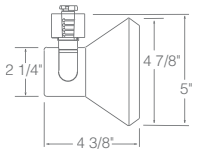
Catalog #	Finish	Lamp
R551WH	White	50W max. PAR20
R551BL	Black	
R551SC	Satin Chrome	
R551BZ	Bronze	

Dimensions



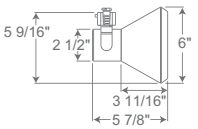
Catalog #	Finish	Lamp
R552WH	White	75W max. PAR30
R552BL	Black	
R552SC	Satin Chrome	
R552BZ	Bronze	

Dimensions



Catalog #	Finish	Lamp
R550WH	White	120W max. PAR38
R550BL	Black	
R550SC	Satin Chrome	
R550BZ	Bronze	

Dimensions



The product and system may be covered by the following patents: U.S. Patent D494,306; Canada Patent 2,947

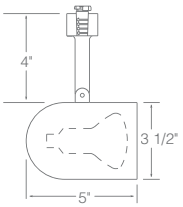
Round Back Cylinders

The timeless round back shape accepts a range of R, BR and PAR lamps and provides deep lamp shielding.

Catalog #	Finish	Lamp
R500WH	White	50W max. R20/PAR20
R500BL	Black	

Without Baffle

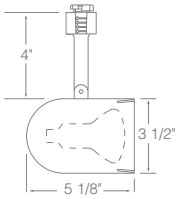
Dimensions



Catalog #	Finish	Lamp
R501W-WH	White	50W max. R20/PAR20
R501B-WH	White	
R501B-BL	Black	
R501B-PB	Polished Brass	
R501B-BZ	Bronze	

R501W - With White Baffle, R501B - With Black Baffle

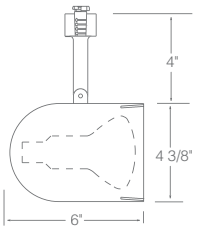
Dimensions



Catalog #	Finish	Lamp
R502W-WH	White	75W max. BR30/PAR30/PAR30L
R502B-WH	White	
R502B-BL	Black	
R502B-BZ	Bronze	

R502W - With White Baffle, R502B - With Black Baffle,
Short neck PAR30 requires T599 Socket Extender

Dimensions



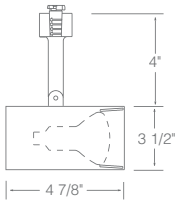
Flat Back Cylinders

These long-standing traditional lampholders accept a range of R, BR and PAR lamps and provide deep lamp shielding.

Catalog #	Finish	Lamp
R521W-WH	White	50W max. R20/PAR20

With White Baffle

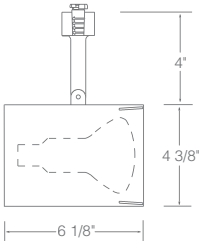
Dimensions



Catalog #	Finish	Lamp
R522W-WH	White	75W max. BR30/PAR30/PAR30L

With White Baffle, Short neck PAR30 requires T599 Socket Extender

Dimensions



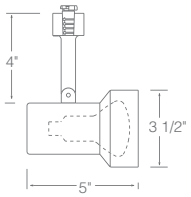
Step Cylinders

One of the original trac lampholder designs, Step Cylinders are still popular for more utilitarian applications. They accept a range of R, BR and PAR lamps and provide deep lamp shielding.

Catalog #	Finish	Lamp
R510WH	White	50W max. R20/PAR20
R510BL	Black	

Without Baffle

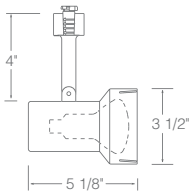
Dimensions



Catalog #	Finish	Lamp
R511W-WH	White	50W max. R20/PAR20
R511B-WH	White	
R511B-BL	Black	
R511B-PB	Polished Brass	

R511W - With White Baffle, R511B - With Black Baffle

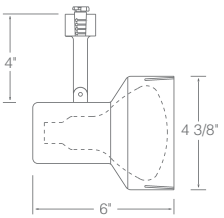
Dimensions



Catalog #	Finish	Lamp
R512W-WH	White	75W max. BR30/PAR30/PAR30L
R512B-WH	White	
R512B-BL	Black	

R512W - With White Baffle, R512B - With Black Baffle,
Short neck PAR30 requires T599 Socket Extender

Dimensions

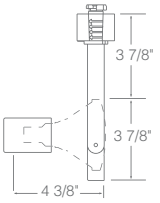


Open Back Spotlights

The most common and basic trac fixtures for retail applications, Open Back Spotlight fixtures are ideal where fixture economy is the primary fixture selection factor or PAR38 lamps are needed for longer throws. These fixtures are rear loading.

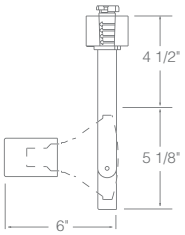
Catalog #	Finish	Lamp
R533WH	White	75W max. PAR30
R533BL	Black	

Dimensions



Catalog #	Finish	Lamp
R534WH	White	120W max. PAR38
R534BL	Black	

Dimensions



Decorative Pendants

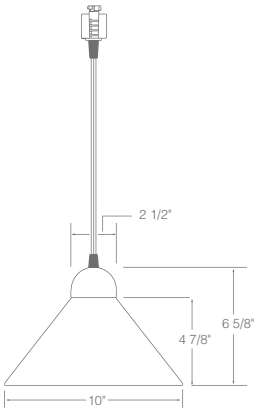
Glass pendants in both miniature low voltage and larger-scaled line voltage incandescent designs provide efficient task lighting over counters and tables while adding a decorative touch to interiors.

Line Voltage - Large Cone

Catalog #	Finish	Lamp
R560BU	Blue	60W A19 Max.
R560WH	White	

Complete unit includes 48" field adjustable pendant cord and blue or white glass cone shade. Includes on/off switch. Lamp supplied by others.

Dimensions

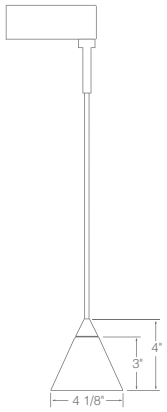


Low Voltage - Small Cone

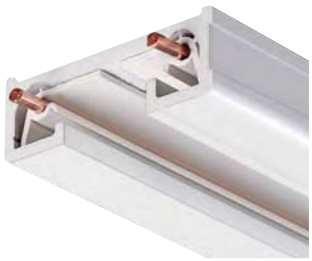
Catalog #	Finish	Lamp
R761BU	Blue	12V, 50W Max.
R761WH	White	T4 Halogen GY6.35
		Bi-Pin Capsule

Complete unit includes 12V, 50VA solid state electronic transformer, 48" field adjustable pendant cord, blue or white glass cone shade and 12V, 50W halogen lamp.

Dimensions



Trac Sections

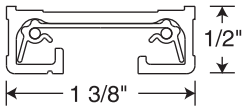


Features

- Low 1/2" profile fits snugly to ceiling
- Rigid extruded aluminum channel
- Standard solid 12 gauge copper conductors
- 20 Amp capacity
- Debossed polarity line provides visual alignment with fixture and connector polarity arrows
- One circuit only
- Dead end and mounting hardware included
- Can be cut to custom length by installer

Catalog #	Finish	Description
R2WH	White	**2' Trac**
R2BL	Black	19 7/8" actual length
R2NA	Natural	
R2SL	Silver	
R2BZ	Bronze	
R4WH	White	**4' Trac**
R4BL	Black	43 7/8" actual length
R4NA	Natural	
R4SL	Silver	
R4BZ	Bronze	
R6WH	White	**6' Trac**
R6BL	Black	67 7/8" actual length
R6NA	Natural	
R6SL	Silver	
R6BZ	Bronze	
R8WH	White	**8' Trac**
R8BL	Black	91 7/8" actual length
R8NA	Natural	
R8SL	Silver	
R8BZ	Bronze	

Dimensions

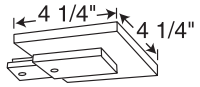


Electrical Feeds

End Feed Connector and Outlet Box Cover

Catalog #	Finish	Description
R21WH	White	• For outlet box feed
R21BL	Black	• Includes outlet box cover, fixture strap, and ground screw
R21SL	Silver	
R21BZ	Bronze	

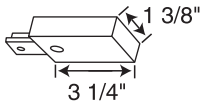
Dimensions



End Feed Connector

Catalog #	Finish	Description
R38WH	White	• Feeds Trac from above with Flex or BX
R38BL	Black	• Accepts standard 1/2" electrical connector
R38SL	Silver	
R38BZ	Bronze	

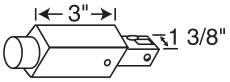
Dimensions



Conduit Feed

Catalog #	Finish	Description
R34WH	White	• For surface wiring using standard 1/2" electrical connector
R34BL	Black	
R34SL	Silver	
R34BZ	Bronze	

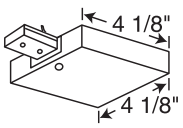
Dimensions



T-Bar End Feed

Catalog #	Finish	Description
R36WH	White	• Wiring compartment contains standard 1/2" K.O.'s
R36BL	Black	• Feeds Trac from above when T-Bar is directly above Trac
R36SL	Silver	
R36BZ	Bronze	

Dimensions

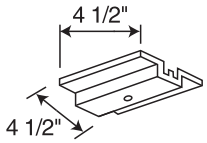


Electrical Feeds (cont)

Floating Electrical Feed

Catalog #	Finish	Description
R29WH	White	• Permits mounting at any point along Trac at outlet box
R29BL	Black	• Includes floating connector, outlet box cover, and Trac dead end
R29SL	Silver	
R29BZ	Bronze	

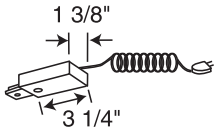
Dimensions



Cord and Plug Connector

Catalog #	Finish	Description
R22WH	White	• 15' 2-wire white cord
R22BL	Black	• Includes surface wire retainers and in-line switch
R22SL	Silver	• 7 Amp maximum
R22BZ	Bronze	• Not UL Rated
R122WH	White	• Same as above but with three wires and matching color cords
R122BL	Black	
R122SL	Silver	• No switch
R122BZ	Bronze	• 7 Amp maximum
		• Not UL Rated

Dimensions

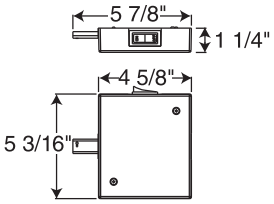


Current Limiting Feeds

End Feed

Catalog #	Finish	Trac Type	Description
RCLF11WH	White	1-Circuit	End Feed
RCLF11BL	Black		

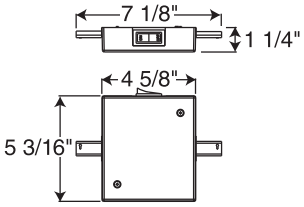
Dimensions



In-Line Feed

Catalog #	Finish	Trac Type	Description
RCLF21WH	White	1-Circuit	In-Line Feed
RCLF21BL	Black		

Dimensions



Current Limiting Circuit Breakers - Order Separately

Example: **RCLF11BL and TCL5BL**

Catalog #	Description	Wattage	Dimensions
TCL0.5	0.5A Current Limiting Circuit Breaker	60W	WH, BL
TCL1	1A Current Limiting Circuit Breaker	120W	WH, BL
TCL2	2A Current Limiting Circuit Breaker	240W	WH, BL
TCL3	3A Current Limiting Circuit Breaker	360W	WH, BL
TCL4	4A Current Limiting Circuit Breaker	480W	WH, BL
TCL5	5A Current Limiting Circuit Breaker	600W	WH, BL
TCL6	6A Current Limiting Circuit Breaker	720W	WH, BL
TCL7	7A Current Limiting Circuit Breaker	840W	WH, BL
TCL8	8A Current Limiting Circuit Breaker	960W	WH, BL
TCL9	9A Current Limiting Circuit Breaker	1080W	WH, BL
TCL10	10A Current Limiting Circuit Breaker	1200W	WH, BL
TCL12	12A Current Limiting Circuit Breaker	1440W	WH, BL
TCL14	14A Current Limiting Circuit Breaker	1680W	WH, BL

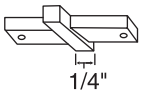
Connectors

Miniature
Straight Connector

Catalog #	Finish
R23WH	White
R23BL	Black
R23SL	Silver
R23BZ	Bronze

- Joins two Trac sections end to end

Dimensions



Flexible
Adjustable Joiner

Catalog #	Finish
R20WH	White
R20BL	Black
R20SL	Silver
R20BZ	Bronze

- Joins two Trac sections
- Can flex to 90° to the left, right, up or down

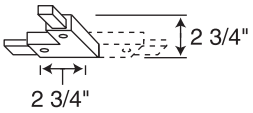
Dimensions

Adjustable Connector

Catalog #	Finish
R24WH	White
R24BL	Black
R24SL	Silver
R24BZ	Bronze

- Joins two Trac sections to make a 90° angle or straight run
- T27 required for junction box feed
- Straight and right angle covers supplied

Dimensions

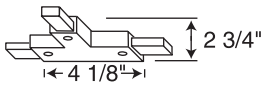


T Connector

Catalog #	Finish
R25WH	White
R25BL	Black
R25SL	Silver
R25BZ	Bronze

- Joins three Trac sections
- T27 required for junction box feed

Dimensions

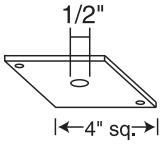


Outlet Box Cover

Catalog #	Finish
T27WH	White
T27BL	Black
T27SL	Silver
T27BZ	Bronze

- Use with R24 and R25 for outlet box electrical feed
- Includes nipple, locknut, and ground screw

Dimensions

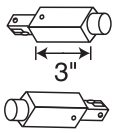


Trac Continuation Kit

Catalog #	Finish
R49WH	White
R49BL	Black
R49SL	Silver
R49BZ	Bronze

- Two conduit adapters (one left R34 and one right R34) to continue Trac run around or thru obstructions
- Use with standard 1/2" electrical connectors

Dimensions



Dead End

Catalog #	Finish
R28WH	White
R28BL	Black
R28SL	Silver
R28BZ	Bronze

- Only required when terminating extra field cut-off sections
- One supplied with Trac Section

Mounting Accessories

Pendant Stem kits enable the trac to be mounted at ideal heights, without having to lower the entire ceiling plane. Stems can be specified in a variety of different lengths and can be mounted for higher ceiling applications.

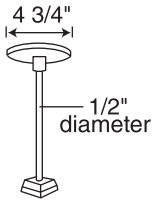
T-Bar Pendant Stem Kit

Catalog #	Finish
T90-12-WH	White
T90-12-BL	Black
T90-12-SL	Silver
T90-12-BZ	Bronze
T90-18-WH	White
T90-18-BL	Black
T90-18-SL	Silver
T90-18-BZ	Bronze
T90-24-WH	White
T90-24-BL	Black
T90-24-SL	Silver
T90-24-BZ	Bronze
T90-36-WH	White
T90-36-BL	Black
T90-36-SL	Silver
T90-36-BZ	Bronze
T90-48-WH	White
T90-48-BL	Black
T90-48-SL	Silver
T90-48-BZ	Bronze

Description

- Use two for 2', 4', or 6' Trac, or three for 8' Trac
- For electrical feed, order Wireway Cover T93
- Pendant Stems should not be used to support Trac-Lites Series Trac when used in conjunction with Trac-Master TBX Series Biax trac fixtures

Dimensions



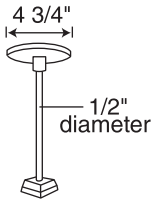
Rigid Ceiling
Pendant Stem Kit

Catalog #	Finish
T91-12-WH	White
T91-12-BL	Black
T91-12-SL	Silver
T91-12-BZ	Bronze
T91-18-WH	White
T91-18-BL	Black
T91-18-SL	Silver
T91-18-BZ	Bronze
T91-24-WH	White
T91-24-BL	Black
T91-24-SL	Silver
T91-24-BZ	Bronze
T91-36-WH	White
T91-36-BL	Black
T91-36-SL	Silver
T91-36-BZ	Bronze
T91-48-WH	White
T91-48-BL	Black
T91-48-SL	Silver
T91-48-BZ	Bronze

Description

- Use two for 2', 4', or 6' Trac, or three for 8' Trac
- For electrical feed, order Wireway Cover T93
- Pendant Stems should not be used to support Trac-Lites Series Trac when used in conjunction with Trac-Master TBX Series Biax trac fixtures

Dimensions



Pendant Stem
Threaded Coupling

Catalog #	Finish
T96WH	White
T96BL	Black
T96SL	Silver
T96BZ	Bronze

Description

- Enables multiple pendant stems to be joined for higher ceiling applications

Pendant Slope
Ceiling Adapter

Catalog #	Finish
T94WH	White
T94BL	Black
T94SL	Silver
T94BZ	Bronze

Description

- Permits pendant Trac stem to be hung vertically from sloped ceiling
- Use pendant kits (T90, T91)
- Will allow feeding of electrical wires to Trac at up to a 60° angle

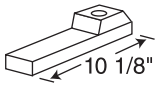
Mounting Accessories (cont)

Feed Wireway Cover

Catalog #	Finish
T93WH	White
T93BL	Black
T93SL	Silver
T93BZ	Bronze

Description
- Use one for each T90 or T91 when using stem for feeding Trac
- Feed at R38 or R24
- Conceals electrical feed wires from stem to Trac

Dimensions



T-Bar Attachment Clip

Catalog #
R37F
R37D
R37-9-16

Description
- To attach Trac to inverted tee ceiling
- Use two for 2′ or 4′ Trac or three for 6′ or 8′ Trac
- R37F T-Bar Clip is compatible with flush tile 15/16″ inverted T-Bar ceiling
- R37D T-Bar Clip is compatible with drop tile 15/16″ inverted T-Bar ceiling
- R37-9-16 T-Bar Clip is compatible with drop tile or flush tile 9/16″ inverted T-Bar ceiling

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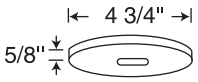
Monopoint - Line Voltage

Catalog #	Finish
R40WH	White
R40BL	Black
R40SL	Silver
R40BZ	Bronze

Description
- Accepts Juno 120V Trac fixtures
- Mounts directly to outlet box
- 4 3/4″ dia. and 5/8″ high

Dimensions

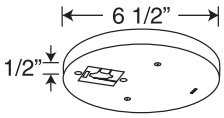


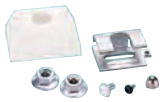
Monopoint - Low Voltage

Catalog #	Finish
R58WH	White
R58BL	Black
R58SL	Silver
R58BZ	Bronze

Description
- Accepts Juno 12V Trac-Lites™ low voltage trac fixtures and decorative pendants
- Mounts directly to outlet box
- 6 1/2″ dia. and 1/2″ high

Dimensions





Solid Rod Pendant Mounting Kit

Catalog #	Finish
T56WH	White
T56BL	Black
T56SL	Silver
T56BZ	Bronze

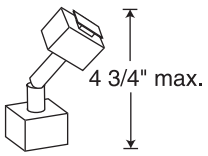
Description
- For 5/16″ Rod
- Attaches solid 5/16″ threaded rod to Trac
- Includes plastic cap, mounting bracket, and hardware
- Rod not supplied

Fixture Slope Ceiling Adapter

Catalog #	Finish
T95WH	White
T95BL	Black
T95SL	Silver
T95BZ	Bronze

Description
- Attaches to trac, permitting Juno Trac-Master and Trac-Lites fixtures to be hung vertically from sloped ceiling
- 90˚ maximum adjustment

Dimensions



Trac Kits

Packed to go. The most popular models supplied in simple-to-install pre-packaged kits. Lamps must be purchased separately unless specifically shown as included.

Line Voltage Step Cylinder Trac Kits

Catalog #	Finish	Description
R4K3551WH	White	• 50W max. PAR20 lamps • One 4' section of trac, floating feed, mounting hardware and three white flared step cylinder fixtures (R551WH)
R4K3512W-WH	White	• 75W max. BR30/PAR30L lamps • One 4' section of trac, floating feed and three white step cylinder fixtures with white baffles (R512W-WH)

Line Voltage Round Back Cylinder Trac Kits

Catalog #	Finish	Description
R2K2500WH	White	• 50W max. R20/PAR20 lamps • One 2' section of trac, floating feed and two white round back cylinder fixtures without baffles (R500WH)
R4K2501W-WH	White	• 50W max. R20/PAR20 lamps • Two 2' sections of trac, floating feed, mini connector and two white round back cylinder fixtures with white baffles (R501W-WH)
R4K3712WH	White	• 120V, 50W max. PAR16/MR16 GU10 lamps (included) • Two 2' sections of trac, floating feed, mini connector and three white round back cylinder fixtures with black bezels (R712WH)

Low Voltage Round Back Trac Kit

Catalog #	Finish	Description
R4K3702WH	White	• 12V, 50W max. MR16 halogen lamps • One 4' section of trac, floating feed and three white low voltage round back cylinder fixtures (R702WH)

Round Back Cylinder Monopoint Kits

Monopoint Kits consist of a permanently mounted, fully adjustable trac fixture mounted to a flat canopy.

Catalog #	Finish	Description
R1F501W-WH	White/White Baffle	• 50W max. R20/PAR20 lamp • 5 3/4" diameter canopy
R1F502W-WH	White/White Baffle	• 75W max. BR30/PAR30L lamp (Short neck PAR30 requires T599 socket extender) • 5 3/4" diameter canopy

Step Cylinder Monopoint Kit

Monopoint Kit consist of a permanently mounted, fully adjustable trac fixture mounted to a flat canopy.

Catalog #	Finish	Description
R1F512W-WH	White/White Baffle	• 75W max. BR30/PAR30L lamp (Short neck PAR30 requires T599 socket extender) • 5 3/4" diameter canopy

Light Bar Three Head Step Cylinder

Catalog #	Finish	Description
R3F511W-WH	White/White Baffle	• 50W max. R20/PAR20 lamp • 23" fixed position mounting bar with three step cylinders

Light Control Accessories

Accessory Holders

Required for listed fixtures. Accepts one filter, lens, and louver except where noted.

1 3/4" DIA.	COMPATIBLE WITH	2" DIA.	COMPATIBLE WITH
		T7400BL **T7400SA** Accepts up to 2 accessories	R704, R707, R709

Light Control Lenses

These alter the light distribution of a given lamp, enlarging or elongating it, softening the beam edge or removing striations.

	1 3/4" DIA.	COMPATIBLE WITH	2" DIA.	COMPATIBLE WITH
Uniformity Lens	**T5521**	R702	**T7421**	R701, R703, R708*, R731, R740, R741*, and fixtures with T7400 Accessory Holder
Diffusion Lens	**T5520**		**T7420**	
Prismatic Spread Lens	**T557**		**T7477**	
Linear Spread Lens	**T559**		**T7478**	

UV Filters

These museum quality lenses filter out ultraviolet radiation below 400 nanometers to protect fade sensitive art and objects.

	T5522		**T7422**	R701, R703, R708, R731, R740, R741, and fixtures with T7400 Accessory Holder

Dichroic Color Correction Filters

Color Correction Filters correct the light, either to warm it up to approximate incandescent, or cool it down to approximate daylight.

Halogen-to-Incandescent, 2700K	**T5518**		**T7418**	
Halogen-to-Daylight, 4250K	**T5516**		**T7416**	

Color Filters

Color Filters change white light into colored light and are available in colored glass and more efficient/saturated dichroic filters.

Colored Glass Filters				
Medium Pink	**T551**		**T741**	
Warm Red			**T742**	
Daylight Blue			**T743**	
Medium Blue	**T553**		**T744**	
Medium Amber	**T555**		**T745**	
Medium Green			**T746**	
Dichroic Glass Filters				
Red	**T5501**		**T7401**	
Medium Green	**T5503**		**T7403**	
Medium Blue	**T5504**		**T7404**	
Yellow	**T5505**		**T7405**	
Magenta	**T5506**		**T7406**	
Blue-Green (Cyan)	**T5511**		**T7411**	

Louvers

Hexcell louvers reduce perceived fixture brightness.

Hexcell Louvers	**T5559BL**		**T7459BL**	

* Compatible with Diffusion Lens only

Juno® MonoLine® Trac System

The Juno MonoLine family of line voltage trac products offers unprecedented levels of beauty, creativity, and functionality. Its graceful hand-bendable trac, stunning fixtures, and variety of light sources combine to serve a wide range of illumination needs with an elevated sense of style. Accent, wall wash, or task lighting … retail, commercial, or residential … no other trac system can match MonoLine for flexibility and artistic flair.

MonoLine Commercial Directionals
The Commercial Directional fixtures for MonoLine are a collection of beautifully crafted yet exceptionally rugged trac heads that are available with LED, ceramic metal halide (CMH), fluorescent or halogen light sources. They feature all-metal construction and durable satin-nickel finish.

MonoLine Designer Directionals
MonoLine Designer Directional fixtures have always been acclaimed for their contemporary good looks. Now, the existing fixture line has been joined by fashionable LED that add even more style and efficiency to the mix. Designer Directionals are beautifully finished in satin nickel or vintage bronze.

MonoLine Flexible Trac System
The graceful MonoLine trac system can be hand-bent to take on any desired shape or lighting design, providing the ultimate in mounting versatility.
It features top and bottom conductors to produce a profile that is ultra sleek, ultra smooth.
A comprehensive package of components and options includes power feeds, supports, joiners and a convenient bending tool for large installations or repetitive forms. The superb finishes include satin nickel or vintage bronze.

MonoLine Kits
MonoLine trac system kits contain everything you need for a complete line voltage installation. Starter kits can be coordinated with any of the MonoLine fixtures… simply select a fixture style; then choose your starter kit by trac length and finish. Whether you go with a starter kit or a complete kit that includes fixtures, just open the box and you are ready to install.

MonoLine® | LED Commercial Directionals
Cylindra™ & Wall Wash/Floods

Cylindra™ Directional LED

SP254MLL
19W LED Cylindra™

The compact Cylindra LED is an aesthetic masterpiece that offers unsurpassed performance and operating efficiencies. This 19-watt fixture provides brilliant illumination while reducing energy consumption by nearly 75% versus halogen equivalents. The LED driver is cleverly concealed within the housing to minimize the fixture profile. The Cylindra LED is offered in three beam spreads and four color temperatures, including high CRI and Enhanced Spectrum versions. Each fixture comes complete with an integral bayonet-mount accessory holder that is designed to accommodate up to two light control accessories.

Make product selections and build your model number

Model		Color Temperature	Color Rendering Index		Distribution		Finish	Example
SP254MLL	–	2	K	–	S	–	STN	SP254MLL-2K-S-STN

Color Temperature	Color Rendering Index	Distribution	Finish
2 2700K	**K** 85 CRI Typical	**S** 13° Spot	**STN** Satin Nickel
3 3000K	**HC**[1] 93 CRI Typical	**N** 28° Narrow Flood	
35 3500K	**E**[2] Enhanced Spectrum	**F** 45° Flood	
4 4000K			

[1] HC option available in 2700K & 3000K only
[2] Enhanced Spectrum available in 2700K, 3000K and 3500K only

TQJ252L
13W LED Cylindra™

The compact Cylindra LED is an aesthetic masterpiece that offers unsurpassed performance and operating efficiencies. TQJ252L is a 13-watt fixture that provides brilliant illumination while reducing energy consumption by about 80%. It is designed to operate with the MonoLine MLTQJL75 LED-Compatible Quick Jack Transformer Adapter (sold separately). It is offered in three beam spreads and four color temperatures, including high CRI versions. Each fixture comes complete with an integral bayonet-mount accessory holder that is designed to accommodate one light control accessory.

Make product selections and build your model number

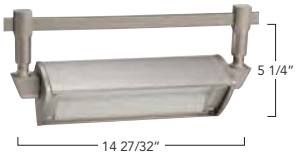
Model		Color Temperature	Color Rendering Index		Distribution		Finish	Example
TQJ252L	–	27	K	–	S	–	STN	TQJ252L-27K-S-STN

Color Temperature	Color Rendering Index	Distribution	Finish
27 2700K	**K** 80 CRI Minimum	**S** 15° Spot	**STN** Satin Nickel
3 3000K	**HC**[1] 90 CRI Minimum	**N** 27° Narrow Flood	
35 3500K		**F** 41° Flood	
4 4000K			

[1] HC option available in 2700K & 3000K only

Wall Wash/Flood LED

SW1ML-LED
35W Wall Wash/Flood



The SW1ML LED Wall Wash/Flood fixture offers high quality, brilliant white light along with substantial energy savings. It produces up to 2059 lumens from just 35 watts nominal, making it nearly as energy efficient as fixtures employing comparable CMH light sources. And with 50,000 hours of maintenance-free service, these LED fixtures are rated to operate 3-4 times longer than CMH. The powerful, uniform light output from these fixtures is available in 2700K, 3000K, 3500K and 4100K color temperatures. High CRI of 80 is typical, and outstanding color consistency is achieved by mixing the right combination of ANSI-binned LEDs. The slender, all-aluminum SW1ML features 90° vertical aiming in a low-profile housing that blends unobtrusively with the MonoLine trac system. It is enclosed with a slightly diffuse lens that helps shield the LEDs and optical components from dust and other contaminants.

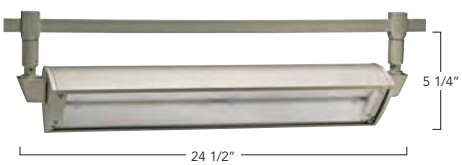
Make product selections and build your model number

Model		Color Temperature	Dimming Compatibility		Finish	Example
SW1ML-LED	–	2K	D	–	STN	SW1ML-LED-2KD-STN

Color Temperature	Dimming Compatibility	Finish
2K 2700K	**Blank** Not Dimmable	**STN** Satin Nickel
3K 3000K	**D** Dimmable	
35K 3500K		
41K 4000K		

SW2ML-LED
70W Wall Wash/Flood

The SW2ML LED Wall Wash/Flood fixture offers high quality, brilliant white light along with substantial energy savings. It produces up to 4125 lumens from just 70 watts nominal, making it nearly as energy efficient as fixtures employing comparable CMH light sources. And with 50,000 hours of maintenance-free service, these LED fixtures are rated to operate 3-4 times longer than CMH. The powerful, uniform light output from these fixtures is available in 2700K, 3000K, 3500K and 4100K color temperatures. High CRI of 80 is typical, and outstanding color consistency is achieved by mixing the right combination of ANSI-binned LEDs. The slender, all-aluminum SW2ML features 90° vertical aiming in a low-profile housing that blends unobtrusively with the MonoLine trac system. It is enclosed with a slightly diffuse lens that helps shield the LEDs and optical components from dust and other contaminants.



Make product selections and build your model number

Model		Color Temperature	Dimming Compatibility		Finish	Example
SW2ML-LED	–	2K	D	–	STN	SW2ML-LED-2KD-STN

Color Temperature	Dimming Compatibility	Finish
2K 2700K	**Blank** Not Dimmable	**STN** Satin Nickel
3K 3000K	**D** Dimmable	
35K 3500K		
41K 4000K		

CMH Directional Fixtures

SP207MLXP
PAR20 Conix®

The sculpted Conix PAR20 CMH fixture features deep lamp regression for reduced glare and optimum visual cut-off. An integral snap-in anti-glare shield/accessory holder accepts up to two light control accessories. Fixture rotation in two axes enables the fixture to be aimed in any direction.

Make product selections and build your model number

Model		Wattage		Finish	Example
SP207MLXP	–	20	–	STN	SP207MLXP-20-STN

20 20W
39 39W

STN Satin Nickel

SP232MLT4
T4, G8.5 Concentric Cylinder

The ultra-compact Concentric Cylinder T4/T4.5, G8.5 combines a simple aesthetic with premium performance. Available in spot, narrow flood and flood beam distributions, its computer-contoured faceted reflector is securely mounted to the lamp shroud for precise optical alignment with the lamp. The lamp shroud has a 1" deep integral step baffle for optimal shielding and brightness control. The detachable lamp shroud is easily removed for simplified fixture maintenance. The clear lens provided can be replaced with a variety of light control accessories for optimum beam control. Fixture rotation in two axes enables the fixture to be aimed in any direction.

Make product selections and build your model number

Model		Wattage		Distribution		Finish	Example
SP232MLT4	–	20	–	S	–	STN	SP232MLT4-20-S-STN

20 20W
39 39W
70 70W

S 10° Spot
N 23° Narrow Flood
F 32° Flood

STN Satin Nickel

SP233MLBT
BT-5 Concentric Cylinder

The ultra-compact Concentric Cylinder BT-5, PGJ5 combines a simple aesthetic with premium performance. Available in spot, narrow flood and flood beam distributions, its computer-contoured faceted reflector is securely mounted to the lamp shroud for precise optical alignment with the lamp. The lamp shroud has a 1" deep integral step baffle for optimal shielding and brightness control. The detachable lamp shroud is easily removed for simplified fixture maintenance. The clear lens provided can be replaced with a variety of light control accessories for optimum beam control. Fixture rotation in two axes enables the fixture to be aimed in any direction.

Make product selections and build your model number

Model		Wattage		Distribution		Finish	Example
SP233MLBT	–	20	–	S	–	STN	SP233MLBT-20-S-STN

20 20W
39 39W

S 10° Spot
N 20° Narrow Flood
F 28° Flood

STN Satin Nickel

CMH Directional Fixtures

SP241MLXM
MR16 Cylindra™

The Cylindra CMH MR16 fixture combines the energy efficiency of a CMH light source with the compact size of the MR16 lamp profile. The distinctive lamp design incorporates an integral cover glass lens and a convenient GX10 twist and lock base, making relamping effortless. Each fixture comes complete with an integral bayonet-mount accessory holder that is designed to accept up to two light control accessories for optimum beam control. Fixture rotation in two axes enables the fixture to be aimed in any direction.

Make product selections and build your model number

Model		Wattage		Finish	Example
SP241MLXM	–	**20**	–	**STN**	**SP241MLXM-20-STN**

20 20W
39 39W

STN Satin Nickel

SP244MLXP
PAR20 Cylindra™

The Cylindra PAR20 fixture features deep lamp regression for reduced glare and optimum visual cut-off. Each fixture comes complete with an integral bayonet-mount accessory holder that is designed to accept up to two light control accessories for optimum beam control. Fixture rotation in two axes enables the fixture to be aimed in any direction.

Make product selections and build your model number

Model		Wattage		Finish	Example
SP244MLXP	–	**20**	–	**STN**	**SP244MLXP-20-STN**

20 20W
39 39W

STN Satin Nickel

SP254MLT4
T4, GU6.5 Cylindra™

The petite Cylindra T4, GU6.5 fixture delivers unmatched optical performance thanks to its miniature T4 lamp and computer-contoured faceted custom reflectors. The T4 lamp is available in 3 different wattages and employs a convenient GU6.5 twist and lock base, making relamping quick and easy. The fixture front housing simply twists off to allow easy access to the lamp compartment. If desired, the factory-supplied clear lens can be replaced with one light control accessory for optimum beam control. Fixture rotation in two axes enables the fixture to be aimed in any direction.

Make product selections and build your model number

Model		Wattage		Distribution		Finish	Example
SP254MLT4	–	**20**	–	**S**	–	**STN**	**SP254MLT4-20-S-STN**

15 15W
20 20W
39 39W

S 13° Spot
N 25° Narrow Flood
F 38° Flood

STN Satin Nickel

SP255MLBT
BT-5/T3.5 Cylindra™

The petite Cylindra BT-5/T3.5 fixture delivers unmatched optical performance thanks to its miniature BT-5/T3.5 lamp and computer-contoured faceted custom reflectors. The BT-5/T3.5 lamp employs a convenient PGJ5 twist and lock base, making relamping quick and easy. The fixture front housing simply twists off to allow easy access to the lamp compartment. If desired, the factory-supplied clear lens can be replaced with one light control accessory for optimum beam control. Fixture rotation in two axes enables the fixture to be aimed in any direction.

Make product selections and build your model number

Model		Wattage		Distribution		Finish	Example
SP255MLBT	–	**20**	–	**S**	–	**STN**	**SP255MLBT-20-S-STN**

20 20W
39 39W

S 10° Spot
N 20° Narrow Flood
F 28° Flood

STN Satin Nickel

PAR Halogen Directional Fixtures

SP403MLP
PAR30 Pro-Gimbal

The Pro-Gimbal uses 35-75W PAR30 line voltage halogen lamps, relamps from the front and features deep lamp shielding with a baffled aperture. This versatile design can be easily accessorized with up to two light control accessories using an optional media cartridge (TM530BL). The MonoLine adapter design enables 360 degree plus rotation, eliminating aiming dead zones. Rotation and aiming can be locked into position using a standard Phillips screwdriver.

Make product selections and build your model number

Model		Finish	Example
SP403MLP	–	STN	SP403MLP-STN

STN Satin Nickel

SP407MLP
PAR20 Conix®

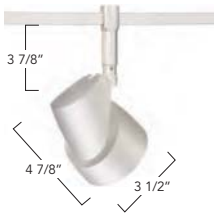
The sculpted Conix fixture uses 35-50W PAR20 line voltage halogen lamps and includes an integral snap-in anti-glare shield/accessory holder that accepts up to two light control accessories. The MonoLine adapter design enables 360 degree plus rotation, eliminating aiming dead zones. Rotation and aiming can be locked into position using a standard Phillips screwdriver.

Make product selections and build your model number

Model		Finish	Example
SP407MLP	–	STN	SP407MLP-STN

STN Satin Nickel

SP852MLP
PAR20 Facet®



Sweeping lines, arresting angles, and a brilliant lack of symmetry result in a totally unexpected design. Facet's socket housing morphs into a stem that is uniquely horizontal in nature. Concealed wiring completes the ultra-clean appearance. The MonoLine adapter design enables 360 degree plus rotation, eliminating aiming dead zones. The SP852MLP is designed for use with 35-50W PAR20 line voltage halogen lamps and features high-quality, die cast aluminum construction in attractive satin nickel finish.

Make product selections and build your model number

Model		Finish	Example
SP852MLP	–	STN	SP852MLP-STN

STN Satin Nickel

SP853MLP
PAR30 Facet®

Sweeping lines, arresting angles, and a brilliant lack of symmetry result in a totally unexpected design. Facet's socket housing morphs into a stem that is uniquely horizontal in nature. Concealed wiring completes the ultra-clean appearance. The MonoLine adapter design enables 360 degree plus rotation, eliminating aiming dead zones. The SP853MLP is designed for use with 35-75W PAR30 line voltage halogen lamps and features high-quality, die cast aluminum construction in attractive satin nickel finish. An optional bayonet-mount media cartridge is available (T853MC) that simultaneously accepts up to two light control accessories for optimum beam control.

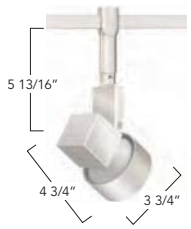
Make product selections and build your model number

Model		Finish	Example
SP853MLP	–	STN	SP853MLP-STN

STN Satin Nickel

PAR Halogen Directional Fixtures

SP892MLP
PAR20 Cubix®



The Cubix is a study of the visual relationship between two different geometric forms: the ring and the cube. In this design, the stem becomes a central element, forming a pleasing visual extension of the cube form. The playful personality of the Cubix is sure to add fun to any environment. Concealed wiring completes the ultra-clean appearance. The MonoLine adapter design enables 360 degree plus rotation, eliminating aiming dead zones. The SP892MLP is designed for use with 35-50W PAR20 line voltage halogen lamps and features high-quality, die cast aluminum construction in attractive satin nickel finish.

Make product selections and build your model number

Model		Finish	Example
SP892MLP	–	**STN**	**SP892MLP-STN**

STN Satin Nickel

SP893MLP
PAR30 Cubix®

The Cubix is a study of the visual relationship between two different geometric forms: the ring and the cube. In this design, the stem becomes a central element, forming a pleasing visual extension of the cube form. The playful personality of the Cubix is sure to add fun to any environment. Concealed wiring completes the ultra-clean appearance. The MonoLine adapter design enables 360 degree plus rotation, eliminating aiming dead zones. The SP893MLP is designed for use with 35-75W PAR30 line voltage halogen lamps and features high-quality, die cast aluminum construction in attractive satin nickel finish. An optional bayonet-mount media cartridge is available (T893MC) that simultaneously accepts up to two light control accessories for optimum beam control.

Make product selections and build your model number

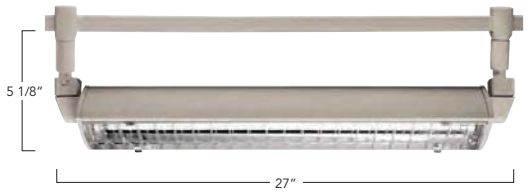
Model		Finish	Example
SP893MLP	–	**STN**	**SP893MLP-STN**

STN Satin Nickel

Fluorescent Wall Wash Fixture

SW5ML
T5HO Wall Washer

The SW5ML integrates the latest generation of ultra-compact, linear fluorescent lamps that offer 20,000-hour lamp life with exceptional lumen maintenance. A computer designed reflector maximizes optical efficiency and produces exceptional, uniform illumination of perimeter walls and displays. Its sleek profile is so shallow that it virtually blends in with the trac. The SW5ML features an electronic ballast for maximum energy efficiency and quiet operation. Each fixture includes an integral one-piece, snap-in metal louver which provides the perfect blend of brightness control, aesthetics and efficiency. An optional clear acrylic lamp containment lens/barrier is available for food service applications.



Make product selections and build your model number

Model		Wattage/Lamp		Finish	Example
SW5ML	–	**T524**	–	**STN**	**SW5ML-T524-STN**

T524 Two 24W, T5HO Fluorescent

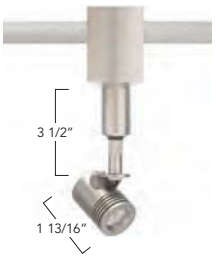
STN Satin Nickel

Accessory for SW5ML: T5L22CL Clear Acrylic Lens

MonoLine® | LED Designer Directionals
Quick Jack LED Spotlights

LED Directional Fixtures

TQJ114 Quick Jack LED Mini-Cylinder



The 6-watt Quick Jack LED Mini-Cylinder fixture produces as much as 200 usable lumens, illumination approximating 20 watt MR11 halogen…an energy savings of about 70%. The expected service life of 50,000 hours yields more than 10 years of maintenance-free operation in typical commercial applications. In lower-usage residential installations, they may never need replacement. Available in 2700K, 3000K and 4100K color temperatures with a typical 85 CRI, LED Mini-Cylinder fixtures offer precision machined aluminum and die cast aluminum construction. To operate on MonoLine line voltage trac, TQJ114 fixtures require the MLTQJL75 LED-Compatible Quick Jack Transformer Adapter (sold separately – see Transformer Adapters section).

Make product selections and build your model number

Model		Color Temperature		Distribution		Finish	Example
TQJ114	–	3K	–	NFL	–	STN	TQJ114-3K-NFL-STN

Color Temperature		Distribution		Finish	
2K	2700K	**SP**	16° Spot	**STN**	Satin Nickel
3K	3000K	**NFL**	22° Narrow Flood		
4K	4100K	**FL**	38° Flood		

SP992 Reno Quick Jack LED Spotlight

The 6-watt Quick Jack LED Reno fixture produces as much as 200 usable lumens, illumination approximating 20 watt MR11 halogen…an energy savings of about 70%. The expected service life of 50,000 hours yields more than 10 years of maintenance-free operation in typical commercial applications. In lower-usage residential installations, they may never need replacement. Available in 2700K, 3000K and 4100K color temperatures with a typical 85 CRI, Reno fixtures offer precision machined aluminum and die cast aluminum construction along with a unique perforated shade in a variety of colors to suit any environment. To operate on MonoLine line voltage trac, SP992 fixtures require the MLTQJL75 LED-Compatible Quick Jack Transformer Adapter (sold separately – see Transformer Adapters section).

Make product selections and build your model number

Model		Color Temperature	Distribution		Hardware Finish		Shade Finish	Example
SP992	–	2	S	–	STN	–	BLK	SP992-2S-STN-BLK

Color Temperature		Distribution		Hardware Finish		Shade Finish	
2	2700K	**S**	16° Spot	**STN**	Satin Nickel	**BLK**	Black
3	3000K	**N**	22° Narrow Flood			**BLU**	Blue
4	4100K	**F**	38° Flood			**CHR**	Chrome
						RED	Red
						YEL	Yellow

SP995 Vegas Quick Jack LED Spotlight

The 6-watt Quick Jack LED Vegas fixture produces as much as 200 usable lumens, illumination approximating 20 watt MR11 halogen…an energy savings of about 70%. The expected service life of 50,000 hours yields more than 10 years of maintenance-free operation in typical commercial applications. In lower-usage residential installations, they may never need replacement. Available in 2700K, 3000K and 4100K color temperatures with a typical 85 CRI, Vegas fixtures offer precision machined aluminum and die cast aluminum construction along with a sleek cylindrical glass or metal shade in a variety of colors and finishes to complement any décor. To operate on MonoLine line voltage trac, SP995 fixtures require the MLTQJL75 LED-Compatible Quick Jack Transformer Adapter (sold separately – see Transformer Adapters section).

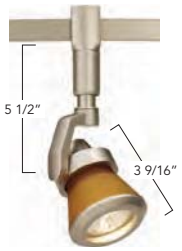
Make product selections and build your model number

Model		Color Temperature	Distribution		Hardware Finish		Shade Finish	Example
SP995	–	2	S	–	STN	–	AMB	SP995-2S-STN-AMB

Color Temperature		Distribution		Hardware Finish		Shade Finish	
2	2700K	**S**	16° Spot	**STN**	Satin Nickel	**AMB**	Amber
3	3000K	**N**	22° Narrow Flood			**BLU**	Blue
4	4100K	**F**	38° Flood			**CLR**	Clear
						FRT	Frost
						STN	Satin Nickel

GU10 MR16 Directional Fixtures

SP10MLU
Delta



Amber

Fully adjustable spot fixture with front accent shade. Shade is available in frosted glass or plated metal in a variety of color/finish choices. 120V, 50W max. GU10 MR16 halogen lamp (included).

Make product selections and build your model number

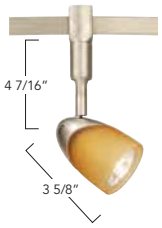
Model		Hardware Finish		Shade Finish	Example
SP10MLU	–	STN	–	AMB	SP10MLU-STN-AMB

Hardware Finish
- **BRZ** Vintage Bronze
- **STN** Satin Nickel

Shade Finish
- **AMB** Amber
- **BRZ** Vintage Bronze
- **FRT** Frost
- **STN** Satin Nickel

Vintage Bronze | Frost | Satin Nickel

SP11MLU
Supernova



Amber

Fully adjustable spot fixture with front accent shade. Shade is available in frosted glass with two color choices. 120V, 50W max. GU10 MR16 halogen lamp (included).

Make product selections and build your model number

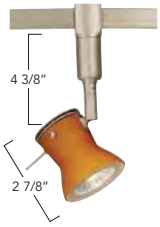
Model		Hardware Finish		Shade Finish	Example
SP11MLU	–	STN	–	AMB	SP11MLU-STN-AMB

Hardware Finish
- **BRZ** Vintage Bronze
- **STN** Satin Nickel

Shade Finish
- **AMB** Amber
- **FRT** Frost

Frost

SP12MLU
Phoenix



Amber

Fully adjustable spot fixture with front accent shade. Shade is available in frosted glass with three color choices. 120V, 50W max. GU10 MR16 halogen lamp (included).

Make product selections and build your model number

Model		Hardware Finish		Shade Finish	Example
SP12MLU	–	STN	–	AMB	SP12MLU-STN-AMB

Hardware Finish
- **BRZ** Vintage Bronze
- **STN** Satin Nickel

Shade Finish
- **AMB** Amber
- **OPL** Opal
- **RED** Red

Red | Opal

SP95MLU
Discovery

Satin Nickel

Fully adjustable spot fixture with front accent shade. Shade is available in clear or frosted glass or plated metal in a variety of color/finish choices. 120V, 50W max. GU10 MR16 halogen lamp (included).

Make product selections and build your model number

Model		Hardware Finish		Shade Finish	Example
SP95MLU	–	STN	–	STN	SP95MLU-STN-STN

Hardware Finish
- **BRZ** Vintage Bronze
- **STN** Satin Nickel

Shade Finish
- **AMB** Amber
- **BRZ** Vintage Bronze
- **CLR** Clear
- **FRT** Frost
- **STN** Satin Nickel

Amber | Vintage Bronze | Clear | Frost

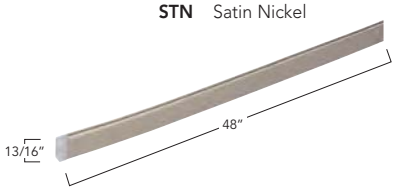
ML4 MonoLine 4 Foot Rail Section

Hand bendable aluminum core trac. Trac may be bent to a minimum radius of 18". 20 amp max. Two MLE End Caps included.

Make product selections and build your model number

Model		Hardware Finish	Example
ML4	–	STN	ML4-STN

BRZ Vintage Bronze
STN Satin Nickel



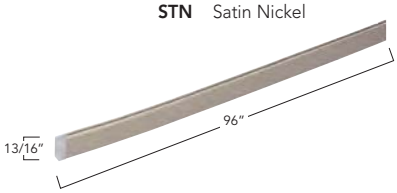
ML8 MonoLine 8 Foot Rail Section

Hand bendable aluminum core trac. Trac may be bent to a minimum radius of 18". 20 amp max. Two MLE End Caps included.

Make product selections and build your model number

Model		Hardware Finish	Example
ML8	–	STN	ML8-STN

BRZ Vintage Bronze
STN Satin Nickel



MLE MonoLine Standard End Caps (Set of 2)

Covers exposed conductor ends of MonoLine trac. Required when installing trac sections cut in the field.

Make product selections and build your model number

Model		Hardware Finish	Example
MLE	–	CLR	MLE-CLR

BRZ Vintage Bronze
CLR Clear

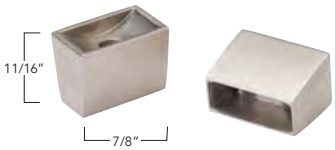
MLE2 MonoLine Decorative End Cap Covers (Set of 2)

Installs over MLE End Caps supplied with MonoLine trac to provide a more "finished" system aesthetic.

Make product selections and build your model number

Model		Hardware Finish	Example
MLE2	–	STN	MLE2-STN

BRZ Vintage Bronze
STN Satin Nickel



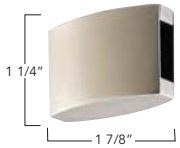
MLJ1 MonoLine Conductive Straight Joiner

Mechanically joins and electrically connects one trac section to another. 20 amp max. Adds 1/2" length between trac sections.

Make product selections and build your model number

Model		Hardware Finish	Example
MLJ1	–	STN	MLJ1-STN

BRZ Vintage Bronze
STN Satin Nickel



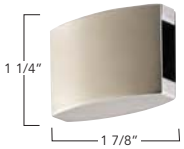
MLJ2 MonoLine Non-Conductive Straight Joiner

Mechanically joins one trac section to another without electrical connection. Adds 1/2" length between trac sections.

Make product selections and build your model number

Model		Hardware Finish	Example
MLJ2	–	STN	MLJ2-STN

BRZ Vintage Bronze
STN Satin Nickel



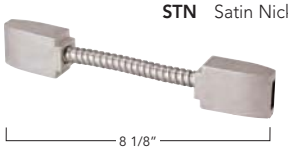
MLJ3 MonoLine Conductive Flexible Joiner

Mechanically joins and electrically connects two trac sections at various angles. 20 amp max.

Make product selections and build your model number

Model		Hardware Finish	Example
MLJ3	–	STN	MLJ3-STN

BRZ Vintage Bronze
STN Satin Nickel



MLJ4 MonoLine Conductive Hinged "L" Joiner

Adjusts from straight to 90° angle. Mechanically joins and electrically connects one trac section to another. 20 amp max.

Make product selections and build your model number

Model		Hardware Finish	Example
MLJ4	–	STN	MLJ4-STN

BRZ Vintage Bronze
STN Satin Nickel

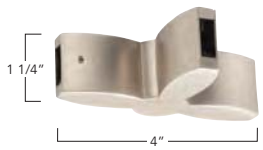
MLJ6 MonoLine Conductive "T" Joiner

Mechanically joins and electrically connects the junction of three trac sections to form a "T". 20 amp max. Adds approximately 1-1/2" length to each trac from intersection point.

Make product selections and build your model number

Model		Hardware Finish	Example
MLJ6	–	STN	MLJ6-STN

BRZ Vintage Bronze
STN Satin Nickel



MLS1 MonoLine Standard Stem Support for Rigid Ceilings

Supports MonoLine at standard 5" system height. Order RSE Support Extensions to increase length if necessary.

Make product selections and build your model number

Model		Hardware Finish	Example
MLS1	–	STN	MLS1-STN

BRZ Vintage Bronze
STN Satin Nickel

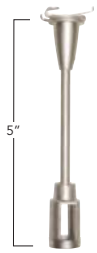
MLS2 MonoLine Standard Stem Support for T-Bar Ceilings

Supports MonoLine at standard 5" system height. Order RSE Support Extensions to increase length if necessary.

Make product selections and build your model number

Model		Hardware Finish	Example
MLS2	–	STN	MLS2-STN

BRZ Vintage Bronze
STN Satin Nickel



MLS3 MonoLine Cable Support

Single screw mounting to ceiling. 144" aircraft cable.
Easily adjusts with set screw.

Make product selections and build your model number

Model		Hardware Finish	Example
MLS3	–	STN	MLS3-STN

BRZ Vintage Bronze
STN Satin Nickel

MLS10 MonoLine Conductive Straight Joiner Support for Rigid Ceilings

Supports MonoLine at standard 5" system height. Mechanically joins and electrically connects one trac section to another. 20 amp max. Adds 1/2" length between trac sections. Order RSE Support Extensions to increase length if necessary.

Make product selections and build your model number

Model		Hardware Finish	Example
MLS10	–	STN	MLS10-STN

BRZ Vintage Bronze
STN Satin Nickel

MLS11 MonoLine Non-Conductive Straight Joiner Support for Rigid Ceilings

Supports MonoLine at standard 5" system height. Mechanically joins one trac section to another. Adds 1/2" length between trac sections. Order RSE Support Extensions to increase length if necessary.

Make product selections and build your model number

Model		Hardware Finish	Example
MLS11	–	STN	MLS11-STN

BRZ Vintage Bronze
STN Satin Nickel

MLS14 MonoLine Conductive Hinged "L" Joiner/Support

Supports MonoLine at standard 5" system height. Adjusts from straight to 90˚ angle. Mechanically joins and electrically connects one trac section to another. 20 amp max. Adds approximately 1-1/2" length to each trac from intersection point.

Make product selections and build your model number

Model		Hardware Finish	Example
MLS14	–	STN	MLS14-STN

BRZ Vintage Bronze
STN Satin Nickel

MLS16 MonoLine Conductive "T" Joiner/Support

Supports MonoLine at standard 5" system height. Mechanically joins and electrically connects at the junction of three trac sections to form a "T". 20 amp max. Adds approximately 1-1/2" length to each trac from intersection point.

Make product selections and build your model number

Model		Hardware Finish	Example
MLS16	–	STN	MLS16-STN

BRZ Vintage Bronze
STN Satin Nickel

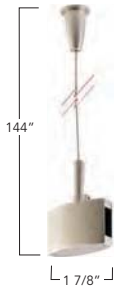
MLS30 MonoLine Conductive Straight Joiner Cable Support

Single screw mounting to ceiling. 144" aircraft cable. Mechanically joins and electrically connects one trac section to another. 20 amp max. Adds 1/2" length between trac sections. Height easily adjusts with set screw.

Make product selections and build your model number

Model		Hardware Finish	Example
MLS30	–	STN	MLS30-STN

BRZ Vintage Bronze
STN Satin Nickel



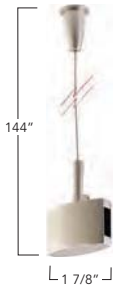
MLS31 MonoLine Non-Conductive Straight Joiner Cable Support

Single screw mounting to ceiling. 144" aircraft cable. Mechanically joins one trac section to another. Adds 1/2" length between trac sections. Height easily adjusts with set screw.

Make product selections and build your model number

Model		Hardware Finish	Example
MLS31	–	STN	MLS31-STN

BRZ Vintage Bronze
STN Satin Nickel



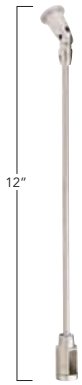
MLS50 MonoLine Sloped Ceiling Support

Enables MonoLine to suspend properly on a sloped ceiling. Standard length is 12". Order RSE Extensions to increase length if necessary. Custom lengths can be ordered pre-assembled – consult factory.

Make product selections and build your model number

Model		Hardware Finish	Example
MLS50	–	STN	MLS50-STN

BRZ Vintage Bronze
STN Satin Nickel



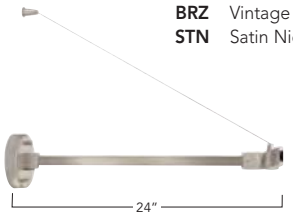
MLP165 MonoLine Conductive "L" Wall Feed

Supports and feeds MonoLine at standard 24" distance from wall. Adjusts from straight to 90° angle. Mechanically joins and electrically connects wall feed to trac section. Distance from wall may be shortened in the field if desired. Includes aircraft cable support and mounting hardware. 20 amp max. Adds approximately 1-1/2" length to trac from intersection point.

Make product selections and build your model number

Model		Hardware Finish	Example
MLP165	–	STN	MLP165-STN

BRZ Vintage Bronze
STN Satin Nickel



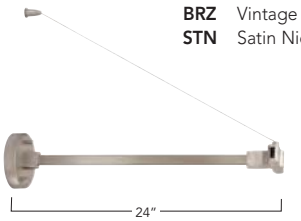
MLP166 MonoLine Conductive "T" Wall Feed

Supports and feeds MonoLine at standard 24" distance from wall. Mechanically joins and electrically connects wall feed to the junction of two trac sections to form a "T". Distance from wall may be shortened in the field if desired. Includes aircraft cable support and mounting hardware. 20 amp max. Adds approximately 1-1/2" length to trac from intersection point.

Make product selections and build your model number

Model		Hardware Finish	Example
MLP166	–	STN	MLP166-STN

BRZ Vintage Bronze
STN Satin Nickel



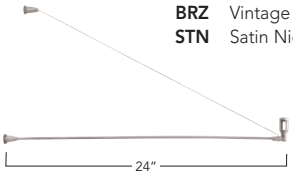
MLS61 MonoLine Wall Support

Supports MonoLine at standard 24" distance from wall. Distance from wall may be shortened in the field if desired. Includes aircraft cable support and mounting hardware.

Make product selections and build your model number

Model		Hardware Finish	Example
MLS61	–	STN	MLS61-STN

BRZ Vintage Bronze
STN Satin Nickel



MLS64 MonoLine Wall End Support

Supports MonoLine termination to a perpendicular wall.

Make product selections and build your model number

Model		Hardware Finish	Example
MLS64	–	STN	MLS64-STN

BRZ Vintage Bronze
STN Satin Nickel

MLP164 MonoLine End Power Feed

Mounts over junction box. Allows end feed from wall. 20 amp max.

Make product selections and build your model number

Model		Hardware Finish	Example
MLP164	–	STN	MLP164-STN

BRZ Vintage Bronze
STN Satin Nickel

MLP104 MonoLine 48" Floating Power Feed

Powers system at any point along the trac. Flexible cable shield protects wiring. Mounts over junction box. Length can be shortened in the field. 20 amp max.

Make product selections and build your model number

Model		Hardware Finish	Example
MLP104	–	STN	MLP104-STN

BRZ Vintage Bronze
STN Satin Nickel

MLP112 MonoLine 144" Floating Power Feed

Powers system at any point along the trac. Flexible cable shield protects wiring. Mounts over junction box. Length can be shortened in the field. 20 amp max.

Make product selections and build your model number

Model		Hardware Finish	Example
MLP112	–	STN	MLP112-STN

BRZ Vintage Bronze
STN Satin Nickel

MLP14x MonoLine Stem Power Feeds

Supports and feeds MonoLine trac at chosen offset. Mounts over junction box. Length can be shortened in the field. 20 amp max.

Make product selections and build your model number

Model		Hardware Finish	Example
MLP142	–	STN	MLP142-STN

MLP140 5" Stem
MLP142 12" Stem
MLP144 24" Stem
MLP146 36" Stem
MLP148 48" Stem

BRZ Vintage Bronze
STN Satin Nickel

MLP150 MonoLine 12" Sloped Ceiling Power Feed

Pivoting joint accommodates up to 30° ceiling pitch. Length can be shortened in the field. Supports and feeds MonoLine trac at 12" system height. Overall length can be extended to 48" max. Using MLF-EXT Power Feed Extensions.

Make product selections and build your model number

Model		Hardware Finish	Example
MLP150	–	STN	MLP150-STN

BRZ Vintage Bronze
STN Satin Nickel

MLP1J1 MonoLine Conductive Stem Mounted End Feeds

Supports and feeds MonoLine from end of trac. Height of stem is specifiable from 5" to 48" in defined lengths. Includes mounting canopy, stem and feed connector. 20 amp max. Adds approximately 1-1/2" length to trac from intersection point.

Make product selections and build your model number

Model		Hardware Finish	Example
MLP1J1-12	–	STN	MLP1J1-12-STN

MLP1J1-2 2" Stem
MLP1J1 5" Stem
MLP1J1-12 12" Stem
MLP1J1-24 24" Stem
MLP1J1-36 36" Stem
MLP1J1-48 48" Stem

BRZ Vintage Bronze
STN Satin Nickel

MLP1J4 MonoLine Conductive Stem Mounted Hinged "L" Joiner/Feeds

Supports, joins and feeds MonoLine at intersection of trac. Provides power to trac in both directions (same electrical circuit). Adjusts from straight to 90° angle. Height of stem is specifiable from 5" to 48" in defined lengths. Includes mounting canopy, stem and joiner/feed connector. 20 amp max. Adds approximately 1-1/2" length to each trac from intersection point.

Make product selections and build your model number

Model		Hardware Finish	Example
MLP1J4-12	–	STN	MLP1J4-12-STN

MLP1J4-2 2" Stem
MLP1J4 5" Stem
MLP1J4-12 12" Stem
MLP1J4-24 24" Stem
MLP1J4-36 36" Stem
MLP1J4-48 48" Stem

BRZ Vintage Bronze
STN Satin Nickel

MLTQJ75 MonoLine Quick Jack Transformer Adapter

12V, 75W electronic transformer. For all non-LED fixtures/pendants using the Quick Jack connector.

Make product selections and build your model number

Model		Hardware Finish	Example
MLTQJ75	–	STN	MLTQJ75-STN

BRZ Vintage Bronze
STN Satin Nickel

MLTQJL75 MonoLine LED-Compatible Quick Jack Transformer Adapter

12V, 60W electronic transformer. For all fixtures/pendants using the Quick Jack connector. LED-compatible.

Make product selections and build your model number

Model		Hardware Finish	Example
MLTQJL75	–	STN	MLTQJL75-STN

BRZ Vintage Bronze
STN Satin Nickel

RSE Support Extensions

Replaces shorter standard stems in MLS1, MLS2, MLS10, MLS11, MLS14, MLS16 and MLS50 Supports to increase trac displacement from ceiling. Length can be shortened in the field.

Make product selections and build your model number

Model		Hardware Finish	Example
RSE-12	–	STN	RSE-12-STN

RSE-12 12" Length
RSE-24 24" Length
RSE-36 36" Length
RSE-48 48" Length

BRZ Vintage Bronze
STN Satin Nickel

MLF-EXT Power Feed Extensions

Replaces standard stems in MLP142, MLP144, MLP146 and MLP148 Power Feeds to increase or reduce trac displacement from ceiling. Length can be shortened in the field.

Make product selections and build your model number

Model		Hardware Finish	Example
MLF-EXT12	–	STN	MLF-EXT12-STN

MLF-EXT12 8 1/2" Length
MLF-EXT24 20 1/2" Length
MLF-EXT36 32 1/2" Length
MLF-EXT48 44 1/2" Length

BRZ Vintage Bronze
STN Satin Nickel

JLG-B100 Portable Bending Machine

Portable bending machine for both MonoLine and Flex 12 flexible trac. MonoLine may be bent to a minimum radius of 18". Conveniently clamps to a rigid work surface and easily makes smooth, precise, reliable bends. Provided with a durable, hard-shell carrying case.

Model	Example
JLG-B100	JLG-B100

MonoLine® Starter Kits

MLKS1 4′ MonoLine Starter Kit

Contains one ML4 4′ MonoLine trac section with MLE End Caps, one MLP140 Standard Stem Power Feed and two MLS1 Standard Stem Supports. Fixtures not included. Power feed cannot be extended. Standard offset is 5″ from mounting surface to bottom of trac. MonoLine trac may be bent to a minimum radius of 18″.

Make product selections and build your model number

Model		Hardware Finish	Example
MLKS1	–	STN	MLKS1-STN

BRZ Vintage Bronze
STN Satin Nickel

MLKS2 8′ MonoLine Starter Kit

Contains two ML4 4′ MonoLine trac sections with MLE End Caps, one MLP140 Standard Stem Power Feed, two MLS1 Standard Stem Supports and one MLS10 Straight Joiner Support. Fixtures not included. Power feed cannot be extended. Standard offset is 5″ from mounting surface to bottom of trac. MonoLine trac may be bent to a minimum radius of 18″. MonoLine trac may be bent to a minimum radius of 18″.

Make product selections and build your model number

Model		Hardware Finish	Example
MLKS2	–	STN	MLKS2-STN

BRZ Vintage Bronze
STN Satin Nickel

MLKS3 12′ MonoLine Starter Kit

Contains three ML4 4′ MonoLine trac sections with MLE End Caps, one MLP140 Standard Stem Power Feed, two MLS1 Standard Stem Supports and two MLS10 Straight Joiner Supports. Fixtures not included. Power feed cannot be extended. Standard offset is 5″ from mounting surface to bottom of trac. MonoLine trac may be bent to a minimum radius of 18″.

Make product selections and build your model number

Model		Hardware Finish	Example
MLKS3	–	STN	MLKS3-STN

BRZ Vintage Bronze
STN Satin Nickel

MLKSA 4′ MonoLine Add-On Kit

Add four more feet to your current system or kit. Contains one ML4 4′ MonoLine trac section with MLE End Caps, one MLJ1 Straight Joiner and one MLS1 Standard Stem Support. Fixtures not included. MonoLine trac may be bent to a minimum radius of 18″.

Make product selections and build your model number

Model		Hardware Finish	Example
MLKSA	–	STN	MLKSA-STN

BRZ Vintage Bronze
STN Satin Nickel

MonoLine® Complete Kits

Amber

MLKD1 4′ Line Voltage 3 Light Kit with SP11 Fixtures

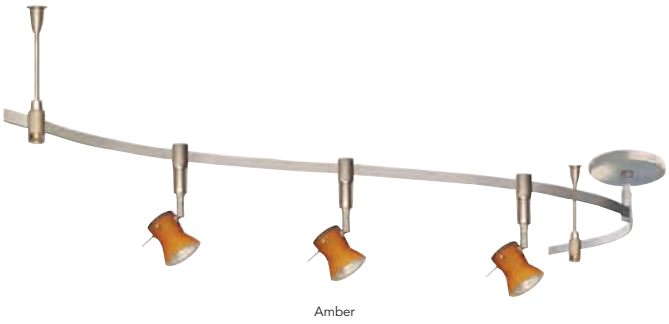
Line voltage bendable trac kit with one ML4 4′ MonoLine trac section with MLE End Caps, two MLS1 Standard Stem Supports, one MLP140 Standard Stem Power Feed, and three adjustable SP11 fixtures. Includes three 50W GU10 lamps. Power feed cannot be extended. Standard offset is 5″ from mounting surface to bottom of trac. MonoLine trac may be bent to a minimum radius of 18″.

Make product selections and build your model number

Model		Hardware Finish		Shade Finish	Example
MLKD1	–	STN	–	AMB	MLKD1-STN-AMB

BRZ Vintage Bronze
STN Satin Nickel
AMB Amber
FRT Frost

Frost



Amber

MLKD2 4′ Line Voltage 3 Light Kit with SP12 Fixtures

Line voltage bendable trac kit with one ML4 4′ MonoLine trac section with MLE End Caps, two MLS1 Standard Stem Supports, one MLP140 Standard Stem Power Feed, and three adjustable SP12 fixtures. Includes three 50W GU10 lamps. Power feed cannot be extended. Standard offset is 5″ from mounting surface to bottom of trac. MonoLine trac may be bent to a minimum radius of 18″.

Make product selections and build your model number

Model		Hardware Finish		Shade Finish	Example
MLKD2	–	STN	–	AMB	MLKD2-STN-AMB

BRZ Vintage Bronze
STN Satin Nickel
AMB Amber
OPL Opal

Opal

Amber

MLKD3 8′ Line Voltage 5 Light Kit with SP11 Fixtures

Line voltage bendable trac kit with two ML4 4′ MonoLine trac sections with MLE End Caps, two MLS1 Standard Stem Supports and one MLS10 Straight Joiner Support, one MLP140 Standard Stem Power Feed, and five adjustable SP11 fixtures. Includes five 50W GU10 lamps. Power feed cannot be extended. Standard offset is 5″ from mounting surface to bottom of trac. MonoLine trac may be bent to a minimum radius of 18″.

Make product selections and build your model number

Model		Hardware Finish		Shade Finish	Example
MLKD3	–	STN	–	AMB	MLKD3-STN-AMB

BRZ Vintage Bronze
STN Satin Nickel
AMB Amber
FRT Frost

Frost

Opal

MLKD4 8′ Line Voltage 5 Light Kit with SP12 Fixtures

Line voltage bendable trac kit with two ML4 4′ MonoLine trac sections with MLE End Caps, two MLS1 Standard Stem Supports and one MLS10 Straight Joiner Support, one MLP140 Standard Stem Power Feed, and five adjustable SP12 fixtures. Includes five 50W GU10 lamps. Power feed cannot be extended. Standard offset is 5″ from mounting surface to bottom of trac. MonoLine trac may be bent to a minimum radius of 18″.

Make product selections and build your model number

Model		Hardware Finish		Shade Finish	Example
MLKD4	–	STN	–	OPL	MLKD4-STN-OPL

BRZ Vintage Bronze
STN Satin Nickel
AMB Amber
OPL Opal

Amber

Media Cartridges

Required for listed fixtures to hold light control accessories.

	2" DIA.	COMPATIBLE WITH	2 3/4" DIA.	COMPATIBLE WITH	3 3/4" DIA.	COMPATIBLE WITH
					T853MC-BL Accepts up to 2 accessories	SP853MLP
					T893MC-BL Accepts up to 2 accessories	SP893MLP
					TM530BL Accepts up to 2 accessories	SP403MLP

Light Control Lenses

These alter the light distribution of a given lamp, enlarging or elongating it, softening the beam edge or removing striations.

	2" DIA.	COMPATIBLE WITH	2 3/4" DIA.	COMPATIBLE WITH	3 3/4" DIA.	COMPATIBLE WITH
Uniformity Lens	**T7421**	SP241MLXM TQJ252L	**T5921**	SP270MLP, SP232MLT4, SP233MLBT, SP244MLXP, SP254MLT4, SP255MLBT, SP407MLP	**T5621**	SP254MLL and fixtures with T853MC, T893MC or TM530 Accessory Holder
Diffusion Lens	**T7420**					
Prismatic Spread Lens	**T7477**		**T597**		**T5677**	
Linear Spread Lens	**T7478**		**T598**		**T5678**	

UV Filter

These museum quality lenses filter out ultra-violet radiation below 400 nanometers to protect fade sensitive art and objects.

	2" DIA.	COMPATIBLE WITH	2 3/4" DIA.	COMPATIBLE WITH	3 3/4" DIA.	COMPATIBLE WITH
	T7422		**T5922**		**T5622**	

Dichroic Color Correction Filters

Color Correction Filters correct the light, either to warm it up to approximate incandescent, or cool it down to approximate daylight.

	2" DIA.	COMPATIBLE WITH	2 3/4" DIA.	COMPATIBLE WITH	3 3/4" DIA.	COMPATIBLE WITH
Halogen-to-Incandescent, 2700K	**T7418**		**T5918**		**T5618**	
Halogen-to-Daylight, 4250K	**T7416**					
HID-to-Incandescent for HID Lampholders	**T7419**		**T5919**		**T5619**	

Color Filters

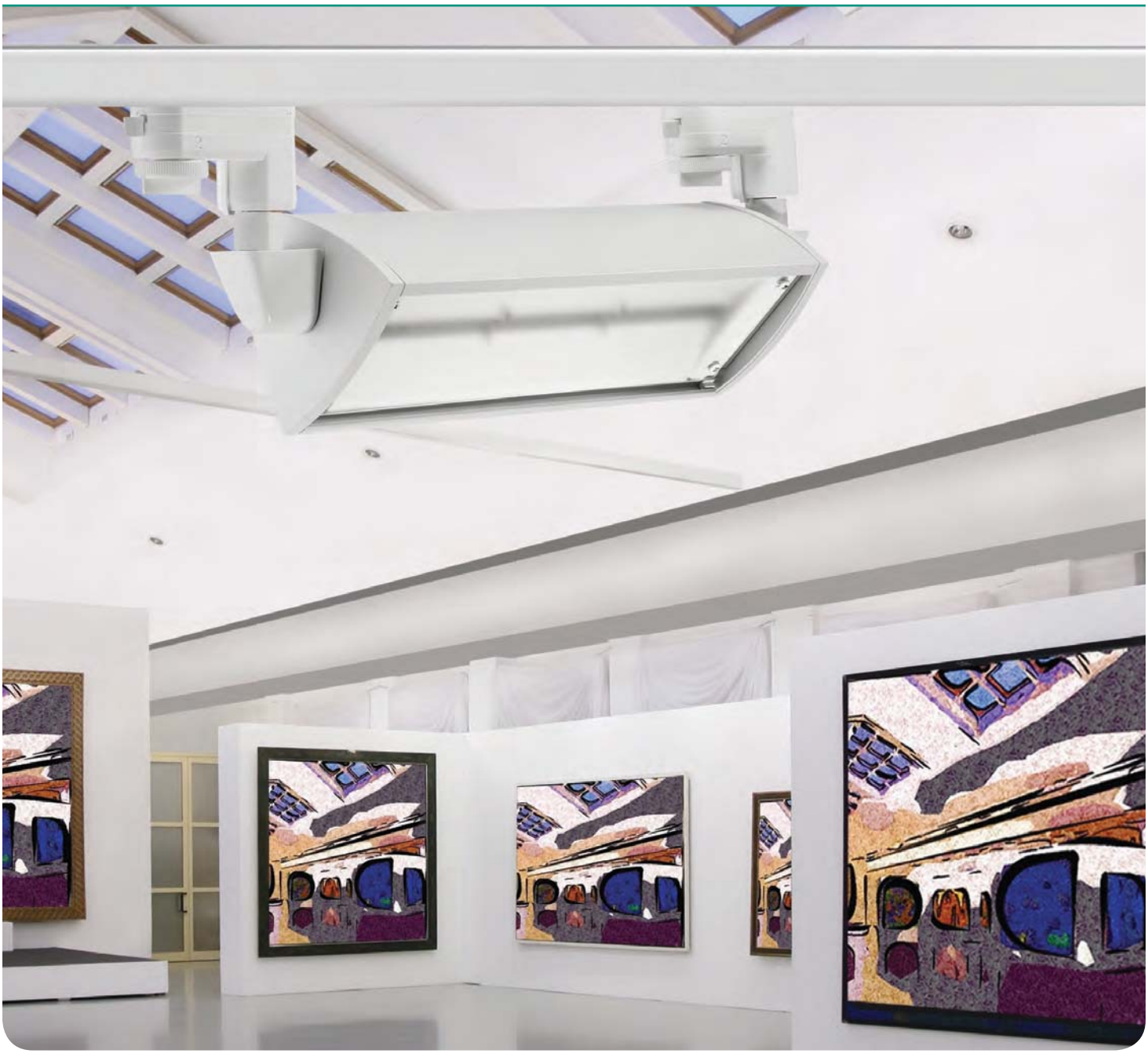
Color Filters change white light into colored light and are available in colored glass and more efficient/saturated dichroic filters.

	2" DIA.	COMPATIBLE WITH	2 3/4" DIA.	COMPATIBLE WITH	3 3/4" DIA.	COMPATIBLE WITH
Colored Glass Filters						
Medium Pink	**T741**		**T591**		**T561**	
Warm Red	**T742**		**T592**		**T562**	
Daylight Blue	**T743**		**T593**		**T563**	
Medium Blue	**T744**		**T594**		**T564**	
Medium Amber	**T745**		**T595**		**T565**	
Medium Green	**T746**		**T596**		**T566**	
Dichroic Glass Filters						
Red	**T7401**					
Medium Green	**T7403**					
Medium Blue	**T7404**					
Yellow	**T7405**					
Magenta	**T7406**					
Blue-Green (Cyan)	**T7411**					

Louvers

Hexcell and cube cell louvers reduce perceived fixture brightness.

	2" DIA.	COMPATIBLE WITH	2 3/4" DIA.	COMPATIBLE WITH	3 3/4" DIA.	COMPATIBLE WITH
Hexcell Louvers	**T7459BL**		**T5928BL**			
Cube Cell Louvers					**T569BL**	



Juno® HD Commercial Trac Lighting System

2-Circuit/2-Neutral

Superior performance for dimmed lighting, low life-cycle cost, and high power handling capability make the Juno HD Commercial Trac System an excellent choice.

This 2-circuit/2-neutral trac system is ideal for dimming intensive applications. The independent neutrals guarantee that the two circuits are completely isolated. The potential for cross-circuit interference and neutral harmonics is completely eliminated, essential for trouble-free dimming. The lack of harmonics ensures superior fixture performance and longer equipment life.

Juno HD Commercial Trac is engineered to be durable, dependable, and simple to install. The trac's extruded aluminum construction and continuously crimped conductors ensure mechanical strength and electrical reliability. The integral suspension rail and pre-drilled mounting holes of the trac simplify installation.

HD Commercial Trac | Trac System Components

120V, 2-Circuit/2-Neutral Trac System

Description

Juno HD Commercial 2-Circuit/2-Neutral Trac is ideal for dimming intensive applications. The independent neutrals guarantee that the two circuits are completely isolated. The potential for cross-circuit interference and neutral harmonics is completely eliminated to ensure trouble-free dimming. The HD Commercial 2-Circuit/2-Neutral Trac's extruded aluminum construction and continuously crimped conductors ensure mechanical strength and electrical reliability. Its integral suspension rail and pre-drilled mounting holes simplify installation. A wide variety of Juno trac fixtures may be specified for use with the HD Commercial Trac system.

Labels UL Listed • cUL Listed • Current Limiting Feeds approved by the California Energy Commission to meet requirements of Title 24 • Current Limiting Feeds comply with ASHRAE 90.1 and IECC Section 805.5.1.4 for trac current limiting.

Features

Construction Rugged, heavy gauge extruded aluminum channel • Integral polarity ridge ensures proper connector and fixture installation

Electrical Each circuit is rated for 20 Amp, 120 Volt operation • Trac extrusion serves as 100% capacity ground

Fixture Adapter Supplied with trac fixture • Integrally polarized construction to prevent reverse installation – only allows insertion in proper orientation • Rotary circuit selector enables simple switching between circuits • Integral on/off switch enables individual fixtures to be switched for servicing

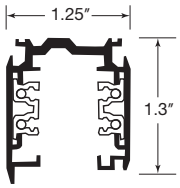
Installation May be installed in linear or grid configurations • Trac sections can be cut in the field

Mounting May be mounted directly to hard ceiling using suitable anchors (supplied by others) at pre-drilled mounting holes or using SKB10 Mounting Clip and integral suspension rail • May be mounted to T-bar ceiling using appropriate SKBT12 or SKBX12 Mounting Clips and integral suspension rail • Can also be suspended from ceilings using SPUS Pendant Stem Kits, SKB34 Cable Suspension Kits or 1/4"-20 threaded rod (by others) • Mounting points should be spaced no further than 4' apart and within 6" of any trac feed point, junction or end point.

Trac Sections

Catalog #	Finish	Description
TEK44-WH	White	4' Trac section.
TEK44-BL	Black	2-circuit, 120V, 48" length
TEK48-WH	White	8' Trac section.
TEK48-BL	Black	2-circuit, 120V, 96" length
TEK412-WH	White	12' Trac section.
TEK412-BL	Black	2-circuit, 120V, 144" length

Dimensions



Connectors

End Feed - Left Polarity

Catalog #	Finish	Description
TEK11-WH	White	Enables feeding of TEK Trac from top. Use as Conduit End Feed also.
TEK11-BL	Black	

End Feed - Right Polarity

Catalog #	Finish	Description
TEK12-WH	White	Enables feeding of TEK Trac from top. Use as Conduit End Feed also.
TEK12-BL	Black	

Center Feed

Catalog #	Finish	Description
TEK14-WH	White	Joins two TEK Trac sections in-line both electrically and mechanically. Enables feeding of TEK Trac from top at intersection.
TEK14-BL	Black	

Miniature Straight Connector

Catalog #	Finish	Description
TEK21-WH	White	Joins two TEK Trac sections in-line both electrically and mechanically.
TEK21-BL	Black	

Connectors

Current Limiting
End Feed - Left Polarity

Catalog #	Finish	Description
TEK11CL-WH	White	Enables feeding of TEK Trac from top. Requires one or two TEKCL Current Limiters to provide trac current limiting per national, state and local energy codes.
TEK11CL-BL	Black	

Current Limiting
End Feed - Right Polarity

Catalog #	Finish	Description
TEK12CL-WH	White	Enables feeding of TEK Trac from top. Requires one or two TEKCL Current Limiters to provide trac current limiting per national, state and local energy codes.
TEK12CL-BL	Black	

Plug-In Current Limiters

For use with TEK11CL or TEK12CL Current Limiting End Feeds

Catalog #	Finish	Description	Wattage
TCL0.5WH	White	0.5A Current Limiting Circuit Breaker	60W
TCL0.5BL	Black		
TCL1WH	White	1A Current Limiting Circuit Breaker	120W
TCL1BL	Black		
TCL2WH	White	2A Current Limiting Circuit Breaker	240W
TCL2BL	Black		
TCL3WH	White	3A Current Limiting Circuit Breaker	360W
TCL3BL	Black		
TCL4WH	White	4A Current Limiting Circuit Breaker	480W
TCL4BL	Black		
TCL5WH	White	5A Current Limiting Circuit Breaker	600W
TCL5BL	Black		
TCL6WH	White	6A Current Limiting Circuit Breaker	720W
TCL6BL	Black		
TCL7WH	White	7A Current Limiting Circuit Breaker	840W
TCL7BL	Black		
TCL8WH	White	8A Current Limiting Circuit Breaker	960W
TCL8BL	Black		
TCL9WH	White	9A Current Limiting Circuit Breaker	1080W
TCL9BL	Black		
TCL10WH	White	10A Current Limiting Circuit Breaker	1200W
TCL10BL	Black		
TCL12WH	White	12A Current Limiting Circuit Breaker	1440W
TCL12BL	Black		
TCL14WH	White	14A Current Limiting Circuit Breaker	1680W
TCL14BL	Black		

Adjustable Connector

Catalog #	Finish	Description
TEK24-WH	White	Capable of joining two TEK Trac sections at 90° to 180°. Ideal for applications where using an "L" connector is not practical; also useful for installing Trac around curved architectural details.
TEK24-BL	Black	

90° "L" Connector

Catalog #	Finish	Description
TEK34-WH	White	Joins TEK Trac sections to make a 90° angle with continued electrical feed. May be used to feed TEK Trac from top.
TEK34-BL	Black	

"X" Connector

Catalog #	Finish	Description
TEK38-WH	White	Joins four TEK Trac sections to make an "X" intersection with continued electrical feed. May be used to feed TEK Trac from top.
TEK38-BL	Black	

"T" Connector -
Adjustable Right Polarity

Catalog #	Finish	Description
TEK39-WH	White	Joins three TEK Trac sections to make a "T" intersection with continued electrical feed. May be used to feed TEK Trac from top.
TEK39-BL	Black	

"T" Connector -
Adjustable Left Polarity

Catalog #	Finish	Description
TEK40-WH	White	Joins three TEK Trac sections to make a "T" intersection with continued electrical feed. May be used to feed TEK Trac from top.
TEK40-BL	Black	

Connectors (cont)

Dead End

Catalog #	Finish	Description
TEK41-WH	White	Not supplied with TEK Trac sections – must be ordered separately.
TEK41-BL	Black	

Outlet Box Cover

Catalog #	Finish	Description
GES15-WH	White	Thermoplastic outlet box cover for use when feeding TEK Trac directly over outlet box using TEK11, TEK12, TEK14, TEK34, TEK38, TEK39 or TEK40.
GES15-BL	Black	

Accessories

Mounting Bracket

Catalog #	Finish	Description
SKB10-WH	White	For mounting trac direct to ceiling.
SKB10-BL	Black	

Mounting Bracket

Catalog #	Finish	Description
SKBT12-WH	White	For mounting trac to 15/16" flush tile T-bar ceiling.
SKBT12-BL	Black	

Mounting Bracket

Catalog #	Finish	Description
SKBX12-WH	White	For mounting trac to 15/16" drop tile recessed T-bar ceiling.
SKBX12-BL	Black	

Ceiling Cup Kit

Catalog #	Finish	Description
SKB30-WH	White	Use to suspend TEK Trac from the ceiling when using steel cable or threaded rod. Included bracket provides suspension attachment point and ceiling cup covers the bracket for an aesthetically pleasing result. Combine with SP4P and SKB34 or 1/4"-20 threaded rod (supplied by others) for a complete suspension solution.
SKB30-BL	Black	

Suspension Cable Kit

Catalog #	Length	Description
SKB34-5	5ft. cable	Use to suspend TEK Trac from the ceiling with supplied 5' or 9' steel cable. Includes cable and cable adjustment fitter. Combine with SP4P and SKB30 for a complete suspension solution.
SKB34-9	9ft. cable	

Mounting Stem Kit

Use to suspend TEK Trac from the ceiling. Combine with SP4E for feed points or SP4P for suspension-only points. Available in 12", 18", 24" and 48" lengths.

Catalog #	Finish	Description
SPUS12-WH	White	12" stem length
SPUS12-BL	Black	
SPUS18-WH	White	18" stem length
SPUS18-BL	Black	
SPUS24-WH	White	24" stem length
SPUS24-BL	Black	
SPUS48-WH	White	48" stem length
SPUS48-BL	Black	

Accessories (cont)

End Feed Stem Coupler

Catalog #	Finish	Description
SP4E-WH	White	Use with SPUS Stem Kit and TEK11 or TEK12 to suspend and feed TEK Trac at end.
SP4E-BL	Black	

Universal Suspension Coupler

Catalog #	Finish	Description
SP4P-WH	White	Use with SPUS Stem Kit or SKB34 Cable Kit or 1/4"-20 threaded rod (supplied by others) to suspend TEK Trac except at feed or connection points.
SP4P-BL	Black	

Trac Conductor Bending Tool

Catalog #	Description
XTSV12	All-in-one hand tool bends the trac conductors and measures the correct length to ensure proper electrical contact when trac sections are cut in the field.

TEK HD Commercial Trac Compatible Fixtures

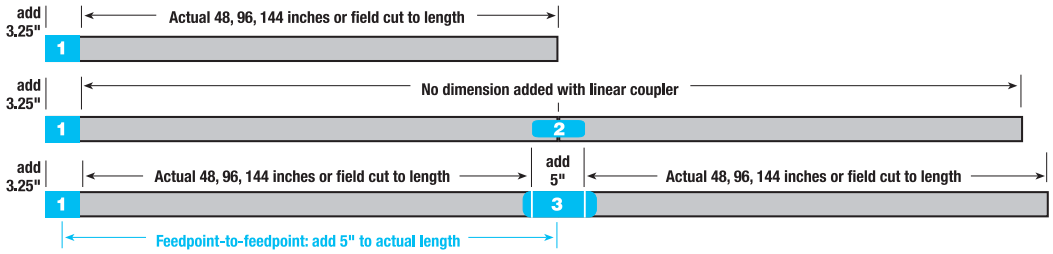
A variety of Juno trac fixture designs can be adapted to operate with the Juno TEK HD Commercial Trac system. Each fixture has a factory-assembled 2-circuit trac adapter that is uniquely keyed to the 120V HD Commercial Trac system. To order, simply replace the "T" prefix in the standard fixture catalog number with the "TEK" prefix and eliminate all dashes to indicate fixtures for use with the HD Commercial Trac system.

Compatible fixture families include (consult factory for additional choices):

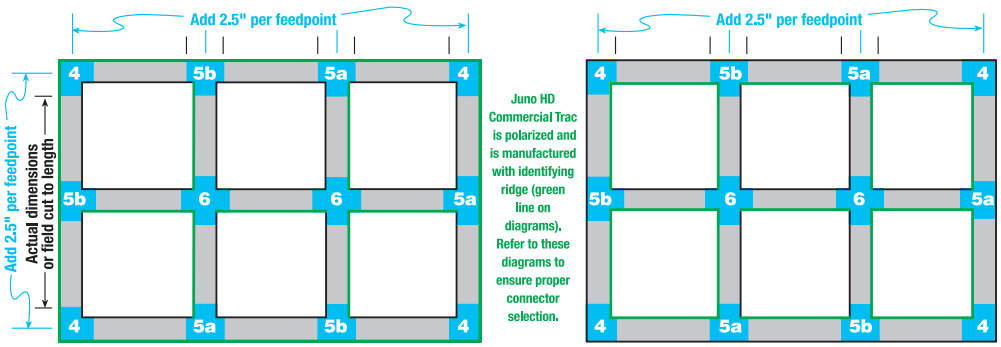
T209LED LED Conix
T218, T219 Delta 200 Series
T254L, T255LED LED Cylindra
T256LED, T257LED LED Flood/Wall Washers
T271L LED Arc
T292, T293, T294, T296 Studio II Series
T295 Theatrical Light
T308, T620 Universals
T338, T340, T350 Integral Transformer Low Voltage Spotlights
T362, T363, T368 Open Back Gimbals (Rear Loading)
T366, T367 Quartz Floods
T403, T404 Pro-Gimbals Series
T431, T433, T435, T437 Wireform Series
T5T T5HO Wall Washers
T635-9, T635-16 Trapezia Series
T687, T689, T690 Open Back Gimbals (Front Loading)
T691 Mini Swivel
T811, T812, T814, T816, T817, T819 Uno/Duo Series MR16
T831, T832, T834 Uno/Duo Series PAR30
T844, T845, T846 Cylindra Series
T852, T853, T858 Facet Series
T863, T868 Mamba Series
T872, T873, T878 Xanadu Series
TBX18, TBX39, TBX40 Biax Wall Washers
TM201 CMH Vertical Ballast Universal
TM202 CMH Vertical Ballast R-111 Swivel
TM203, TM204 CMH Vertical Ballast Pro-Gimbal
TM207, TM208, TM209 CMH Vertical Ballast Conix PAR
TM210, TM211, TM212 CMH Vertical Ballast Conix ED17
TM213, TM214, TM215 CMH Vertical Ballast Conix T6, G12
TM216, TM217, TM218 CMH Vertical Ballast Conix T4, G8.5
TM232 CMH Vertical Ballast Concentric Cylinder T4, G8.5
TM233 CMH Vertical Ballast Concentric Cylinder BT-5, PGJ5
TM241 CMH Vertical Ballast Cylindra MR16
TM244, TM245, TM246 CMH Vertical Ballast Cylindra PAR
TM250 CMH Vertical Ballast Cylindra ED17
TM251 CMH Vertical Ballast Cylindra T6, G12
TM252 CMH Vertical Ballast Cylindra T4, G8.5
TM254 CMH Vertical Ballast Cylindra T4, GU6.5
TM255 CMH Vertical Ballast Cylindra BT-5, PGJ5
TM256 CMH Vertical Ballast Flood/Wall Wash T6, G12
TM257 CMH Vertical Ballast Flood/Wall Wash T4, G8.5
TMBX26 Mini-Biax Wall Washer

Ordering Examples: **"T253LED-3K-NFL-WH"** becomes **"TEK253LED3KNFLWH"** and **"TM208-70EMH-WH"** becomes **"TEKM20870EMHWH"**

Possible Trac Configuration & Recommended Components



1. **TEK11** End Feed (left) - standard
   TEK12 End Feed (right)
   (used for conduit feed also)
2. **TEK21** Miniature Straight Connector
3. **TEK14** Center Feed



4. **TEK34** 90˚ "L" Connector
   (adjustable universal polarity)

5a. **TEK39** "T" Connector
   (adjustable right polarity)

5b. **TEK40** "T" Connector
   (adjustable left polarity)

6. **TEK38** "X" Connector

HD Commercial Trac | Trac System Components

277V, 2-Circuit/2-Neutral Trac System

Description

Juno HD Commercial 2-Circuit/2-Neutral Trac is ideal for dimming intensive applications. The independent neutrals guarantee that the two circuits are completely isolated. The potential for cross-circuit interference and neutral harmonics is completely eliminated to ensure trouble-free dimming. The HD Commercial 2-Circuit/2-Neutral Trac's extruded aluminum construction and continuously crimped conductors ensure mechanical strength and electrical reliability. Its integral suspension rail and pre-drilled mounting holes simplify installation. A wide variety of Juno trac fixtures may be specified for use with the HD Commercial Trac system.

Labels UL Listed • cUL Listed • Current Limiting Feeds approved by the California Energy Commission to meet requirements of Title 24 • Current Limiting Feeds comply with ASHRAE 90.1 and IECC Section 805.5.1.4 for trac current limiting.

Features

Construction Rugged, heavy gauge extruded aluminum channel • Integral polarity ridge ensures proper connector and fixture installation

Electrical Each circuit is rated for 20 Amp, 277 Volt operation • Trac extrusion serves as 100% capacity ground

Fixture Adapter Supplied with trac fixture • Integrally polarized construction to prevent reverse installation – only allows insertion in proper orientation • Rotary circuit selector enables simple switching between circuits • Integral on/off switch enables individual fixtures to be switched for servicing

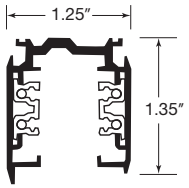
Installation May be installed in linear or grid configurations • Trac sections can be cut in the field

Mounting May be mounted directly to hard ceiling using suitable anchors (supplied by others) at pre-drilled mounting holes or using SKB10 Mounting Clip and integral suspension rail • May be mounted to T-bar ceiling using appropriate SKBT12 or SKBX12 Mounting Clips and integral suspension rail • Can also be suspended from ceilings using SPUS Pendant Stem Kits, SKB34 Cable Suspension Kits or 1/4"-20 threaded rod (by others) • Mounting points should be spaced no further than 4' apart and within 6" of any trac feed point, junction or end point.

Trac Sections

Catalog #	Finish	Description
HTEK44-WH	White	4' Trac section.
HTEK44-BL	Black	2-circuit, 277V, 48" length
HTEK48-WH	White	8' Trac section.
HTEK48-BL	Black	2-circuit, 277V, 96" length
HTEK412-WH	White	12' Trac section.
HTEK412-BL	Black	2-circuit, 277V, 144" length

Dimensions



Connectors

End Feed - Left Polarity

Catalog #	Finish	Description
HTEK11-WH	White	Enables feeding of HTEK Trac from top. Use as Conduit End Feed also.
HTEK11-BL	Black	

End Feed - Right Polarity

Catalog #	Finish	Description
HTEK12-WH	White	Enables feeding of HTEK Trac from top. Use as Conduit End Feed also.
HTEK12-BL	Black	

Center Feed

Catalog #	Finish	Description
HTEK14-WH	White	Joins two HTEK Trac sections in-line both electrically and mechanically. Enables feeding of HTEK Trac from top at intersection.
HTEK14-BL	Black	

Miniature Straight Connector

Catalog #	Finish	Description
HTEK21-WH	White	Joins two HTEK Trac sections in-line both electrically and mechanically.
HTEK21-BL	Black	

Connectors

Current Limiting
End Feed - Left Polarity

Catalog #	Finish	Description
HTEK11CL-WH	White	Enables feeding of HTEK Trac from top. Requires one or two HTEKCL Current Limiters to provide trac current limiting per national, state and local energy codes.
HTEK11CL-BL	Black	

Current Limiting
End Feed - Right Polarity

Catalog #	Finish	Description
HTEK12CL-WH	White	Enables feeding of HTEK Trac from top. Requires one or two HTEKCL Current Limiters to provide trac current limiting per national, state and local energy codes.
HTEK12CL-BL	Black	

Plug-In Current Limiters

For use with HTEK11CL or HTEK12CL Current Limiting End Feeds

Catalog #	Finish	Description	Wattage
HTCL0.25WH	White	0.25A Current Limiting Circuit Breaker	69W
HTCL0.25BL	Black		
HTCL0.5WH	White	0.5A Current Limiting Circuit Breaker	138W
HTCL0.5BL	Black		
HTCL0.75WH	White	0.75A Current Limiting Circuit Breaker	207W
HTCL0.75BL	Black		
HTCL1.00WH	White	1A Current Limiting Circuit Breaker	277W
HTCL1.00BL	Black		
HTCL2.50WH	White	2.5A Current Limiting Circuit Breaker	692W
HTCL2.50BL	Black		
HTCL5.00WH	White	5A Current Limiting Circuit Breaker	1385W
HTCL5.00BL	Black		
HTCL7.50WH	White	7.5A Current Limiting Circuit Breaker	2077W
HTCL7.50BL	Black		
HTCL10.0WH	White	10A Current Limiting Circuit Breaker	2770W
HTCL10.0BL	Black		
HTCL15.0WH	White	15A Current Limiting Circuit Breaker	4155W
HTCL15.0BL	Black		

Adjustable Connector

Catalog #	Finish	Description
HTEK24-WH	White	Capable of joining two HTEK Trac sections at 90° to 180°. Ideal for applications where using an "L" connector is not practical; also useful for installing Trac around curved architectural details.
HTEK24-BL	Black	

90° "L" Connector

Catalog #	Finish	Description
HTEK34-WH	White	Joins HTEK Trac sections to make a 90° angle with continued electrical feed. May be used to feed HTEK Trac from top.
HTEK34-BL	Black	

"X" Connector

Catalog #	Finish	Description
HTEK38-WH	White	Joins four HTEK Trac sections to make an "X" intersection with continued electrical feed. May be used to feed HTEK Trac from top.
HTEK38-BL	Black	

"T" Connector -
Adjustable Right Polarity

Catalog #	Finish	Description
HTEK39-WH	White	Joins three HTEK Trac sections to make a "T" intersection with continued electrical feed. May be used to feed HTEK Trac from top.
HTEK39-BL	Black	

"T" Connector -
Adjustable Left Polarity

Catalog #	Finish	Description
HTEK40-WH	White	Joins three HTEK Trac sections to make a "T" intersection with continued electrical feed. May be used to feed HTEK Trac from top.
HTEK40-BL	Black	

Connectors (cont)

Dead End

Catalog #	Finish	Description
HTEK41-WH	White	Not supplied with HTEK Trac sections – must be ordered separately.
HTEK41-BL	Black	

Outlet Box Cover

Catalog #	Finish	Description
GES15-WH	White	Thermoplastic outlet box cover for use when feeding HTEK Trac directly over outlet box using HTEK11, HTEK12, HTEK14, HTEK34, HTEK38, HTEK39 or HTEK40.
GES15-BL	Black	

Accessories

Mounting Bracket

Catalog #	Finish	Description
SKB10-WH	White	For mounting trac direct to ceiling.
SKB10-BL	Black	

Mounting Bracket

Catalog #	Finish	Description
SKBT12-WH	White	For mounting trac to 15/16" flush tile T-bar ceiling.
SKBT12-BL	Black	

Mounting Bracket

Catalog #	Finish	Description
SKBX12-WH	White	For mounting trac to 15/16" drop tile recessed T-bar ceiling.
SKBX12-BL	Black	

Ceiling Cup Kit

Catalog #	Finish	Description
SKB30-WH	White	Use to suspend HTEK Trac from the ceiling when using steel cable or threaded rod. Included bracket provides suspension attachment point and ceiling cup covers the bracket for an aesthetically pleasing result. Combine with SP4P and SKB34 or 1/4"-20 threaded rod (supplied by others) for a complete suspension solution.
SKB30-BL	Black	

Suspension Cable Kit

Catalog #	Length	Description
SKB34-5	5ft. cable	Use to suspend HTEK Trac from the ceiling with supplied 5' or 9' steel cable. Includes cable and cable adjustment fitter. Combine with SP4P and SKB30 for a complete suspension solution.
SKB34-9	9ft. cable	

Mounting Stem Kit

Use to suspend HTEK Trac from the ceiling. Combine with SP4E for feed points or SP4P for suspension-only points. Available in 12", 18", 24" and 48" lengths.

Catalog #	Finish	Description
SPUS12-WH	White	12" stem length
SPUS12-BL	Black	
SPUS18-WH	White	18" stem length
SPUS18-BL	Black	
SPUS24-WH	White	24" stem length
SPUS24-BL	Black	
SPUS48-WH	White	48" stem length
SPUS48-BL	Black	

Accessories (cont)

End Feed Stem Coupler

Catalog #	Finish	Description
SP4E-WH	White	Use with SPUS Stem Kit and HTEK11 or HTEK12 to suspend and feed HTEK Trac at end.
SP4E-BL	Black	

Universal Suspension Coupler

Catalog #	Finish	Description
SP4P-WH	White	Use with SPUS Stem Kit or SKB34 Cable Kit or 1/4"-20 threaded rod (supplied by others) to suspend HTEK Trac except at feed or connection points.
SP4P-BL	Black	

Trac Conductor Bending Tool

Catalog #	Description
XTSV12	All-in-one hand tool bends the trac conductors and measures the correct length to ensure proper electrical contact when trac sections are cut in the field.

HTEK HD Commercial Trac Compatible Fixtures

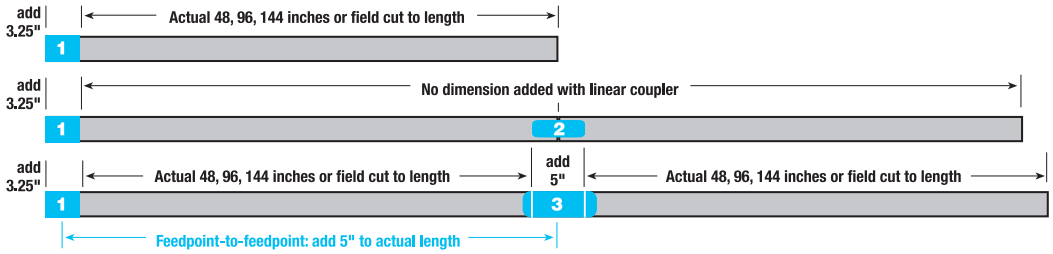
A variety of Juno trac fixture designs can be adapted to operate with the Juno HTEK HD Commercial Trac system. Each fixture has a factory-assembled 2-circuit trac adapter that is uniquely keyed to the 277V HD Commercial Trac system. To order, simply replace the "T" prefix in the standard fixture catalog number with the "HTEK" prefix and eliminate all dashes to indicate fixtures for use with the HD Commercial Trac system.

Compatible fixture families include (consult factory for additional choices):

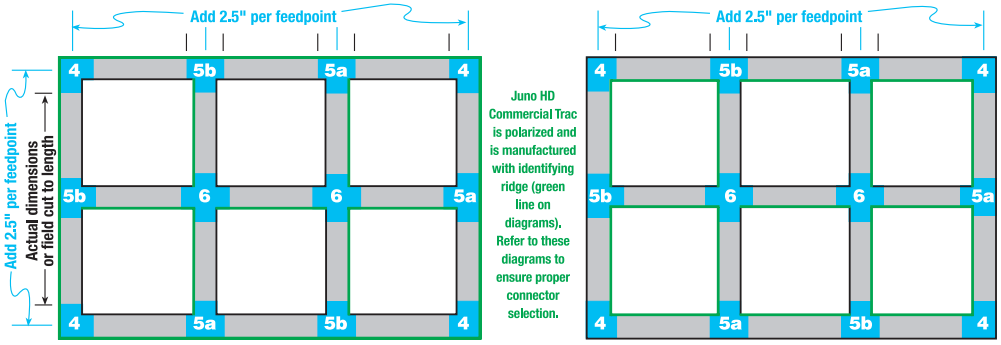
T209LED LED Conix
T255LED LED Cylindra
T256LED, T257LED LED Flood/Wall Washers
T5T T5HO Wall Washers
TBX18 Biax Wall Washers
TM201 CMH Vertical Ballast Universal (39W & 70W only)
TM202 CMH Vertical Ballast R-111 Swivel (39W & 70W only)
TM203 CMH Vertical Ballast Pro-Gimbal
TM204 CMH Vertical Ballast Pro-Gimbal (70W only)
TM207 CMH Vertical Ballast Conix PAR (39W only)
TM208 CMH Vertical Ballast Conix PAR
TM209 CMH Vertical Ballast Conix PAR (70W only)
TM210, TM211, TM212 CMH Vertical Ballast Conix ED17
TM213, TM214, TM215 CMH Vertical Ballast Conix T6, G12 (50W, 70W & 100W only)
TM216, TM217, TM218 CMH Vertical Ballast Conix T4, G8.5
TM232 CMH Vertical Ballast Concentric Cylinder T4, G8.5 (20W & 39W only)
TM241 CMH Vertical Ballast Cylindra MR16 (39W & 50W only)
TM244, TM245, TM246 CMH Vertical Ballast Cylindra PAR
TM250 CMH Vertical Ballast Cylindra ED17
TM251 CMH Vertical Ballast Cylindra T6, G12
TM252 CMH Vertical Ballast Cylindra T4, G8.5
TM254 CMH Vertical Ballast Cylindra T4, GU6.5 (15W & 39W only)
TM256 CMH Vertical Ballast Flood/Wall Wash T6, G12
TM257 CMH Vertical Ballast Flood/Wall Wash T4, G8.5

Ordering Examples: **"T255LED-3K-NFL-WH"** becomes **"HTEK255LED3KNFLWH"** and **"TM208-70EMH-WH"** becomes **"HTEKM20870EMHWH"**

Possible Trac Configuration & Recommended Components



1. **HTEK11** End Feed (left) - standard
   HTEK12 End Feed (right)
   (used for conduit feed also)
2. **HTEK21** Miniature Straight Connector
3. **HTEK14** Center Feed



4. **HTEK34** 90˚ "L" Connector
   (adjustable universal polarity)

5a. **HTEK39** "T" Connector
   (adjustable right polarity)

5b. **HTEK40** "T" Connector
   (adjustable left polarity)

6. **HTEK38** "X" Connector

JUNO

Trac 12™

Supremely versatile trac-based lighting

Linear Lighting Thanks to its ultra-slim profile, Trac 12™ can be easily installed in coves, cabinetry, and casework displays to produce uniform linear lighting. Variable spacing of either LED modules or xenon lamp holders permits on-site fine tuning to create even illumination at the desired light intensity.

Spotlighting Trac 12 is easily integrated into displays, low soffits, and ceilings or can be pendant-suspended for dramatic accent lighting. The diminutive dimensions of Trac 12 allow it to squeeze into tight spaces inaccessible to standard-size, line voltage trac systems. Trac 12 is powered by remote low voltage transformers, eliminating the need for transformers at each fixture. This can be helpful in meeting today's stringent energy codes, since power calculations are typically based on the capacity of the transformers, rather than the linear feet of installed trac.

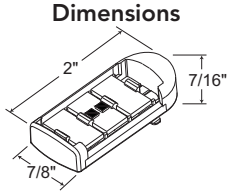
Energy-Efficient Illumination The Trac 12 system is offered with a variety of light sources, including the latest in ultra-efficient LEDs. An extensive range of advanced LED fixtures for linear, spot and flood applications feature unparalleled energy savings and remarkably long service life.

Trac 12 Low Power LED Modules

Miniature LED linear lighting modules replicate the light output and distribution of 5-10-watt xenon lamps, while reducing energy required by over 85%. They produce up to 478 lumens per foot and 85 CRI typical. At 50,000 hours, LEDs retain 70% of their initial lumens. Ideal for linear lighting applications including cove, undercabinet, task and casework display lighting. 12V AC operation only.

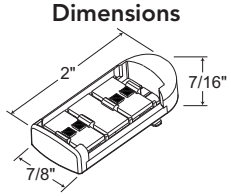
Catalog #	Watts	Color Temp.	Lumens
TL214LEDX1-27K	0.5	2700K	27
TL214LEDX1-3K	0.5	3000K	28
TL214LEDX1-35K	0.5	3500K	28
TL214LEDX1-4K	0.5	4000K	28

Dimensions



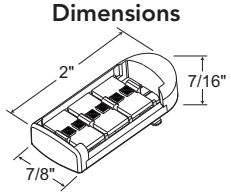
Catalog #	Watts	Color Temp.	Lumens
TL214LEDX2-27K	1.0	2700K	54
TL214LEDX2-3K	1.0	3000K	56
TL214LEDX2-35K	1.0	3500K	56
TL214LEDX2-4K	1.0	4000K	57

Dimensions



Catalog #	Watts	Color Temp.	Lumens
TL214LEDX3-27K	1.5	2700K	76
TL214LEDX3-3K	1.5	3000K	78
TL214LEDX3-35K	1.5	3500K	79
TL214LEDX3-4K	1.5	4000K	80

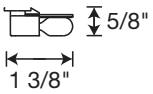
Dimensions

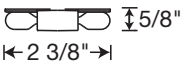


The product and system may be covered by the following United States patents: D579,144; US5,334,037

Wedge Base Lampholders

Wedge base lampholders are an economical choice for linear lighting applications. They have a minimal profile and produce bright, uniform illumination. They are compatible with wedge base lamps that are 10W or less and T3-1/4 size or smaller including xenon, LED, etc. Xenon lamps emit a white light that approximates the color of halogen, but have up to a 20,000-hour lamp life and do not require fixture lenses or special handling.

Catalog #	Finish	Lamp	Dimensions
TL201WH	White	One 12V or 24V, 10W max.	
TL201BL	Black	T3-1/4 wedge base lamp	

Catalog #	Finish	Lamp	Dimensions
TL202WH	White	Two 12V or 24V, 10W max.	
TL202BL	Black	T3-1/4 wedge base lamps	

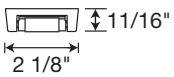
T3-1/4 Xenon Wedge Base Lamps

Catalog #	Watts	Volts	Clear/Frosted	Rated Lumens
TL900	3	12	Clear	15
TL901	5	12	Clear	33
TL903	10	12	Clear	83

Catalog #	Watts	Volts	Clear/Frosted	Rated Lumens
TL905-24V	5	24	Frosted	29
TL910-24V	10	24	Frosted	91

Rigid Loop Lampholder

Rigid loop lampholders are ideally suited for linear lighting applications. They have a low profile and produce bright, uniform illumination. The rigid loop lampholder includes a stationary reflector to forward project more of the 360° light from the lamp. They are compatible with rigid loop style lamps that are 10W or less and T3-1/4 size or smaller including xenon, LED, etc. Rigid loop lamps possess all of the advantages of the wedge base lamps, but offer a more symmetrical light distribution and slightly higher output that is optimal for cove lighting applications. Xenon lamps emit a white light that approximates the color of halogen, but have up to a 20,000-hour lamp life and do not require fixture lenses or special handling.

Catalog #	Finish	Lamp	Dimensions
TL211WH	White	One 12V or 24V, 10W max.	
TL211BL	Black	T3-1/4 rigid loop lamp	

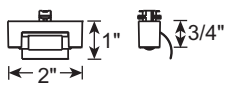
T3-1/4 Xenon Rigid Loop Lamps

Catalog #	Watts	Volts	Clear/Frosted	Rated Lumens
TL950CL	5	12	Clear	45
TL950FR	5	12	Frosted	45
TL951CL	10	12	Clear	100
TL951FR	10	12	Frosted	100

Catalog #	Watts	Volts	Clear/Frosted	Rated Lumens
TL952CL-24V	5	24	Clear	40
TL952FR-24V	5	24	Frosted	40
TL953CL-24V	10	24	Clear	90
TL953FR-24V	10	24	Frosted	90

Festoon Lampholder

Festoon lampholders are ideally suited for linear lighting applications. They have a low profile and produce bright, uniform illumination. The festoon lampholder includes an articulating reflector, enabling more precise aiming of the light. They are compatible with festoon type lamps that are 10W or less and T3-1/4 size or smaller including xenon, LED, etc. The festoon lamp is similar to the rigid loop lamp, though more widely available and offering slightly greater light output. Xenon lamps emit a white light that approximates the color of halogen, but have up to a 20,000-hour lamp life and do not require fixture lenses or special handling.

Catalog #	Finish	Lamp	Dimensions
TL212WH	White	One 12V or 24V, 10W max.	
TL212BL	Black	T3-1/4 festoon lamp	

Xenon T3-1/4 Festoon Lamps

Catalog #	Watts	Volts	Clear/Frosted	Rated Lumens
TL960CL	5	12	Clear	50
TL960FR	5	12	Frosted	50
TL961CL	10	12	Clear	120
TL961FR	10	12	Frosted	120

Catalog #	Watts	Volts	Clear/Frosted	Rated Lumens
TL964CL-24V	5	24	Clear	50
TL964FR-24V	5	24	Frosted	50
TL965CL-24V	10	24	Clear	120
TL965FR-24V	10	24	Frosted	120

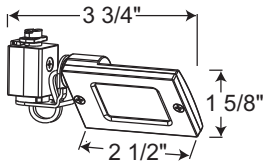
Trac 12™ | Linear Lighting Lampholders
LED & Halogen Low-Profile Floods

Low-Profile Floods
The unique aiming-adjustable low-profile LED or halogen floods produce high light-levels and widespread illumination from a miniature luminaire. They are ideal for task and accent lighting in a variety of confined space situations. They can be placed anywhere along the custom length trac, plus they can be rotated and aimed in any direction, making the Trac 12 LED Mini-Flood or Halogen Flood fixtures a versatile linear lighting choice. They are ideal as a task light where even illumination is critical or they can be used within display cases and cabinets, providing a crisp wash of light over illuminated objects.

LED Mini-Flood
The Trac 12 LED Mini-Flood offers effective flood and task lighting in a low-profile, energy-efficient package. It approximates the lumen output and light distribution of a 20W halogen flood, utilizing less than 25% of the energy and providing a rated life of 50,000 hours. Unlike conventional incandescent light sources, LEDs have no heat and no UV in their beam – this makes them an ideal choice when illuminating heat-sensitive or UV-sensitive objects. Available in 3000K and 4100K color temperatures, the white-light Trac 12 LED Mini-Flood is compatible with standard Trac 12 and Trac 12/25 trac operating with 12V AC transformers approved for use with Juno LED products.

Catalog #	Finish	Watts	Color Temp.	Lumens
TL103LED-3K-WH	White	4	3000K	192
TL103LED-3K-BL	Black			
TL103LED-3K-SL	Silver			
TL103LED-4K-WH	White	4	4100K	217
TL103LED-4K-BL	Black			
TL103LED-4K-SL	Silver			

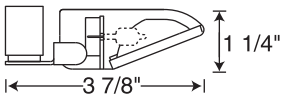
Dimensions



Halogen Flood
The Trac 12 Halogen Flood offers effective flood and task lighting in a low-profile, package. It is compatible with 10W or 20W halogen lamps to suit a variety of applications. The halogen lamp is rated at 2000 hours. The Halogen Flood is compatible with any 12V or 24V Trac 12 and Trac 12/25 12V AC transformers adding to its specification flexibility.

Catalog #	Finish	Lamp
TL103WH	White	12V or 24V 10W-20W T3 halogen bi-pin
TL103BL	Black	

Dimensions



T3 Halogen Bi-Pin Lamps

Catalog #	Watts	Volts	Clear/Frosted	Rated Lumens*
TL922	10	12	Clear	134
TL923	20	12	Clear	307
TL924-24V	20	24	Clear	288

*Rated Lumens reflects manufacturers published data – see Cabinetry & Cove Lighting Guidelines for Halogen section for actual fixture performance.

The product and system may be covered by the following patents: U.S. Patent D355,501; US5,334,037; Canada Patent 74,668

Box
$8.50
Decorative
Tin

Trac 12™ | LED Mini-Spotlights
LED Mini-Cylinder Spotlights

LED Mini-Cylinder Spotlights

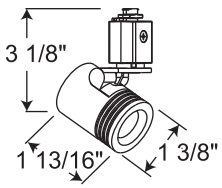
The Trac 12 LED Mini-Cylinder Spotlights offer effective accent lighting in a miniature, energy-efficient package. They approximate the light output and distribution of 20W MR11 halogen lamps, utilizing approximately 1/3 of the energy and providing more than 10 times the rated life. Unlike conventional incandescent light sources, LEDs have no heat and no UV in their beam – this makes them an ideal choice when illuminating heat-sensitive or UV-sensitive objects. Available in 2700K, 3000K and 4100K color temperatures, the white-light LED Mini-Cylinder Spotlights are compatible with standard Trac 12 systems operating with 12V AC transformers approved for use with Juno LED products. These fixtures can be placed anywhere along the trac, and the trac can be cut-to-length during installation, making the LED Mini-Cylinder Spotlights a versatile accent lighting choice.

Catalog #	Finish	Lamp	Color Temp.
TL114LED-2K-SP-WH	White	6W LED, 16° Spot	2700K
TL114LED-2K-SP-BL	Black		
TL114LED-2K-SP-SL	Silver		
TL114LED-2K-NFL-WH	White	6W LED, 22° Narrow Flood	2700K
TL114LED-2K-NFL-BL	Black		
TL114LED-2K-NFL-SL	Silver		
TL114LED-2K-FL-WH	White	6W LED, 38° Flood	2700K
TL114LED-2K-FL-BL	Black		
TL114LED-2K-FL-SL	Silver		

Catalog #	Finish	Lamp	Color Temp.
TL114LED-3K-SP-WH	White	6W LED, 16° Spot	3000K
TL114LED-3K-SP-BL	Black		
TL114LED-3K-SP-SL	Silver		
TL114LED-3K-NFL-WH	White	6W LED, 22° Narrow Flood	3000K
TL114LED-3K-NFL-BL	Black		
TL114LED-3K-NFL-SL	Silver		
TL114LED-3K-FL-WH	White	6W LED, 38° Flood	3000K
TL114LED-3K-FL-BL	Black		
TL114LED-3K-FL-SL	Silver		

Catalog #	Finish	Lamp	Color Temp.
TL114LED-4K-SP-WH	White	6W LED, 16° Spot	4100K
TL114LED-4K-SP-BL	Black		
TL114LED-4K-SP-SL	Silver		
TL114LED-4K-NFL-WH	White	6W LED, 22° Narrow Flood	4100K
TL114LED-4K-NFL-BL	Black		
TL114LED-4K-NFL-SL	Silver		
TL114LED-4K-FL-WH	White	6W LED, 38° Flood	4100K
TL114LED-4K-FL-BL	Black		
TL114LED-4K-FL-SL	Silver		

Dimensions



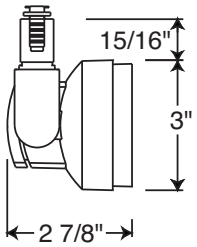
The product and system may be covered by the following United States patent: 5,334,037

JUNO

Trac 12™ | LED Spotlight
Cylindra™ TL252L

Cylindra™ TL252L

The contemporary styling of the Cylindra LED enables it to subtly enhance practically any decor without diverting attention from the surrounding environment. Soft curved surfaces combine with clean, crisp edges to provide a uniquely attractive aesthetic. The Trac 12 Cylindra 13W LED spotlight approximates the light output and distribution of 75W MR16 halogen lamps, utilizing less than 1/5 of the energy and having a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures with a minimum 80 CRI. An optional high CRI version is available in 2700K or 3000K with a minimum 90 CRI. The white-light Cylindra LED is compatible with standard Trac 12 and Trac 12/25 trac, operating with 12V AC power. The TL252L can be placed anywhere along the Trac, and the trac can be cut-to-length during installation, making it an economical and flexible accent lighting choice. Cylindra's integral, bayonet-mounted accessory holder accommodates one accessory if desired.



Ordering Information

Examples: **TL252L-27HC-N-BL, TL252L-3K-S-WH**

Series		Color Temperature	Color Rendering Index		Beam Spread		Finish
TL252L	–	27	HC	–	N	–	BL
TL252L Cylindra LED		**27** - 2700K **3** - 3000K **35** - 3500K **4** - 4000K	**K** - 85 CRI Typical **HC**[1] - 93 CRI Typical [1] 2700 & 3000K only		**S** - 15˚ Spot **N** - 27˚ Narrow Flood **F** - 41˚ Flood		**BL** - Black **SL** - Silver **WH** - White

Light Control Accessories

For Fixture:	*TL252L*
Color Filters	**T741-6**
Dichroic Filters	**T7401-16**
Color Correction Filter	**T7418***
Diffusion Lens	**T7420**
Uniformity Lens	**T7421**
Prismatic Spread Lens	**T7477**
Linear Spread Lens	**T7478**
Hexcell Louver	**T7459BL**

***** T7418 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.

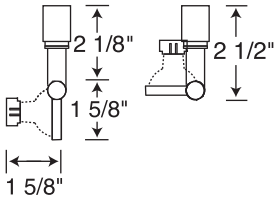
Trac 12™ | MR11 Lampholders
Mini Gimbal Ring, Suspended Cylinder & Dart

Mini Gimbal Ring

With a minimal 2 1/2" displacement from the trac, the MR11 Mini Gimbal Ring is the clear choice for spotlighting in confined spaces such as cabinetry, casework or displays.

Catalog #	Finish	Lamp
TL110WH	White	12V or 24V
TL110BL	Black	35W max. MR11

Dimensions

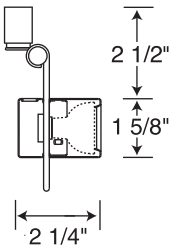


Suspended Cylinder

The MR11 Suspended Cylinder series provides an enclosed lamp option for miniature display lighting.

Catalog #	Finish	Lamp
TL112WH	White	12V or 24V
TL112BL	Black	20W max. MR11
TL112SC	Satin Chrome	
TL112PB	Polished Brass	

Dimensions

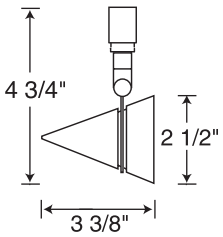


Dart

The petite MR11 Dart series delivers a playful accent for miniature display lighting.

Catalog #	Finish	Lamp
TL161WH	White	12V or 24V
TL161BL	Black	35W max. MR11
TL161SL	Silver	

Dimensions



Light Control Accessories

For Fixtures:	*TL161*	*TL110, TL112*
Color Filters	**T551-5**	–
Dichroic Lenses	**T5501-18**	–
UV Filter Lens	**T5522**	–
Hexcell Louver	–	**T5558BL**

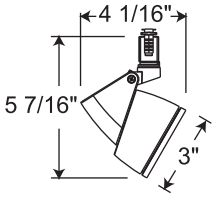
The product and system may be covered by the following patents: U.S. Patents D354,365; D355,722; D442,718; Canada Patent 74,689

Facet®

Sweeping lines, arresting angles, and a brilliant lack of symmetry result in a totally unexpected design. Concealed wiring completes the ultra-clean appearance. Facet for Trac 12 low voltage is designed to use with 50W MR16 halogen lamps. A dual accessory media cartridge is standard on this fixture.

Catalog #	Finish	Lamp
TL150WH	White	12V or 24V 50W max. MR16
TL150BL	Black	
TL150SL	Silver	

Dimensions

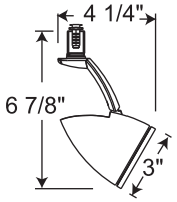


Xanadu®

Stunning simplicity yields a classic beauty. Xanadu's stem elevates from the fixture as though carved from a section of its cone shaped body. Its pure shape is devoid of extraneous detail. Concealed wiring produces an ultra-clean appearance. Xanadu for Trac 12 low voltage is designed to use 50W MR16 halogen lamps. A dual accessory media cartridge is standard on this fixture.

Catalog #	Finish	Lamp
TL170WH	White	12V or 24V 50W max. MR16
TL170BL	Black	
TL170SL	Silver	

Dimensions

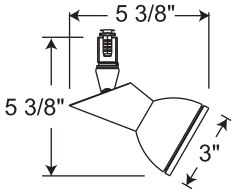


Glacis®

The flower-like Glacis is inspired by the beauty of our natural world. The truncated conical element at the top cloaks the stem pivot when observed from conventional viewing angles. Concealed wiring completes the ultra-clean appearance. Glacis for Trac 12 low voltage is designed to use 50W MR16 halogen lamps. A dual accessory media cartridge is standard on this fixture.

Catalog #	Finish	Lamp
TL180WH	White	12V or 24V 50W max. MR16
TL180BL	Black	
TL180SL	Silver	

Dimensions

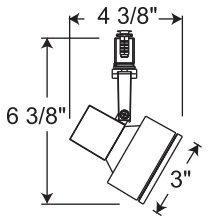


Cubix®

The Cubix is a study of the visual relationship between two different geometric forms: the ring and the cube. In this design, the stem becomes a central element, forming a pleasant visual extension of the cube form. Concealed wiring offers an ultra-clean appearance. Cubix for Trac 12 is designed to use 50W MR16 halogen lamps. A dual accessory media cartridge is standard on this fixture.

Catalog #	Finish	Lamp
TL190WH	White	12V or 24V 50W max. MR16
TL190BL	Black	
TL190SL	Silver	

Dimensions



Light Control Accessories

For Fixture:	*TL150, TL170, TL180, TL190*		
Color Filters/Lenses	**T741-6**	Diffuse Spread Lens	**T7420**
Prismatic Spread Lens	**T7477**	Uniformity Lens	**T7421**
Linear Spread Lens	**T7478**	UV Filter Lens	**T7422**
Dichroic Lenses	**T7401-18**	Hexcell Louver	**T7459BL**

The product and system may be covered by the following patents: U.S. Patents D547,479; D546,996; D546,994; D546,995; Canada Patent Pending

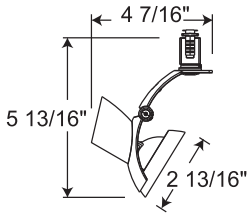
Trac 12™ | MR16 Lampholders
Mamba®, Cylindra™ & Conix®

Mamba®

The Mamba is a strikingly original, front loading gimbal ring design. Gracefully curved and tapered elements flow into a gimbal ring that appears to float, while the gently scooped socket housing reinforces a concave/convex theme. Mamba for Trac 12 low voltage is designed to use 50W MR16CG halogen lamps with integral cover glass.

Catalog #	Finish	Lamp
TL155WH	White	12V or 24V 50W max.
TL155BL	Black	MR16CG Cover Glass
TL155SL	Silver	

Dimensions

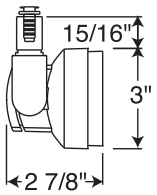


Cylindra™

Applying a new twist to a traditional design, Cylindra Series offers a unique, contemporary aesthetic based on a step cylinder fixture platform. Gentle arcs elegantly blend with bold edges to provide a unique yet timeless visual appeal. The Cylindra Trac 12 low voltage is designed to use 50W MR16 halogen lamps. Each Cylindra fixture is supplied with an integral bayonet-mount media cartridge that is designed to simultaneously accept up to two light control accessories.

Catalog #	Finish	Lamp
TL141WH	White	12V or 24V 50W max. MR16
TL141BL	Black	
TL141SL	Silver	

Dimensions

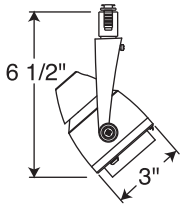


Conix®

The stylish Conix, featuring Juno's proprietary wishbone yoke design, possesses a fully enclosed lamp housing and can rotate more than 360° to eliminate aiming dead spots. The Conix Trac 12 low voltage is designed to use 50W MR16 halogen lamps. Each fixture includes an integral snoot that is designed to simultaneously accept up to two light control accessories.

Catalog #	Finish	Lamp
TL106WH	White	12V or 24V 50W max. MR16
TL106BL	Black	
TL106SL	Silver	

Dimensions



Light Control Accessories

For Fixtures:	*TL106*	*TL141*
Dichroic Lenses	**T5501-18**	**T7401-18**
Color Filters/Lenses	**T551-5**	**T741-6**
Diffuse Spread Lens	**T5520**	**T7420**
Uniformity Lens	**T5521**	**T7421**
UV Filter Lens	**T5522**	**T7422**
Prismatic Spread Lens	**T557**	**T7477**
Linear Spread Lens	**T559**	**T7478**
Hexcell Louver	**T5559BL**	**T7459BL**

The product and system may be covered by the following patents: U.S. Patents D546,993; D464,455 Canada Patent Pending

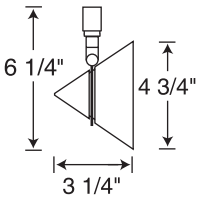
Geometrics

The timeless simplicity of cones and spheres. Choose the MR16 Cone series for a more sophisticated design statement or MR16 Orb fixtures for a balanced, consistent appearance regardless of aiming angle.

Cone

Catalog #	Finish	Lamp
TL160WH	White	12V or 24V
TL160BL	Black	50W max. MR16
TL160SL	Silver	

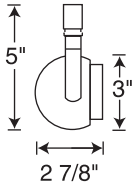
Dimensions



Orb

Catalog #	Finish	Lamp
TL165WH	White	12V or 24V
TL165BL	Black	50W max. MR16
TL165SL	Silver	

Dimensions

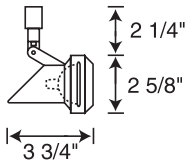


Slant Cylinder

A simple, solid form, this unique stepped cylinder adds a subtle hint of design into applications that call for a fully enclosed lamp.

Catalog #	Finish	Lamp
TL109WH	White	12V or 24V
TL109BL	Black	50W max. MR16

Dimensions



Light Control Accessories

For Fixtures:	*TL160*	*TL165*	*TL109*
Color Filters	**T551-5**	**T551-5**	**T551-5**
Dichroic Lenses	**T5501-18**	**T5501-18**	**T5501-18**
UV Filter	**T5522**	**T5522**	**T5522**
Uniformity Lens	**T5521**	**T5521**	**T5521**
Diffuse Spread Lens	**T5520**	**T5520**	**T5520**
Linear Spread Lens	**T559**	**T559**	**T559**
Prismatic Spread Lens	**T557**	**T557**	**T557**
Hexcell Louver	**T5559BL**	–	**T5559BL**
Black Snoot	**T558BL**	–	**T558BL**
Black Eyebrow	–	–	**T556BL**
Black Barn Doors	–	–	**T74BL**

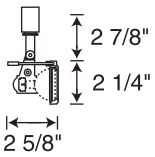
The product and system may be covered by the following patents: U.S. Patents D434,514; D443,375; Canada Patents 92,376; 92,377

Delta 200 Series®

An angular, die cast fixture body and rod-supported lamp bezel create a semi-exposed, technical appearance. For special effects, an optional louver or color filter can be substituted for the clear glass lens that is smartly contained in the rod-supported front bezel.

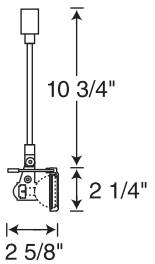
Catalog #	Finish	Lamp
TL116WH	White	12V or 24V
TL116BL	Black	50W max. MR16
TL116SL	Silver	

Dimensions



Catalog #	Finish	Lamp
TLP116WH	White	12V or 24V
TLP116BL	Black	50W max. MR16
TLP116SL	Silver	

Dimensions

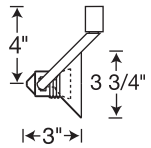


Flyback

Uniquely angled back from the trac at 45 degrees, Flyback fixtures add visual energy into a space.

Catalog #	Finish	Lamp
TL117WH	White	12V or 24V
TL117BL	Black	50W max. MR16CG Cover Glass
TL117SC	Satin Chrome	

Dimensions

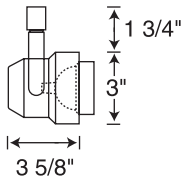


Studio II

The Studio II series adds a contemporary miniaturized stage and studio flavor into an environment.

Catalog #	Finish	Lamp
TL191WH	White	12V or 24V
TL191BL	Black	50W max. MR16
TL191SL	Silver	

Dimensions



Light Control Accessories

For Fixtures:	*TL116, TLP116*	*TM245*	*TM246*
Accessory Holder	–	**T7400BL, SA**	–
Color Filters	**T551-5**	**T741-6***	**T551-5**
Dichroic Lenses	**T5501-18**	**T7401-18***	**T5501-18**
UV Filter	**T5522**	**T7422***	**T5522**
Uniformity Lens	**T5521**	**T7421***	**T5521**
Diffuse Spread Lens	**T5520**	**T7420***	**T5520**
Linear Spread Lens	**T559**	**T7478***	**T559**
Prismatic Spread Lens	**T557**	**T7477***	**T557**
Hexcell Louver	**T5559BL**	**T7459BL***	**T5559BL**
Black Snoot	**T558BL**	–	–
Black Barn Doors	**T74BL**	–	–

*Filters, lenses, and louvers require Accessory Holder for installation.
Use of light control accessories negates the need for MR16 cover glass lamp.

The product and system may be covered by the following patents: U.S. Patents D355,723; D354,148; Canada Patent 74,458

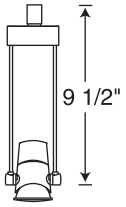
Trac 12™ | MR16 Lampholders
Trapezia™ & Gyrus™

Trapezia™

The Trapezia series suspends the MR16 lamp down from the trac with the grace of a trapeze artist. Slender 9-inch or 16-inch nominal length tubes conceal supply wires feeding into an elegantly sculpted die cast lamp housing. The light airy appearance is great for display, exhibition and gallery lighting and the downward reach can make pendant mounting of trac unnecessary.

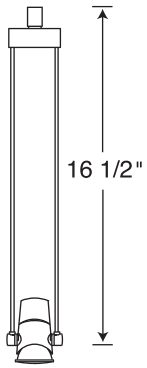
Catalog #	Finish	Lamp
TL130-9-WH	White	12V or 24V
TL130-9-BL	Black	50W max.
TL130-9-SL	Silver	MR16CG Cover Glass

Dimensions



Catalog #	Finish	Lamp
TL130-16-WH	White	12V or 24V
TL130-16-BL	Black	50W max.
TL130-16-SL	Silver	MR16CG Cover Glass

Dimensions

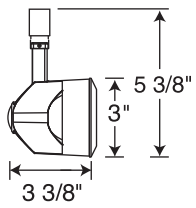


Gyrus™

A new spin on a classic design, the Gyrus series combines dramatic aerodynamic styling with an integral accessory holder that accepts up to two standard 2" diameter lenses or louver. The snap-on design makes this an easy to accessorize fixture for more demanding display lighting applications.

Catalog #	Finish	Lamp
TL140WH	White	12V or 24V
TL140BL	Black	50W max. MR16
TL140SL	Silver	

Dimensions



Light Control Accessories

For Fixtures:	*TL130-9, TL130-16*	*TL140*
Accessory Holder	**T7400BL, SA**	**–**
Color Filters	**T741-6***	**T741-6**
Dichroic Lenses	**T7401-18***	**T7401-18**
UV Filter	**T7422**	**T7422**
Uniformity Lens	**T7421***	**T7421**
Diffuse Spread Lens	**T7420***	**T7420**
Linear Spread Lens	**T7478***	**T7478**
Prismatic Spread Lens	**T7477***	**T7477**
Hexcell Louver	**T7459BL***	**T7459BL**
Barn Doors	**T7470BL***	**–**

*Filters, lenses, louvers and barn doors require Accessory Holder for installation.
Use of light control accessories (except T7470BL Barn Doors) negates the need for MR16 cover glass lamp.

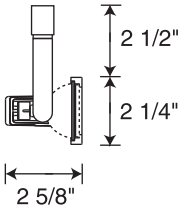
The product and system may be covered by the following United States patents: D504,974; D508,792

Trac 12™ | MR16 Lampholders
Notch Back & Gimbal Rings

Notch Back
The rectangular back of this contemporary design offers visual lines that parallel the trac itself.

Catalog #	Finish	Lamp
TL143WH	White	12V or 24V
TL143BL	Black	50W max. MR16

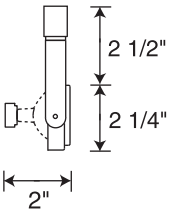
Dimensions



Gimbal Rings
Choose the basic single yoke or the more elegant sculpted dual yoke design.

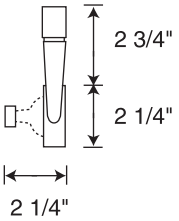
Catalog #	Finish	Lamp
TL196WH	White	12V or 24V
TL196BL	Black	50W max. MR16

Dimensions



Catalog #	Finish	Lamp
TL296WH	White	12V or 24V
TL296BL	Black	50W max. MR16
TL296SC	Satin Chrome	

Dimensions



Light Control Accessories

For Fixture:	*TL143, TL196, TL296*
Color Filters	**T551-5**
Dichroic Lenses	**T5501-18**
UV Filter	**T5522**
Uniformity Lens	**T5521**
Diffuse Spread Lens	**T5520**
Linear Spread Lens	**T559**
Prismatic Spread Lens	**T557**
Hexcell Louver	**T5559BL**

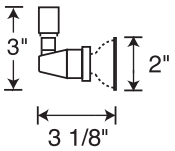
The product and system may be covered by the following United States patent: D395,140

Universal

Use the minimalist Universal series by itself for a do everything basic lampholder, or in combination with one of the scoop accessories for a playful metallic or colorful accent.

Catalog #	Finish	Lamp
TL301WH	White	12V or 24V
TL301BL	Black	50W max. MR16CG
TL301SL	Silver	Cover Glass

Dimensions



Light Control Accessories

For Fixture:	*TL301*		
Accessory Holder	**T7400BL, SA**	Diffuse Spread Lens	**T7420***
Color Filters	**T741-6***	Linear Spread Lens	**T7478***
Dichroic Lenses	**T7401-18***	Prismatic Spread Lens	**T7477***
UV Filter	**T7422***	Hexcell Louver	**T7459BL***
Uniformity Lens	**T7421***		

*Filters, lenses and louvers require Accessory Holder for installation.
Use of light control accessories negates the need for MR16 cover glass lamp.

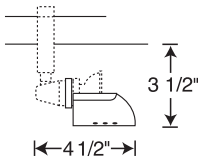
Accessory Scoops

Universal halogen spotlights take on a whole new appearance when you dress them up with one of these metal or luminous scoops.

Perforated Metal Scoop

Catalog #	Scoop Finish
TF308WH	White
TF308BL	Black
TF308SL	Silver

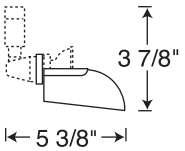
Dimensions



Luminous Scoop

Catalog #	Scoop Finish	Retaining Collar Finish
TF309W-WH	White	White
TF309BU-WH	Blue Frost	White
TF309YL-WH	Yellow Frost	White
TF309W-BL	White	Black
TF309BU-BL	Blue Frost	Black
TF309YL-BL	Yellow Frost	Black
TF309W-SL	White	Silver
TF309BU-SL	Blue Frost	Silver
TF309YL-SL	Yellow Frost	Silver

Dimensions



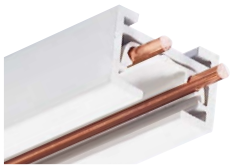
The product and system may be covered by the following patents: U.S. Patent D432,693; Canada Patent 92,375

Trac 12/25 Low Voltage Trac System

The Trac 12/25 system combines the 25-amp capacity of 10 gauge conductors with a miniature rigid profile that can be surface mounted or pendant suspended. The system operates using remotely located 12-volt or 24-volt transformers. A maximum of 300 watts (12 volts) or 600 watts (24 volts) can be placed per circuit of trac.

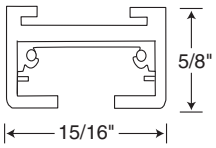
Key Features

- 10 gauge solid copper conductors with 25-amp capacity
- Rigid aluminum miniature 5/8"H x 15/16"W profile
- Accepts all standard Trac 12™ lampholders
- Can be surface or pendant mounted
- Can be cut to length by installer



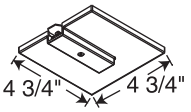
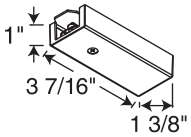
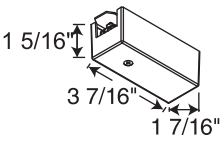
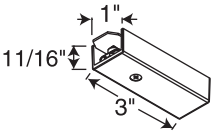
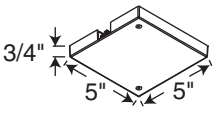
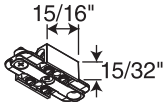
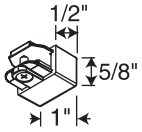
Catalog #	Finish	Description
TLR2WH	White	2' trac (actual length 20 5/8")
TLR2BL	Black	
TLR2SL	Silver	
TLR4WH	White	4' trac (actual length 44 5/8")
TLR4BL	Black	
TLR4SL	Silver	
TLR6WH	White	6' trac (actual length 68 5/8")
TLR6BL	Black	
TLR6SL	Silver	
TLR8WH	White	8' trac (actual length 92 5/8")
TLR8BL	Black	
TLR8SL	Silver	

Dimensions



Trac 12/25 Trac Sections include dead-end and mounting hardware

Electrical Feeds and Dead End

	Catalog #	Finish	Description	Dimensions
End Feed Connector and Outlet Box Cover	**TLR21WH** **TLR21BL** **TLR21SL**	White Black Silver	• Allows trac to be fed via remote transformer from an outlet box • Includes terminal block, cover and mounting plate	
End Feed Connector	**TLR38WH** **TLR38BL** **TLR38SL**	White Black Silver	• Allows trac to be fed via remote transformer from above using standard 1/2" electrical connector • Includes terminal block feed connector and cover	
End Feed Connector and Conduit Feed	**TLR34WH** **TLR34BL** **TLR34SL**	White Black Silver	• Allows trac to be fed via remote transformer with conduit through the end or top using standard 1/2" electrical connector • Includes terminal block feed connector, mounting plate and cover	
Pendant End Feed Connector	**TLR50WH** **TLR50BL** **TLR50SL**	White Black Silver	• Use with TLR90, TLR91 or TLR96 to feed from end of trac • Includes terminal block feed connector, mounting plate and cover	
Outlet Box/T-Bar Ceiling Feed Canopy	**TLR36WH** **TLR36BL** **TLR36SL**	White Black Silver	• Mounts over outlet boxes or on T-Bar ceiling to feed up to four tracs • Includes one terminal block connector, mounting plate and cover • To feed more than one trac, order additional TLR36TB connectors • Requires T-Bar clip (TLR37) for T-Bar installation	
Terminal Block Connector	**TLR36TB-WH** **TLR36TB-BL**	White Black	• For use with TLR36	
Dead End	**TLR28WH** **TLR28BL** **TLR28SL**	White Black Silver	• Dead end to use on extra field-cut trac sections	

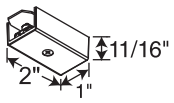
Trac Joiners and T-Bar Attachment Clip

Miniature Straight Connector

Catalog #	Finish
TLR23WH	White
TLR23BL	Black
TLR23SL	Silver

- Joins two trac sections end-to-end
- Includes terminal block connector and cover

Dimensions

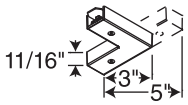


Adjustable Connector

Catalog #	Finish
TLR24WH	White
TLR24BL	Black
TLR24SL	Silver

- Joins two trac sections to form a 90-degree corner or straight coupling
- Includes two terminal block connectors, joiner wires and both 90-degree and straight covers

Dimensions

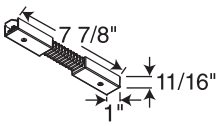


Accordion Adjustable Joiner

Catalog #	Finish
TLR20WH	White
TLR20BL	Black
TLR20SL	Silver

- Joins two trac sections at variable angles to left, right, up or down
- Includes two terminal block connectors, joiner wires and covers

Dimensions



T-Bar Attachment Clip

Catalog #
TLR37
TLR37-9-16

- TLR37 T-Bar Clip attaches to 15/16" inverted T-Bar ceiling
- TLR37-9-16 T-Bar Clip attaches to 9/16" inverted T-Bar ceiling
- Both clips are compatible with flush tile or drop tile ceilings
- Two required for 2' or 4' sections, three required for 6' or 8' sections

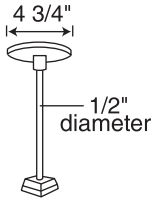
Pendant Mounting Accessories

T-Bar Ceiling Pendant Stem Feed & Mechanical Support

Catalog #	Finish
TLR90-12-WH	White
TLR90-12-BL	Black
TLR90-12-SL	Silver
TLR90-18-WH	White
TLR90-18-BL	Black
TLR90-18-SL	Silver
TLR90-24-WH	White
TLR90-24-BL	Black
TLR90-24-SL	Silver
TLR90-36-WH	White
TLR90-36-BL	Black
TLR90-36-SL	Silver
TLR90-48-WH	White
TLR90-48-BL	Black
TLR90-48-SL	Silver

- For pendant mounting Trac 12/25 to 15/16" T-Bar ceilings
- 12", 18", 24", 36", 48" stem lengths
- Use two for 2', 4' or 6' of trac or three for 8' of trac
- For electrical feed, order TLR50 Pendant End Feed Connector

Dimensions

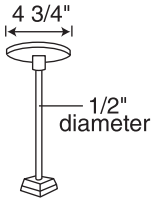


Rigid Ceiling Pendant Stem Feed & Mechanical Support

Catalog #	Finish
TLR91-12-WH	White
TLR91-12-BL	Black
TLR91-12-SL	Silver
TLR91-18-WH	White
TLR91-18-BL	Black
TLR91-18-SL	Silver
TLR91-24-WH	White
TLR91-24-BL	Black
TLR91-24-SL	Silver
TLR91-36-WH	White
TLR91-36-BL	Black
TLR91-36-SL	Silver
TLR91-48-WH	White
TLR91-48-BL	Black
TLR91-48-SL	Silver

- For pendant mounting Trac 12/25 to rigid ceilings
- 12", 18", 24", 36", 48" stem lengths
- Use two for 2', 4' or 6' of trac or three for 8' of trac
- For electrical feed, order TLR50 Pendant End Feed Connector

Dimensions



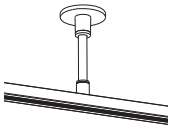
Pendant Mounting Accessories (cont)

Pendant Stem
Mechanical Support

Catalog #	Finish
TLR92-12-WH	White
TLR92-12-BL	Black
TLR92-12-SL	Silver
TLR92-18-WH	White
TLR92-18-BL	Black
TLR92-18-SL	Silver
TLR92-24-WH	White
TLR92-24-BL	Black
TLR92-24-SL	Silver
TLR92-36-WH	White
TLR92-36-BL	Black
TLR92-36-SL	Silver
TLR92-48-WH	White
TLR92-48-BL	Black
TLR92-48-SL	Silver

Description

- For pendant mounting Trac 12/25 to T-Bar or rigid ceilings
- 12", 18", 24", 36" 48" stem lengths
- Use two for 2', 4', or 6' of trac or three for 8' of trac
- Provides mechanical support only
- Order TLR37 or TLR37-9-16 T-Bar Clip to mount on T-Bar ceilings



Pendant Stem Coupling

Catalog #	Finish
T96WH	White
T96BL	Black
T96SL	Silver

Description

- Joins pendant stems for use in higher ceiling applications

Sloped Ceiling Adapter

Catalog #	Finish
T94WH	White
T94BL	Black
T94SL	Silver

Description

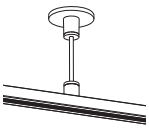
- Permits TLR90, TLR91 and TLR92 Pendant Stems to hang straight from sloped ceilings
- Accommodates two 12 gauge solid THHN copper wires at up to a 60° angle
- 20-amp capacity (based on 12 gauge wire)

10-24 Threaded Rod
Mechanical Support

Catalog #	Finish
TLR93WH	White
TLR93BL	Black
TLR93SL	Silver

Description

- Includes ceiling canopy and trac mounting hardware only - threaded rod by others
- Use two for 2', 4', or 6' of trac or three for 8' or trac

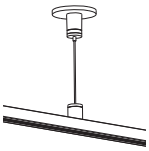


Stainless Steel Cable
Mechanical Support

Catalog #	Finish
TLR95-48-WH	White
TLR95-48-BL	Black
TLR95-48-SL	Silver
TLR95-144-WH	White
TLR95-144-BL	Black
TLR95-144-SL	Silver

Description

- 48" or 144" cable lengths
- Length is easily field adjustable
- Recommended for trac patterns only (not recommended for straight runs)
- Supports should be placed every 3' plus at feed points, at feed points, bend peaks and corners

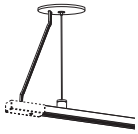


Stainless Steel Cable Feed
& Mechanical Support

Catalog #	Finish
TLR96-48-WH	White
TLR96-48-BL	Black
TLR96-48-SL	Silver
TLR96-144-WH	White
TLR96-144-BL	Black
TLR96-144-SL	Silver

Description

- 48" or 144" cable lengths
- Length is easily field adjustable
- Recommended for trac patterns only (not recommended for straight runs)
- Supports should be placed every 3' plus at feed points, at feed points, bend peaks and corners
- Includes 10 gauge stranded tandem feed wire
- TLR50 End Feed Connector required (order separately, see Trac 12/25 Low Voltage Trac System, Electrical Feeds section)



Trac 12™ Low Voltage Trac System

The Trac 12 series is the original miniature low voltage system that combines a 20-amp capacity with an extremely miniature engineered plastic profile. The system operates using remotely located or in-line 12-volt or 24-volt transformers. A maximum of 240 watts (12 volts) or 480 watts (24 volts) can be placed per circuit of trac.

Key Features:

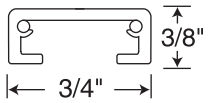
- 12 gauge solid copper conductors with 20-amp capacity
- Engineered thermoplastic ultra-miniature 3/8"H x 3/4"W profile
- Accepts all standard Trac 12 lampholders
- Can be cut to length by installer

Trac 12™ Trac Sections Includes end feed connector, dead end and mounting hardware. End feed connector converts to a straight connector when joining multiple trac sections.

NOTE: When joining trac sections, overall length is 1 7/16" shorter than individual trac section lengths.

Catalog #	Finish	Description
TL2WH	White	2' trac (actual length 20 5/8")
TL2BL	Black	
TL4WH	White	4' trac (actual length 44 5/8")
TL4BL	Black	
TL6WH	White	6' trac (actual length 68 5/8")
TL6BL	Black	
TL8WH	White	8' trac (actual length 92 5/8")
TL8BL	Black	

Dimensions

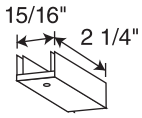


Electrical Feeds

End Feed Connector/ Straight Joiner with Dead End

Catalog #	Finish	Description
TL38WH	White	• For use with field cut-off trac sections.
TL38BL	Black	• Includes terminal block connector with cover and dead end • Terminal block connector also serves as a straight joiner to join two trac sections

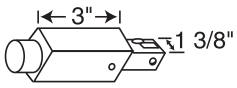
Dimensions



End Feed Connector and Conduit Feed

Catalog #	Finish	Description
TL34WH	White	• Allows trac to be fed via remote transformer with conduit through the end or top using standard 1/2" electrical connector
TL34BL	Black	• Includes mounting plate, surface conduit adapter and cover

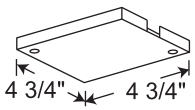
Dimensions



Outlet Box/T-Bar Ceiling Canopy

Catalog #	Finish	Description
TL21WH	White	• May be mounted over outlet boxes or on T-Bar ceiling runners to feed up to four trac sections via a remote transformer.
TL21BL	Black	• Includes mounting plate and cover with four breakouts. • Requires TLR37 or TLR37-9-16 for T-Bar ceiling installation

Dimensions



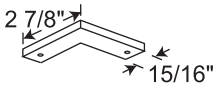
The product and system may be covered by the following United States patent: US 5,336,100

Joiner Connectors

Right Angle Joiner

Catalog #	Finish	Description
TL24WH	White	• Joins two trac sections to form a 90-degree corner. Includes one terminal block connector with cover and joiner wires
TL24BL	Black	

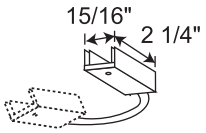
Dimensions



Adjustable Joiner

Catalog #	Finish	Description
TL20WH	White	• Joins two trac sections at variable angles to left, right, up or down. Includes one terminal block connector with cover and 4" flexible joiner cable
TL20BL	Black	

Dimensions



Mounting Accessories

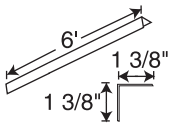
T-Bar Attachment Clip

Catalog #	Finish	Description
TLR37		• TLR37 T-bar Clip attaches to 15/16" inverted T-bar ceiling
TLR37-9-16		• TLR37-9-16 T-bar Clip attaches to 9/16" inverted T-bar ceiling
		• Both clips are compatible with flush tile or drop tile ceilings
		• Two required for 2' or 4' sections, three required for 6' or 8' sections

Extruded Aluminum Fascia

Catalog #	Finish	Description
TL4000WH	White	• Conceals trac and linear lampholders
TL4000BL	Black	• 6' length may be field cut to size
		• 1 3/8" x 1 3/8" profile

Dimensions



12V Electronic Transformers (LED-Compatible)

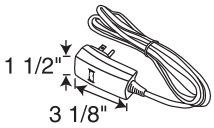
Trac 12 LED-compatible electronic driver/transformers are compact and lightweight — and thus ideal for mounting in close proximity to the trac. They are designed for 120-volt input and may be dimmed using a variety of dimmers qualified by Juno for use with a non-resistive LED load. See specification sheet for a list of qualified dimmers. These driver/transformers are recommended for trac run lengths not exceeding 21 feet. TL601E is supplied with 18" jacketed secondary wire; TL602E has an open slot in the housing for Class 2 secondary wires to exit. While specifically designed for use with Trac 12 LED luminaires, these electronic transformers are compatible with all Trac 12 low voltage luminaires including incandescent. Consult factory for other available wattages.

Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TL601E-10-WH **TL601E-10-BL**	12V/120V	10 watts	1/0.5-10 watts	5 1/2"L x 1 1/2"W x 1"H
TL601E-25-WH **TL601E-25-BL**	12V/120V	25 watts	1/0.5-25 watts	5 1/2"L x 1 1/2"W x 1"H
TL601E-60-WH **TL601E-60-BL**	12V/120V	60 watts	1/0.5-60 watts	5 1/2"L x 1 1/2"W x 1"H
TL601E-75-WH **TL601E-75-BL**	12V/120V	75 watts	1/0.5-75 watts	5 1/2"L x 1 1/2"W x 1"H
TL602E-10-WH	12V/120V	10 watts	1/0.5-10 watts	5 1/2"L x 1 1/2"W x 1"H
TL602E-25-WH	12V/120V	25 watts	1/0.5-25 watts	5 1/2"L x 1 1/2"W x 1"H
TL602E-60-WH	12V/120V	60 watts	1/0.5-60 watts	5 1/2"L x 1 1/2"W x 1"H

NOTE: TL601E & TL602E transformers are available with a 6-foot cord and plug option. For cord and plug installation, add -CP6 as suffix to catalog number. Example: TL601E-75-BL-CP6.

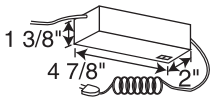
12V Plug-In Electronic Transformers

60-Watt Plug-In Transformer

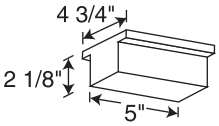
Catalog #	Finish	Description	Dimensions
TL548WH **TL548BL**	White Black	• Integral plug-in 12-volt transformer for incandescent-only loads up to 60 watts. • Supplied with 10' of two-wire cord and On/Off line cord switch	
TL548U-WH **TL548U-BL**	White Black	• Same as above except compatible with both LED & halogen fixtures	

Direct Wire Electronic Transformers (Incandescent only)

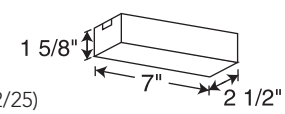
60-Watt Surface Mount Transformer

Catalog #	Finish	Description	Dimensions
TL544N-WH **TL544N-BL**	White Black	• Surface mount electronic 12-volt transformer for loads up to 60 watts. Incandescent only • Includes 6', 3-wire cord and plug, 4 1/2" output leads with mating connector for TL43 Monopoint and On/Off switch	

150-Watt Canopy Transformer

Catalog #	Finish	Description	Dimensions
TL546WH **TL546BL**	White Black	• Canopy mount electronic 12-volt transformer for loads between 50-150 watts. Incandescent only • Mounts over standard 120-volt ceiling outlet boxes and can end-feed one trac section or center feed two trac sections • Note: This is not a floating feed and is not suitable for use with Trac 12/25	

150-Watt Surface Transformer

Catalog #	Finish	Description	Dimensions
TL547WH **TL547BL**	White Black	• Low profile electronic 12-volt transformer for loads between 50-150 watts. Incandescent only • May be installed in-line with trac (Trac 12 only) or remotely mounted up to 5' away (Trac 12 or Trac 12/25) • 120-volt supply can be fed into end or top using standard 1/2" electrical connectors • Includes On/Off push button switch	

Remote Mount Magnetic Transformers

Remote Mount Magnetic Transformers are designed to be installed in remote locations such as basements, attics, plenums and electrical closets. The location must be accessible and well ventilated with ambient temperatures below 140°F. 12-volt transformers are typically used for spotlighting applications due to the ready availability of 12-volt MR11 and MR16 lamps. 24-volt transformers double the wattage capacity versus a 12-volt system and are more commonly selected for incandescent linear lighting due to their capacity for longer runs per circuit. These transformers are designed for either 120-volt or 277-volt input, and have premium resettable magnetic circuit breakers, dual-tap standard/boost tap primary input leads to adjust for voltage drop and may be dimmed using dimmers qualified by Juno. See specification sheets for dimming recommendations. Primary and secondary circuits are physically and electrically isolated and grounded. TF Series transformers have terminal block connections while TL Series transformers have wire nut connections. Remote Mount Magnetic Transformers are compatible with all Trac 12 low voltage luminaires including halogen and LED (12V transformers only).

12V Transformers (Trac 12/25 Only – LED or Halogen-Compatible)

Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TF5300BL	12V/120V	300 watts	1/150-300 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TF5300BL-277	12V/277V	300 watts	1/150-300 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TF5600BL	12V/120V	600 watts	2/150-300 watts	11 3/8"H x 5 3/8"W x 5 1/8"D
TF5600BL-277	12V/277V	600 watts	2/150-300 watts	11 3/8"H x 5 3/8"W x 5 1/8"D

24V Transformers (Trac 12/25 Only – Halogen-Compatible)

Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TF5600BL-24V	24V/120V	600 watts	1/300-600 watts	11 1/2"H x 5 3/8"W x 5 1/8"D
TF5600BL277-24V	24V/277V	600 watts	1/300-600 watts	11 1/2"H x 5 3/8"W x 5 1/8"D
TF51200BL-24V	24V/120V	1200 watts	2/300-600 watts	12 1/2"H x 6 1/8"W x 5 7/8"D

12V Transformers (Trac 12 & Trac 12/25 – LED or Halogen-Compatible)

Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TL575-20-BL	12V/120V	20 watts	1/0.5-20 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-20-277-BL	12V/277V	20 watts	1/0.5-20 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-40-BL	12V/120V	40 watts	1/0.5-40 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-40-277-BL	12V/277V	40 watts	1/0.5-40 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-75-BL	12V/120V	75 watts	1/0.5-75 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-75-277-BL	12V/277V	75 watts	1/0.5-75 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL576-10-BL*	12V/120V	10 watts	1/0.5-10 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL576-25-BL*	12V/120V	25 watts	1/0.5-25 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL576-60-BL*	12V/120V	60 watts	1/0.5-60 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TF5150BL	12V/120V	150 watts	1/50-150 watts halogen, 75-150 watts LED	10 1/2"H x 3 5/8"W x 3 7/8"D
TF5150BL-277	12V/277V	150 watts	1/50-150 watts halogen, 75-150 watts LED	10 1/2"H x 3 5/8"W x 3 7/8"D
TL554N-BL	12V/120V	150 watts	1/50-150 watts halogen, 75-150 watts LED	8"H x 3 5/8"W x 3 1/2"D
TL554N-277-BL	12V/277V	150 watts	1/50-150 watts halogen, 75-150 watts LED	8"H x 3 5/8"W x 3 1/2"D
TL549N-BL	12V/120V	240 watts	1/120-240 watts	7 7/8"H x 4 3/8"W x 4"D
TL549N-277-BL	12V/277V	240 watts	1/120-240 watts	7 7/8"H x 4 3/8"W x 4"D
TL550N-BL	12V/120V	480 watts	2/120-240 watts	11 3/8"H x 5"W x 5"D
TL550N-277-BL	12V/277V	480 watts	2/120-240 watts	11 3/8"H x 5"W x 5"D

*TL576 is Class 2 rated

24V Transformers (Trac 12 & Trac 12/25 – Halogen-Compatible)

Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TL553N-BL-24V	24V/120V	240 watts	1/120-240 watts	8"H x 4 1/4"W x 4"D
TL553N-277-BL-24V	24V/277V	240 watts	1/120-240 watts	8"H x 4 1/4"W x 4"D
TL551N-BL-24V	24V/120V	480 watts	1/240-480 watts	11 3/8"H x 5"W x 4 7/8"D
TL551N-277-BL-24V	24V/277V	480 watts	1/240-480 watts	11 3/8"H x 5"W x 4 7/8"D
TL552N-BL-24V	24V/120V	960 watts	2/240-480 watts	12 1/2"H x 6 1/8"W x 5 7/8"D
TL552N-277-BL-24V	24V/277V	960 watts	2/240-480 watts	12 1/2"H x 6 1/8"W x 5 7/8"D

NOTE: 120V magnetic transformers are available with a 6-foot cord and plug option. For cord and plug installation, add -CP6 as suffix to catalog number. Examples: TF5150BL-CP6, TL550N-BL-CP6.

Surface Mount Transformers

Designed to mount over standard 4" ceiling outlet boxes, Trac 12/25 surface mount transformers can be used with a single pendant stem to support/feed one end of a trac run. They may also be used with a Flexible Feed Kit (TF950) to create a non-rigid floating feed, independent of mechanical support of the trac. The TF6150E Electronic Surface Mount Transformer has automatic resetting overload and short-circuit protection. The TF6150E is 120VAC input, should be mounted within 5' of trac, and is dimmable using dimmer designed for use with electronic transformers. The TF6300 Magnetic Toroidal Surface Mount Transformer has a manually resettable circuit breaker. TF6300 is 120VAC input and is dimmable using dimmers designed for use with magnetic transformers. Trac 12/25 surface mount transformers are not compatible with LED luminaires.

Flexible Feed

Single Pendant Stem

Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TF6150E-SL	12V/120V	150 watts	1/50-150 watts	3"H x 12"Dia.
TF6300SL	12V/120V	300 watts	1/150-300 watts	3"H x 12"Dia.

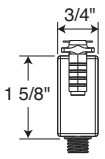
Extension Wands

Trac 12 extension wands allow any Trac 12 fixture to be suspended without having to lower the trac section itself. For use with either Trac 12/25 trac, Trac 12 trac or Monopoints.

Catalog #	Finish	Overall Length
TLRW12WH	White	14"
TLRW12BL	Black	
TLRW12SL	Silver	
TLRW18WH	White	20"
TLRW18BL	Black	
TLRW18SL	Silver	
TLRW24WH	White	26"
TLRW24BL	Black	
TLRW24SL	Silver	
TLRW36WH	White	38"
TLRW36BL	Black	
TLRW36SL	Silver	
TLRW48WH	White	50"
TLRW48BL	Black	
TLRW48SL	Silver	

Trac 12 Quick Jack Adapter

Quick Jack Adapter for Alfa Quick Jack directionals or decorative pendants. For use on Juno's Trac 12 and Trac 12/25 miniature Low Voltage Trac Systems. Rated for fixtures using maximum 50W 12V or 24V lamps.

Catalog #	Finish	Description	Dimensions
TLQJAWH	White	Trac 12 Adapter for Quick Jack Fixtures and Pendants	
TLQJABL	Black		
TLQJASL	Silver		

Trac 12™ Monopoints

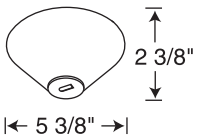
Trac 12 Monopoints increase the versatility of Trac 12 fixtures and decorative pendants, allowing them to be mounted where trac sections may not offer the best aesthetic or functional solution.

Surface Monopoints

Conical Surface Monopoint with Integral Transformer

Catalog #	Finish	Description
TL541WH	White	• Mounts over standard ceiling outlet boxes • Includes 12V 50VA electronic transformer • Accepts Juno Trac 12 halogen spotlights and decorative pendants • 120V input
TL541BL	Black	
TL541SL	Silver	
TL541U-WH	White	• Same as above except compatible with both LED & halogen fixtures
TL541U-BL	Black	
TL541U-SL	Silver	

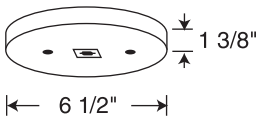
Dimensions



Cylindrical Surface Monopoint with Integral Transformer

Catalog #	Finish	Description
TL540WH	White	• Mounts over standard ceiling outlet boxes • Includes 12V 50VA electronic transformer • Accepts Juno Trac 12 halogen spotlights and decorative pendants • 120V input
TL540BL	Black	
TL540SL	Silver	
TL540U-WH	White	• Same as above except compatible with both LED & halogen fixtures
TL540U-BL	Black	
TL540U-SL	Silver	

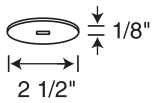
Dimensions



Mini-Monopoint for Remote Transformer

Catalog #	Finish	Description
TL43WH	White	• Mounts directly into ceiling, wall or cabinet surfaces with no visible mounting screws • Includes mounting retaining spring and 50" of wire with mating connector to TL544N transformer (ordered separately) • Accepts Juno Trac 12 spotlights and decorative pendants
TL43BL	Black	
TL43SL	Silver	

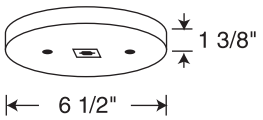
Dimensions



Monopoint for Remote Transformer

Catalog #	Finish	Description
TL40WH	White	• Mounts over standard ceiling outlet boxes supplied with 12 or 24 volts from a remote transformer • Accepts Juno Trac 12 spotlights and decorative pendants
TL40BL	Black	
TL40SL	Silver	

Dimensions



Recessed Monopoints

IC Recessed Monopoint, New Construction

Catalog #	Finish	Description
TL543WH	White	• Includes 50VA 12-volt electronic transformer, pre-wired IC rated recessed housing with adjustable real-nail bar hangers and canopy • Accepts Juno Trac 12 halogen spotlights and decorative pendants

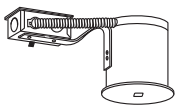
Dimensions

5" Dia. x 1/4" H below ceiling
6" H above ceiling

IC Recessed Monopoint, Remodel Construction

Catalog #	Finish	Description
TL542WH	White	• Includes 50VA 12-volt electronic transformer, pre-wired IC rated recessed housing for remodel construction and canopy • Accepts Juno Trac 12 halogen spotlights and decorative pendants

Dimensions

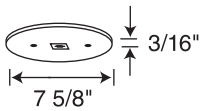


5" Dia. x 1/4" H below ceiling
6" H above ceiling

6" Recessed Housing Monopoint Adapter Trim

Catalog #	Finish	Description
TL539WH	White	• Includes 50VA 12-volt electronic transformer and screw in socket adapter • Mounts directly to all Juno 6" universal recessed incandescent housings • Accepts Juno Trac 12 halogen spotlights and decorative pendants

Dimensions



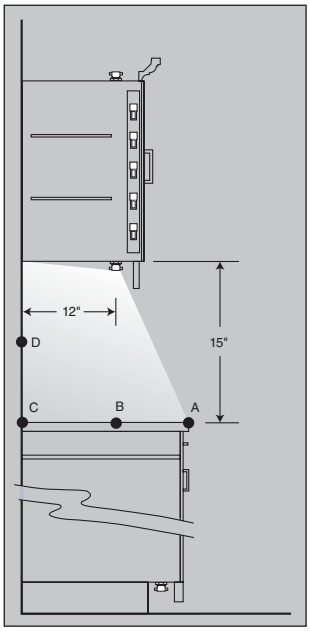
Light Control Accessories

The Juno complete range of light control accessories enable the designer to custom tailor effects.

		1 3/4" DIA.	COMPATIBLE WITH	2" DIA.	COMPATIBLE WITH
Accessory Holders					
Required for listed fixtures. Accepts one filter, lens, and louver except where noted.				**T7400BL** **T7400SA** Accepts up to 2 accessories	TL117, TL130, TL301
Light Control Lenses					
These alter the light distribution of a given lamp, enlarging or elongating it, softening the beam edge or removing striations.	Uniformity Lens	**T5521**	TL106*, TL109, TL116, TL143, TL160, TL165, TL191, TL196, TL296, TLP116	**T7421**	TL140*, TL141*, TL150*, TL170*, TL180*, TL190*, TL252 and fixtures with T7400 Accessory Holder
	Diffusion Lens	**T5520**		**T7420**	
	Prismatic Spread Lens	**T557**		**T7477**	
	Linear Spread Lens	**T559**		**T7478**	
UV Filters					
These museum quality lenses filter out ultraviolet radiation below 400 nanometers to protect fade sensitive art and objects.		**T5522**	TL106*, TL109, TL116, TL143, TL160, TL161, TL165, TL191, TL196, TL296, TLP116	**T7422**	
Dichroic Color Correction Filters					
Color Correction Filters correct the light, either to warm it up to approximate incandescent, or cool it down to approximate daylight.	Halogen-to-Incandescent, 2700K	**T5518**		**T7418**	
	Halogen-to-Daylight, 4250K	**T5516**		**T7416**	
Color Filters	**Colored Glass Filters**				
Color Filters change white light into colored light and are available in colored glass and more efficient/saturated dichroic filters.	Medium Pink	**T551**		**T741**	
	Warm Red			**T742**	
	Daylight Blue			**T743**	
	Medium Blue	**T553**		**T744**	
	Medium Amber	**T555**		**T745**	
	Medium Green			**T746**	
	Dichroic Glass Filters				
	Red	**T5501**		**T7401**	
	Medium Green	**T5503**		**T7403**	
	Medium Blue	**T5504**		**T7404**	
	Yellow	**T5505**		**T7405**	
	Magenta	**T5506**		**T7406**	
	Blue-Green (Cyan)	**T5511**		**T7411**	
Louvers					
Hexcell louvers reduce perceived fixture brightness.	Hexcell Louvers	**T5559BL**	TL106*, TL109, TL116, TL143, TL160, TL165, TL191, TL196, TL296, TLP116	**T7459BL**	
Snoots and Eyebrows					
Snoots and Eyebrows extend lamp shielding and can reduce spill light in the edge of a beam pattern.	Snoots	**T558BL**	TL109, TL116, TLP116		
	Eyebrows	**T556BL**	TL109		
Barn Doors					
Barn Doors create a theatrical look and allow control of the spill light coming off of a lamp.	Barn Doors	**T74BL**	TL109, TL116, TLP116	**T7470BL**	Fixtures with T7400 Accessory Holder

*Simultaneously accepts any combination of up to two filters, lenses or louver.

Cabinetry Lighting Guidelines (LED)



Over Cabinets Trac 12™, using TL214LEDX2 modules spaced 6" on-center or TL103LED fixtures spaced 12" on-center, generally provides excellent indirect lighting. For lower-level mood lighting, use TL214LEDX1 modules with closer lamp spacing. Placing the fixture at the front edge of the cabinet top will project light into the space and illuminate any displayed objects. Locate top of lamp even with top edge of cove molding to prevent a harsh shadow line.

Inside Cabinets Running Trac 12 vertically on the front inside of cabinets avoids the need to put trac on each shelf. TL201LEDX1s placed 4"- 6" on-center generally provide adequate lighting inside a cabinet.

Under Cabinets Placing Juno Trac 12 at the front lip of the cabinet conceals the fixture from view, minimizes veiling reflections, and provides maximum light on the working area of the countertop.

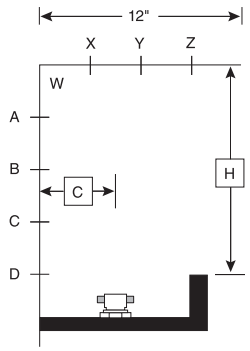
Footcandles on Horizontal Work Surface*

Catalog Number	Color Temperature	On-Center Spacing	Footcandles* A	B	C	D
TL214LEDX1-27K	2700K	3"	17	45	27	22
TL214LEDX1-3K	3000K	3"	17	46	27	22
TL214LEDX1-35K	3500K	3"	18	48	28	23
TL214LEDX1-4K	4000K	3"	19	50	30	24
TL214LEDX2-27K	2700K	3"	34	90	52	43
TL214LEDX2-3K	3000K	3"	34	91	54	44
TL214LEDX2-35K	3500K	3"	34	91	54	44
TL214LEDX2-4K	4000K	3"	38	99	58	47
TL214LEDX3-27K	2700K	3"	49	127	73	59
TL214LEDX3-3K	3000K	3"	50	134	78	63
TL214LEDX3-35K	3500K	3"	53	139	82	66
TL214LEDX3-4K	4000K	3"	55	147	86	69
TL103LED-3K	3000K	12"	31	78	48	38
TL103LED-4K	4100K	12"	36	89	55	44

Kick Spaces TL214LEDX1 modules spaced 4" on-center generally provides adequate kick space lighting. Wider spacings can be used when the distance from the trac to the floor is greater than 4" or when even illumination is not required.

NOTE: Shiny flooring may cause lamp image reflections.

Cove Lighting (LED)



Placement Guidelines

1. For uniform illumination, o.c. lamp spacing must be equal to or less than lamp spacing from wall "C"

Footcandles on Vertical and Horizontal Planes 3000K/3500K*

(For 2700K fixtures, use 0.97 multiplier; for 4000K fixtures, use 1.02 multiplier.)

Catalog Number	Lamp Spacing From Wall C	O.C. Lamp Spacing	Cove Height H	Footcandles on Vert. Plane (Wall) A	B	C	D	Footcandles on Horiz. Plane (Ceiling) W	X	Y	Z
TL214LEDX1	3"	3"	6"	95	109	106	79	136	161	115	67
	3"	3"	9"	56	72	94	63	99	106	88	60
	3"	3"	12"	35	47	80	57	73	77	68	52
	4"	4"	6"	69	71	63	50	86	117	100	60
	4"	4"	9"	45	52	54	37	68	78	71	52
	4"	4"	12"	30	38	50	32	53	58	54	43
TL214LEDX2	3"	3"	6"	186	213	207	155	268	317	226	132
	3"	3"	9"	110	140	184	124	194	209	172	117
	3"	3"	12"	70	93	156	113	143	151	134	103
	4"	4"	6"	136	139	124	98	169	230	197	117
	4"	4"	9"	87	103	107	73	134	154	139	101
	4"	4"	12"	59	75	99	63	104	115	107	85
TL214LEDX3	4"	4"	6"	200	204	181	143	248	337	288	171
	4"	4"	9"	128	150	156	107	196	225	204	148
	4"	4"	12"	87	110	145	92	153	168	156	125
	5"	5"	6"	148	143	124	105	167	245	255	160
	5"	5"	9"	103	113	107	75	141	171	169	129
	5"	5"	12"	72	88	99	63	114	129	125	105

Lumens per Foot*

Catalog Number	Lamp Spacing 2"	3"	4"	6"	Catalog Number	Lamp Spacing 2"	3"	4"	6"	12"
TL214LEDX1-27K	162	108	81	54	TL214LEDX3-27K	456	304	228	152	–
TL214LEDX1-3K	167	111	83	56	TL214LEDX3-3K	470	313	235	157	–
TL214LEDX1-35K	168	112	84	56	TL214LEDX3-35K	472	315	236	157	–
TL214LEDX1-4K	170	113	85	57	TL214LEDX3-4K	478	319	239	159	–
TL214LEDX2-27K	324	216	162	108						
TL214LEDX2-3K	333	222	167	111	TL103LED-3K	–	–	576	384	192
TL214LEDX2-35K	336	224	168	112	TL103LED-4K	–	–	651	434	217
TL214LEDX2-4K	339	226	170	113						

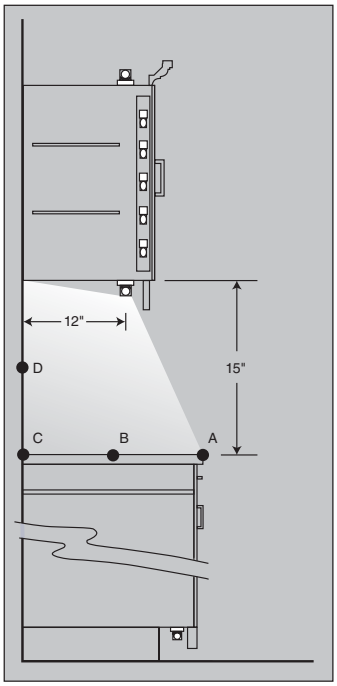
Maximum Trac Run Length**

Catalog Number		Lamp Spacing 2"	3"	4"	6"	12"
TL214LEDX1	Electronic	14′	17′	19′	24′	–
	Magnetic	38′	47′	54′	65′	–
TL214LEDX2	Electronic	10′	11′	13′	15′	–
	Magnetic	30′	36′	44′	52′	–
TL214LEDX3	Electronic	9′	12′	13′	16′	–
	Magnetic	24′	30′	32′	42′	–
TL103LED	Electronic	–	–	5′	8′	8′
	Magnetic	–	–	18′	27′	35′

* Data shown is for operation at 12-volts. For operation at 11.5-volts multiply by 0.94.

** Based on 20% maximum light output decrease between first and last fixture on trac due to voltage drop; to utilize full capacity of trac and transformers, individual transformer circuits may have to feed multiple runs using separate feed points.

Cabinetry Lighting Guidelines (Xenon & Halogen)



Over Cabinets The Trac 12™ system, using 10-watt lamps spaced 6" on center, generally provides excellent indirect lighting. For lower-level mood lighting, use 3-watt or 5-watt lamps with slightly closer spacing. Placing the fixture at the front edge of the cabinet top will project light into the space and illuminate any displayed objects. Locate top of lamp even with top edge of cove molding to prevent a harsh shadow line

Inside Cabinets Running the Trac 12 system vertical on the front inside of cabinets avoids the need to put trac on each shelf. 3-watt Xenon lamps 3" on center will generally provide adequate lighting inside a cabinet.

Under Cabinets Placing the Juno Trac 12 system at the front lip of the cabinet conceals the fixture from view, minimizes veiling reflections, and provides maximum light on the working area of the countertop.

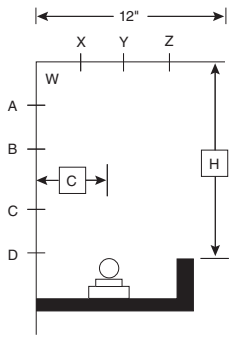
Footcandles on Horizontal Work Surface

Lamp Type	Catalog Number	Number of Lamps	Volts/ Watts	On-Center Spacing	Footcandles A	B	C	D
Xenon Wedge Base	TL201	1	12V/5W	3"	10	31	20	22
		1	12V/10W	6"	12	36	23	25
	TL202	2	12V/5W	6"	10	29	18	20
		2	12V/10W	12"	12	36	23	25
Xenon Rigid Loop	TL211	1	12V/5W	3"	14	42	27	30
		1	12V/10W	6"	14	43	28	30
Xenon Festoon	TL212	1	12V/5W	3"	16	47	30	33
		1	12V/10W	6"	16	48	31	33
Halogen Bi-Pin	TL103	1	12V/20W	12"	16	66	56	60

Kick Spaces 3-watt Xenon lamps spaced on 4" centers provide adequate kick space lighting. Wider spacings can be used when the distance from trac to floor is greater than 4" or when even illumination is not required.

NOTE: Shiny flooring may cause lamp image reflections.

Cove Lighting (Xenon & Halogen)



Placement Guidelines

1. For uniform illumination, o.c. lamp spacing must be equal to or less than lamp spacing from wall "C"

Footcandles on Vertical and Horizontal Planes

Lamp Type	Lamp Spacing From Wall C	O.C. Lamp Spacing	Cove Height H	Footcandles on Vert. Plane (Wall) A	B	C	D	Footcandles on Horiz. Plane (Ceiling) W	X	Y	Z
24V, 10W Rigid Loop or Wedge Base Xenon Lamp	3"	3"	6"	111	155	162	31	176	164	93	44
	3"	3"	9"	62	89	155	21	118	121	93	54
(Test conducted with 70% reflectances at 23.5 volts)	3"	3"	12"	42	56	120	15	83	87	78	56
Conversion factors for other lamps	4"	4"	6"	88	111	105	23	124	123	85	38
LAMP / **MULTIPLIER**	4"	4"	9"	53	74	99	16	88	89	76	46
12V, 10W Festoon 1.33	4"	4"	12"	36	49	96	11	63	66	61	46
12V, 10W Rigid Loop 1.11	5"	5"	6"	68	71	67	19	85	96	81	35
12V, 10W Wedge Base 0.92	5"	5"	9"	44	57	61	13	66	69	63	43
24V, 5W Rigid Loop 0.44	5"	5"	12"	31	42	58	8	48	51	48	40
24V, 5W Wedge Base 0.32											
12V, 5W Rigid Loop 0.50											
12V, 5W Wedge Base 0.37	NOTE: Frosted lamps provide slightly less lumen output, but more uniformity with wider spacings.										

Maximum Run Length per 20 Amp Circuit**

	Lamp Type	Lamp Spacing 2"	3"	4"	5"	6"
10 Watt Xenon Lamps	Lumens/Foot (24V Lamp)	–	340	255	204	170
	Maximum Run Length - 24V	–	12′	16′	20′	24′
	Maximum Run Length - 12V	–	6′	8′	10′	12′
5 Watt Xenon Lamps	Lumens/Foot (24V Lamp)	162	108	81	65	54
	Maximum Run Length - 24V	16′	24′	32′	40′	48′
	Maximum Run Length - 12V	8′	12′	16′	20′	24′
3 Watt Xenon Lamps	Lumens/Foot	93	62	42	37	31
	Maximum Run Length - 12V	13′	20′	27′	33′	40′

Maximum Run Length per 25 Amp Circuit**

	Lamp Type	Lamp Spacing 2"	3"	4"	5"	6"
10 Watt Xenon Lamps	Lumens/Foot (24V Lamp)	–	340	255	204	170
	Maximum Run Length - 24V	10′	15′	20′	25′	30′
	Maximum Run Length - 12V	5′	7.5′	10′	12.5′	15′
5 Watt Xenon Lamps	Lumens/Foot (24V Lamp)	162	108	81	65	54
	Maximum Run Length - 24V	20′	30′	40′	50′	60′
	Maximum Run Length - 12V	10′	15′	20′	25′	30′
3 Watt Xenon Lamps	Lumens/Foot	93	62	42	37	31
	Maximum Run Length - 12V	17′	25′	34′	42′	50′

** Based on 20% maximum light output decrease between first and last fixture on trac due to voltage drop; to utilize full capacity of trac and transformers, individual transformer circuits may have to feed multiple runs using separate feed points.

Flex 12™

The Flex 12 satin aluminum ribbon-like trac and pure geometrical forms make it unique among monorail systems. Use it in straight runs or field-curve it to echo the natural rhythms of curved walls or to introduce pleasing visual contrast into an angular space. Whether mounted close to the ceiling, suspended from stainless steel cable or extended off of a wall, the Flex 12 system offers unlimited possibilities with a system that is widely recognized for its simple installation with a minimum number of components. The Flex 12 system inspires inventive, unique solutions that integrate art and architecture.

The product and system may be covered by the following patents: U.S. Patent US 6,244,733; Canada Patent CA2316551

Flex 12™ | LED Mini-Spotlight

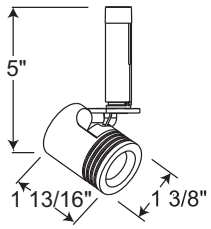
LED Mini-Cylinder Spotlights

LED Mini-Cylinder Spotlights

The Flex 12 LED Mini-Cylinder Spotlights offer effective accent lighting in a miniature, energy-efficient package. They approximate the light output and distribution of 20W MR11 halogen lamps, utilizing approximately 1/4 of the energy and providing more than 10 times the rated life. Unlike conventional incandescent light sources, LEDs have no heat and no UV in their beam – this makes them an ideal choice when illuminating heat-sensitive or UV-sensitive objects. Available in 2700K, 3000K and 4100K color temperatures, the white-light LED Mini-Cylinder Spotlights are compatible with standard Flex 12 systems operating with 12V AC transformers approved for use with Juno LED products. These fixtures can be placed anywhere along the trac, and the trac can be cut-to-length during installation, making the LED Mini-Cylinder Spotlights a versatile accent lighting choice.

Catalog #	Finish	Lamp	Color Temp.
TF114LED-2K-SP-SL	Silver	6W LED, 16° Spot	2700K
TF114LED-2K-NFL-SL	Silver	6W LED, 22° Narrow Flood	2700K
TF114LED-2K-FL-SL	Silver	6W LED, 38° Flood	2700K
TF114LED-3K-SP-SL	Silver	6W LED, 16° Spot	3000K
TF114LED-3K-NFL-SL	Silver	6W LED, 22° Narrow Flood	3000K
TF114LED-3K-FL-SL	Silver	6W LED, 38° Flood	3000K
TF114LED-4K-SP-SL	Silver	6W LED, 16° Spot	4100K
TF114LED-4K-NFL-SL	Silver	6W LED, 22° Narrow Flood	4100K
TF114LED-4K-FL-SL	Silver	6W LED, 38° Flood	4100K

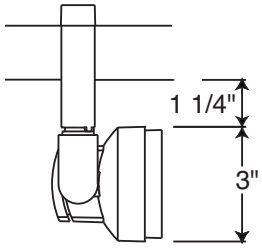
Dimensions



Flex 12™ | LED Spotlight
Cylindra™ TF252L

Cylindra™ TF252L

The contemporary styling of the Cylindra LED enables it to subtly enhance practically any decor without diverting attention from the surrounding environment. Soft curved surfaces combine with clean, crisp edges to provide a uniquely attractive aesthetic. The Flex 12 Cylindra 13W LED spotlight approximates the light output and distribution of 75W MR16 halogen lamps, utilizing less than 1/5 of the energy and having a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures with a minimum 80 CRI. An optional high CRI version is available in 2700K or 3000K with a minimum 90 CRI. The white-light Cylindra LED is compatible with standard Flex 12 trac, operating with 12V AC power. The TF252L can be placed anywhere along the Trac, and the trac can be cut-to-length during installation, making it an economical and flexible accent lighting choice. Cylindra's integral, bayonet-mounted accessory holder accommodates one accessory if desired.



Ordering Information

Examples: **TF252L-27HC-N-SL, TF252L-3K-S-SL**

Series		Color Temperature	Color Rendering Index		Beam Spread		Finish
TF252L	–	27	HC	–	N	–	SL
TF252L Cylindra LED		**27** - 2700K **3** - 3000K **35** - 3500K **4** - 4000K	**K** - 85 CRI Typical **HC**[1] - 93 CRI Typical [1] 2700 & 3000K only		**S** - 15˚ Spot **N** - 27˚ Narrow Flood **F** - 41˚ Flood		**SL** - Silver

Light Control Accessories

For Fixture:	*TF252L*
Color Filters	**T741-6**
Dichroic Filters	**T7401-16**
Color Correction Filter	**T7418***
Diffusion Lens	**T7420**
Uniformity Lens	**T7421**
Prismatic Spread Lens	**T7477**
Linear Spread Lens	**T7478**
Hexcell Louver	**T7459BL**

***** T7418 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.

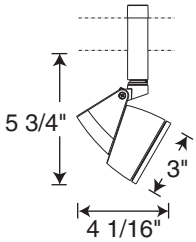
Flex 12™ | MR16 Lampholders
Facet®, Xanadu® & Glacis®

Facet®

The sweeping arcs and arresting angles of the Facet deliver a unique asymmetrical aesthetic that is the perfect complement for the inspirational Flex 12 system. With a socket housing that morphs into a stem completely horizontal in nature, its bold simplicity gives Facet an ultra-clean appearance. The Flex 12 and is supplied with an integral, bayonet mount media cartridge that simultaneously accepts up to two 2" light control accessories.

Catalog #	Finish	Lamp
TF150SL	Silver	12V or 24V 50W max. MR16

Dimensions

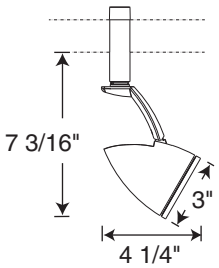


Xanadu®

The stunning simplicity of this design, a pure shape devoid of any extraneous detail, makes Xanadu a classic beauty. Its yoke appears to have been carved directly from its conical form which is in perfect harmony with the elegant Flex 12 system. The Flex 12 Xanadu includes features such as concealed wiring and is supplied with an integral, bayonet mount media cartridge that simultaneously accepts up to two 2" light control accessories.

Catalog #	Finish	Lamp
TF170SL	Silver	12V or 24V 50W max. MR16

Dimensions

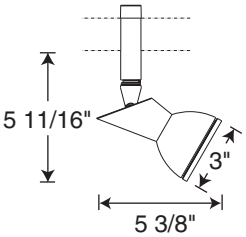


Glacis®

The flower-like Glacis reflects the beauty of the natural world. Its truncated conical element at the top cloaks the stem pivot when viewed from conventional viewing angles. Its natural form has been perfectly proportioned for the graceful Flex 12 system. The Flex 12 Glacis includes features such as concealed wiring and is supplied with an integral, bayonet mount media cartridge that simultaneously accepts up to two 2" light control accessories.

Catalog #	Finish	Lamp
TF180SL	Silver	12V or 24V 50W max. MR16

Dimensions



Light Control Accessories

For Fixtures:	*TF150, TF170, TF180*		
Dichroic Lenses	**T7401-18**	UV Filter Lens	**T7422**
Color Filters/Lenses	**T741-6**	Prismatic Spread Lens	**T7477**
Diffuse Spread Lens	**T7420**	Linear Spread Lens	**T7478**
Uniformity Lens	**T7421**	Hexcell Louver	**T7459BL**

The product and system may be covered by the following patents: U.S. Patents D547,479; D546,996; D546,995; Canada Patent Pending

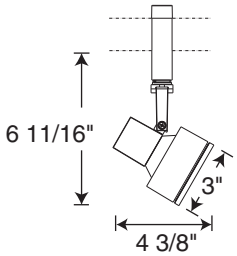
Flex 12™ | MR16 Lampholders
Cubix® & Mamba®

Cubix®

Cubix is a study of the visual relationship between two different geometric forms, the ring and the cube. In this most playful design, the stem becomes the central element, forming a pleasing visual extension of the cube form. The interplay of each of the elements is the perfect complement for the imaginative Flex 12 system. The Flex 12 Cubix includes features such as concealed wiring and is supplied with an integral, bayonet mount media cartridge that simultaneously accepts up to two 2" light control accessories.

Catalog #	Finish	Lamp
TF190SL	Silver	12V or 24V 50W max. MR16

Dimensions

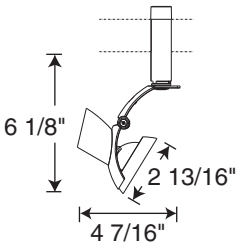


Mamba®

The strikingly original, daring aesthetic of Mamba naturally extends the imagination of the distinctive Flex 12 system. The Mamba combines gracefully curved and tapered elements to produce a unique and totally unexpected result. Its front-loading gimbal ring design makes lamp maintenance simple and convenient. Mamba for Flex 12 low voltage is designed to use 50W MR16CG halogen lamps with integral cover glass.

Catalog #	Finish	Lamp
TF155SL	Silver	12V or 24V 50W max. MR16CG

Dimensions



Light Control Accessories

For Fixture:	*TF190*		
Dichroic Lenses	**T7401-18**	UV Filter Lens	**T7422**
Color Filters/Lenses	**T741-6**	Prismatic Spread Lens	**T7477**
Diffuse Spread Lens	**T7420**	Linear Spread Lens	**T7478**
Uniformity Lens	**T7421**	Hexcell Louver	**T7459BL**

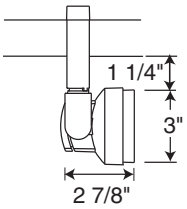
The product and system may be covered by the following patents: U.S. Patents D546,993; D546,994; Canada Patent Pending

Cylindra™

Applying a new twist to a traditional design, Cylindra Series offers a unique, contemporary aesthetic based on a step cylinder fixture platform. Gentle arcs elegantly blend with bold edges to provide a unique yet timeless visual appeal. The Cylindra Flex 12 low voltage is designed to use 50W MR16 halogen lamps. Each Cylindra fixture is supplied with an integral bayonet mount media cartridge to simultaneously accept up to two 2" light control accessories.

Catalog #	Finish	Lamp
TF141SL	Silver	12V or 24V 50W max. MR16

Dimensions

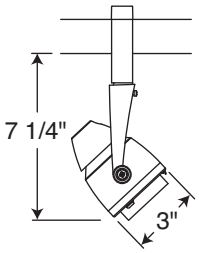


Conix®

The stylish Conix, featuring Juno's proprietary wishbone yoke design, possesses a fully enclosed lamp housing and can rotate more than 360° to eliminate aiming dead spots. The Conix Flex 12 low voltage is designed to use 50W MR16 halogen lamps. Each fixture includes an integral snoot that is designed to simultaneously accept up to two 1 3/4" light control accessories.

Catalog #	Finish	Lamp
TF106SL	Silver	12V or 24V 50W max. MR16

Dimensions

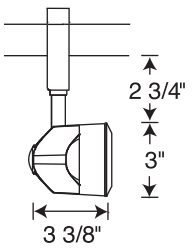


Gyrus™

A new spin on a classic design the Gyrus series combines dramatic aerodynamic styling with an integral accessory holder that accepts up to two standard 2" diameter lenses and louvers. The snap-on design makes this an easy to accessorize fixture for more demanding display lighting applications.

Catalog #	Finish	Lamp
TF140SL	Silver	12V or 24V 50W max. MR16

Dimensions



Light Control Accessories

For Fixtures:	*TF141*	*TF106*	*TF140*
Color Filters/Lenses	**T741-6***	**T551-5**	**T741-6**
Dichroic Lenses	**T7401-18***	**T5501-18**	**T7401-18**
Diffuse Spread Lens	**T7420***	**T5520**	**T7420**
Uniformity Lens	**T7421***	**T5521**	**T7421**
UV Filter Lens	**T7422***	**T5522**	**T7422**
Prismatic Spread Lens	**T7477***	**T557**	**T7477**
Linear Spread Lens	**T7478***	**T559**	**T7478**
Hexcell Louver	**T7459BL***	**T5559BL**	**T7459BL**

*Filters, lenses, louvers and barn doors require Accessory Holder for installation.

The product and system may be covered by the following United States patents: D464,455; D508,792

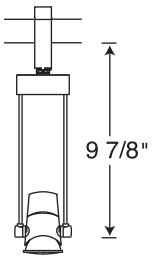
Trapezia™

Trapezia fixtures suspend the MR16 lamp down from the trac with the grace of a trapeze artist. Slender 9-inch or 16-inch nominal length tubes conceal supply wires feeding into an elegantly sculpted die cast lamp housing. The light, airy appearance is great for display, exhibition and gallery lighting and the downward reach can make pendant mounting of trac unnecessary. Trapezia is designed to use 50W MR16CG halogen lamps with integral cover glass.

9" Trapezia

Catalog #	Finish	Lamp
TF130-9-SL	Silver	12V or 24V 50W max. MR16CG Cover Glass

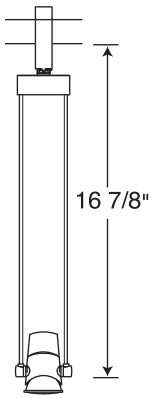
Dimensions



16" Trapezia

Catalog #	Finish	Lamp
TF130-16-SL	Silver	12V or 24V 50W max. MR16CG Cover Glass

Dimensions



Light Control Accessories

For Fixtures:	*TF130-9, TF130-16*		
Accessory Holder	**T7400BL, SA**	UV Filter	**T7422***
Dichroic Lenses	**T7401-18***	Hexcell Louver	**T7459BL***
Color Filters	**T741-6***	Barn Doors	**T7470BL***
Diffuse Spread Lens	**T7420***	Prismatic Spread Lens	**T7477***
Uniformity Lens	**T7421***	Linear Spread Lens	**T7478***

*Filters, lenses, louvers and barn doors require Accessory Holder for installation. Use of light control accessories (except Barn Doors) negates the need for MR16 cover glass lamp.

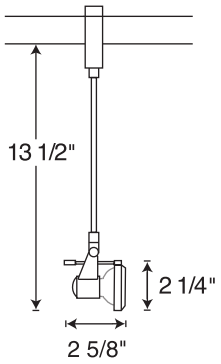
The product and system may be covered by the following United States patent: D504,974

Delta 200 Series® Pendant

An angular, die cast fixture body and rod-supported lamp bezel create a semi-exposed, technical appearance, ideal for ceiling applications.

Catalog #	Finish	Lamp
TFP116SL	Silver	12V or 24V 50W max. MR16

Dimensions

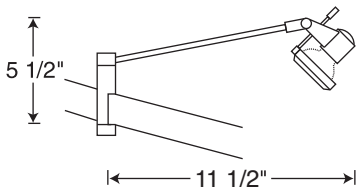


Delta 200 Series® Gallery

The Delta 200 Series Gallery model is exceptional when needing to throw light back onto vertical surfaces, signage or displays.

Catalog #	Finish	Lamp
TFG116SL	Silver	12V or 24V 50W max. MR16

Dimensions



Light Control Accessories (fixtures expect only one)

For Fixtures:	*TFP116, TFG116*
Dichroic Lenses	**T5501-18**
Color Filters	**T551-5**
Diffuse Spread Lens	**T5520**
Uniformity Lens	**T5521**
UV Filter	**T5522**
Prismatic Spread Lens	**T557**
Black Snoot	**T558BL**
Linear Spread Lens	**T559**
Hexcell Louver	**T5559BL**
Black Barn Doors	**T74BL**

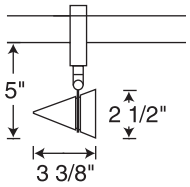
Geometrics

The timeless simplicity of cones and spheres. Choose the petite MR11 Dart fixture for a playful accent, the MR16 Cone luminaire for a more sophisticated design statement or the MR16 Orb model for a balanced, consistent appearance regardless of aiming angle.

Dart

Catalog #	Finish	Lamp
TF161SL	Silver	12V or 24V 35W max. MR11

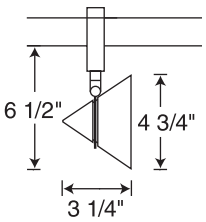
Dimensions



Cone

Catalog #	Finish	Lamp
TF160SL	Silver	12V or 24V 50W max. MR16

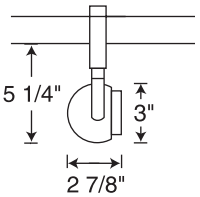
Dimensions



Orb

Catalog #	Finish	Lamp
TF165SL	Silver	12V or 24V 50W max. MR16

Dimensions



Light Control Accessories (fixtures expect only one)

For Fixtures:	*TF161*	*TF160, TF165*
Dichroic Lenses	**T5501-18**	**T5501-18**
Color Filters	**T551-5**	**T551-5**
Diffuse Spread Lens	–	**T5520**
Uniformity Lens	–	**T5521**
UV Filter	**T5522**	**T5522**
Hexcell Louver	–	**T5559BL**
Prismatic Spread Lens	–	**T557**
Linear Spread Lens	–	**T559**

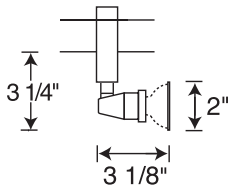
The product and system may be covered by the following patents: U.S. Patents D442,718; D434,514; D443,375; Canada Patents 92,378; 92,376; 92,377

Universal

Use the minimalist Universal fixture by itself for a do-it-all basic lampholder, or in combination with one of the scoop accessories for playful metallic or colorful accents. The Flex 12 Universal is designed to use 50W MR16CG halogen lamps with integral cover glass.

Catalog #	Finish	Lamp
TF301SL	Silver	12V or 24V 50W max. MR16CG Cover Glass

Dimensions



Light Control Accessories

For Fixture:	*TF301*		
Accessory Holder	**T7400BL, SA**	UV Filter	**T7422***
Dichroic Lenses	**T7401-18***	Hexcell Louver	**T7459BL***
Color Filters	**T741-6***	Prismatic Spread Lens	**T7477***
Diffuse Spread Lens	**T7420***	Linear Spread Lens	**T7478***
Uniformity Lens	**T7421***		

*Filters, lenses and louvers require Accessory Holder for installation.
Use of light control accessories negates the need for MR16 cover glass lamp.

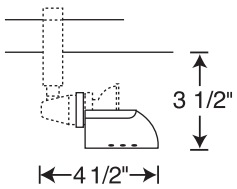
Accessory Scoops

Universal halogen spotlights take on a whole new appearance when you dress them up in one of these metal or luminous scoops.

Perforated Metal Scoop

Catalog #	Scoop Finish
TF308SL	Silver

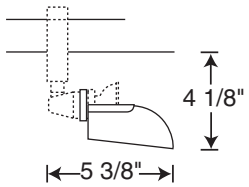
Dimensions



Luminous Scoop

Catalog #	Scoop Finish	Retaining Collar Finish
TF309W-SL	White	Silver
TF309BU-SL	Blue Frost	Silver
TF309YL-SL	Yellow Frost	Silver

Dimensions



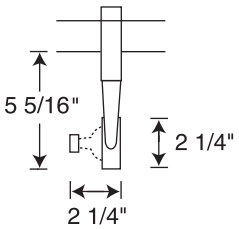
The product and system may be covered by the following patents: U.S. Patent D432,693; Canada Patent 92,375

Gimbal Ring

This sculpted dual yoke design is an elegant interpretation of the classic gimbal ring.

Catalog #	Finish	Lamp
TF196SL	Silver	12V or 24V 50W max. MR16

Dimensions



Light Control Accessories

For Fixture:	*TF196*
Color Filters	**T551-5**
Dichroic Lenses	**T5501-18**
UV Filter	**T5522**
Uniformity Lens	**T5521**
Diffuse Spread Lens	**T5520**
Linear Spread Lens	**T559**
Prismatic Spread Lens	**T557**
Hexcell Louver	**T5559BL**

Flex 12™ Trac Sections

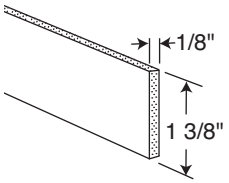
The Flex 12 unique trac construction combines a flexible insulating core that separates two flat aluminum conductors. Can be field cut and curved (see Layout & Installation Guidelines section). 25-amp capacity.

Key Features:

- Attractive satin aluminum finish
- Can be used in straight sections or field curved – see below for trac bending machine
- 25-amp capacity (12V or 24V) for long, economical runs up to 600 watts per circuit
- Available in 4′ and 8′ lengths
- Connectors that electrically and/or mechanically join trac sections into longer runs
- Can be cut to length by installer

Catalog #	Finish	Description
TF4SL	Silver	4′ trac (actual length 48″)
TF8SL	Silver	8′ trac (actual length 96″)
TFW4SL	Silver	4′ wave trac (actual length 46 1/8″)

Dimensions

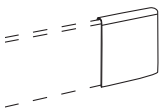


Portable Bending Machine

Catalog #	Finish	Description
JLG-B100	Silver	• Portable Bending Machine for flexible trac and rail • Bends Juno Flex 12 and MonoLine trac • Clamps to a work surface • Easily makes smooth, repeatable bends • Comes with durable carrying case

End Cover

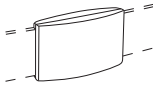
Catalog #	Finish	Description
TF30SL	Silver	• Optional vinyl-dipped sleeve protects end of trac • One End Cover per package



Connectors

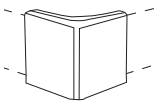
Straight Connector

Catalog #	Finish	Description
TF23SL	Silver	• Electrically and/or mechanically joins two sections of trac



Right Angle (90°) Connector

Catalog #	Finish	Description
TF24SL	Silver	• Electrically and/or mechanically joins two sections of trac at a right angle (90°)

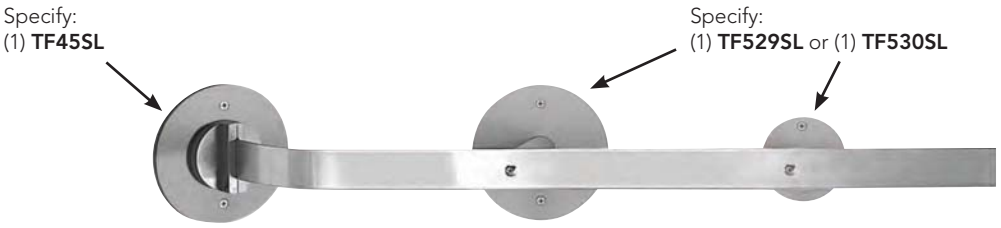


Wall Feed/Mechanical Support

The Flex 12™ system may be mechanically supported perpendicular to the wall and electrically fed through a wall-mounted outlet box that is wired to the transformer secondary.

Outrigger Feed/Mechanical Support

The Flex 12™ system may be mounted parallel to the wall and electrically fed when installed over a wall-mounted outlet box that is wired to the transformer secondary.

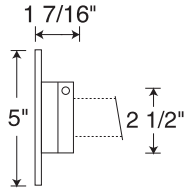


Wall Feeds & Outriggers

Wall Feed/Support Canopy

Catalog #	Finish	Description
TF45SL	Silver	• Electrically feeds and/or mechanically supports the trac perpendicular to wall • Mounts directly to wall or over standard 4" outlet box

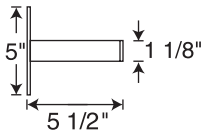
Dimensions



Electrical Feed Outrigger

Catalog #	Finish	Description
TF529SL	Silver	• Used to electrically feed power to the trac mounted parallel to the wall • Mounts over standard 4" outlet box

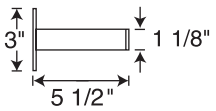
Dimensions



Mechanical Support Outrigger

Catalog #	Finish	Description
TF530SL	Silver	• Used to mechanically support the trac mount parallel to wall • Canopy fastens to wall with toggle bolts (supplied) or wood screws

Dimensions



Ceiling Suspension Hardware

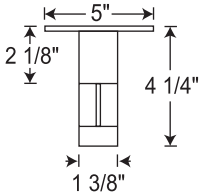
Close-to-Ceiling Feed and Mini-Support Cylinders

Low profile electrical feed cylinder and mechanical mini-support cylinder. Spaces trac 2 1/8" from mounting surface. One electrical feed per circuit is required. Best suited for use in rigid ceiling applications.

Low Profile Electrical Feed Cylinder

Catalog #	Finish	Description
TF31SL	Silver	• With integral outlet box cover • Mounts over standard 4" outlet box

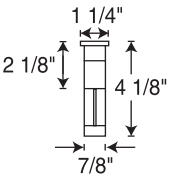
Dimensions



Low Profile Mechanical Mini-Support Cylinder

Catalog #	Finish	Description
TF32SL	Silver	• With integral micro-canopy • Secures to mounting surface with toggle bolt (supplied) or 10-24 headless hanger screw (not supplied)

Dimensions



See Layout & Installation Guidelines section for recommended mounting spacings.

Ceiling Suspension Hardware (cont)

Pendant Stem Electrical Feed
Canopy and stem assembly mounts over a standard ceiling outlet box that is wired to the transformer secondary.

Specify:
(1) **TF90SL**
or
(1) **TF91SL**
and
(1) **TF903SL**-**TF948SL**
(1) **TF21SL**

Flexible Electrical Feed
Canopy with flexible 10 gauge wire mounts over a standard ceiling outlet box that is wired to the transformer secondary.

Specify:
(1) **TF950SL**
(1) **TF21SL**

Pendant Stem Mechanical Support
Flex 12™ can be mechanically suspended from the ceiling at non-feed points from a mini-canopy using pendant stems.

Specify:
(1) **TF92SL***
(1) **TF903SL-TF948SL**
(1) **TF22SL**

*If mounting on grid, order R37D or R37F T-Bar Attachment Clip

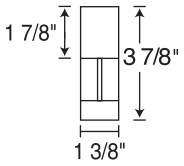
Electrical Feed & Mechanical Support Cylinders

Used in conjunction with pendant stems and threaded rod for electrical feed and mechanical support of trac.

Electrical Feed Cylinder

Catalog #	Finish	Description
TF21SL	Silver	• Used to mechanically support and electrically feed power to the trac • One electrical feed is required per circuit

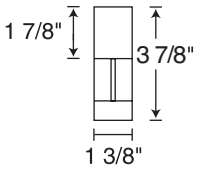
Dimensions



Mechanical Support Cylinder

Catalog #	Finish	Description
TF22SL	Silver	• Similar to Electrical Feed Cylinder less electrical contacts

Dimensions



Flexible Feed Kit

Canopy supplied with 60" or 144" of 10 gauge stranded tandem wire. Allows electrical feed location to be placed independent of mechanical supports. Can be mounted over 4" ceiling outlet boxes or used with Flex 12 Surface Transformers. Requires TF21SL Electrical Feed Cylinder (order separately).

Flexible Feed Kit

Catalog #	Finish	Description
TF950SL	Silver	• 60" Tandem Wire
TF950SL-144	Silver	• 144" Tandem Wire

Dimensions

See Layout & Installation Guidelines section for recommended mounting spacings.

Ceiling Suspension Hardware (cont)

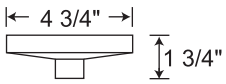
Pendant Stem Feed/Support Canopies

Used in conjunction with pendant stems for electrical feed and mechanical support of trac.

Canopy for T-Bar Ceilings

Catalog #	Finish	Description
TF90SL	Silver	• Mounts onto T-Bar runner and can be fed via flexible metal conduit or non-metallic cable entering into the top of the ceiling mounting plate

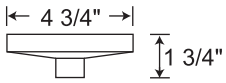
Dimensions



Canopy for Rigid Ceilings

Catalog #	Finish	Description
TF91SL	Silver	• Mounts over standard ceiling outlet boxes

Dimensions



Pendant Stem Mini-Support Canopy

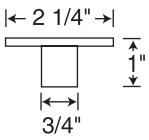
Used in conjunction with pendant stems for mechanical support of trac.

Mini-Canopy for Pendant Stems

Catalog #	Finish	Description
TF92SL	Silver	• Used in conjunction with pendant stems for mechanical support of trac • Secures to ceiling with toggle bolt (supplied), wood screw or optional T-Bar attachment clip shown below

T-Bar clips must be ordered separately.

Dimensions



T-Bar Attachment Clip

Catalog #	Description
R37F	• 15/16" grid T-bar clip for flush tile ceilings
R37D	• 15/16" grid T-bar clip for drop tile ceilings
R37-9-16	• 9/16" grid T-bar clip for flush tile or drop tile ceilings

Pendant Stems

Threaded top and bottom permit attachment to canopies and electrical feed/support cylinders. Inside diameter accommodates two 10 gauge solid THHN copper wires.

Catalog #	Finish	Description
TF903SL	Silver	3 1/2" stem length
TF912SL	Silver	12" stem length
TF918SL	Silver	18" stem length
TF924SL	Silver	24" stem length
TF936SL	Silver	36" stem length
TF948SL	Silver	48" stem length

Pendant Stem Coupling

Catalog #	Finish	Description
T96SL	Silver	• Joins pendant stems for use in higher ceiling applications

Pendant Sloped Ceiling Adapter

Catalog #	Finish	Description
T94SL	Silver	• Permits pendant stems to be hung vertically from sloped ceilings • Used in conjunction with TF91 or TF92 Ceiling Canopies • Allows feeding of up to two 12 gauge solid THHN copper wires at up to a 60-degree angle • 20-amp capacity

See Layout & Installation Guidelines section for recommended mounting spacings.

Ceiling Suspension Hardware (cont)

Wire Cable Mechanical Feed

Steel wire cable mounting offers the most elegant mean of supporting Flex 12™ trac. Ideal for trac patterns, it can be easily adjusted to a precise mounting height and has the least prominent mounting hardware. Recommended for patterns only.

Specify:
(1) **TF34SL**

Threaded Rod Mechanical Support

The Flex 12™ system can also be mechanically suspended from the ceiling at non-feed points using commonly available 10-24 threaded rod (not supplied). This method offers the most economical installation and less conspicuous mounting hardware.

Specify:
(1) **TF93SL** and (1) **TF33SL**

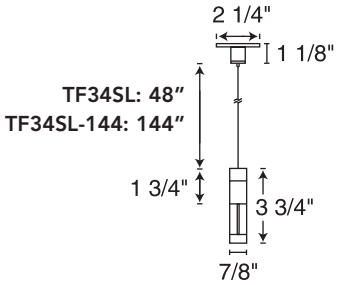
Wire Cable Mini-Support Cylinder and Mini-Canopy

Steel wire cable mounting system provides mechanical support of trac. Supplied with all mounting hardware, including mini-support cylinder, steel cable, cable glider and mini-canopy. Secures to ceiling with toggle bolt (supplied) or wood screw. Other cable lengths available – consult factory.

Wire Cable Mini-Support Cylinder and Mini-Canopy

Catalog #	Finish	Description
TF34SL	Silver	• 48" Steel Cable
TF34SL-144	Silver	• 144" Steel Cable

Dimensions



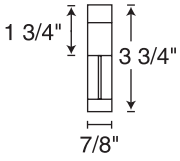
Threaded Rod Mounting Hardware

Threaded rod mounting offers a very economical solution for mechanical support of trac. Its thin profile makes it very unobtrusive and nearly unlimited rod lengths makes it ideal for high ceiling applications.

Threaded Rod Mini-Support Cylinder

Catalog #	Finish	Description
TF33SL	Silver	• Mini-support cylinder with threaded insert for supporting trac using 10-24 threaded rod (not supplied) • Provides mechanical support only • Designed to be used in conjunction with TF93SL Mini-Canopy

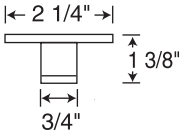
Dimensions



Mini-Canopy for 10-24 Threaded Rod

Catalog #	Finish	Description
TF93SL	Silver	• Use with 10-24 threaded rod (not supplied) and TF33SL Mini-Support Cylinder for mechanical support of trac • Secures to ceiling with toggle bolt (supplied), wood screw or optional T-Bar attachment clip shown below

Dimensions



T-Bar Attachment Clip

Catalog #	Description
R37F	• 15/16" grid T-bar clip for flush tile ceilings
R37D	• 15/16" grid T-bar clip for drop tile ceilings
R37-9-16	• 9/16" grid T-bar clip for flush tile or drop tile ceilings

See Layout & Installation Guidelines section for recommended mounting spacings.

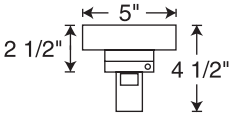
Monopoints

Flex 12™ Monopoints increase the versatility of Flex 12 fixtures and decorative pendants, allowing them to be mounted where trac sections may not offer the best aesthetic or functional solution.

Monopoint with Transformer

Catalog #	Finish	Description
TF540SL	Silver	• With integral 12-volt, 50VA electronic transformer • Accepts Juno Flex 12 halogen spotlights and decorative pendants • 120V input
TF540U-SL	Silver	• Same as above except compatible with both LED & halogen fixtures

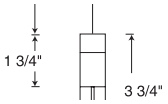
Dimensions



Monopoint

Catalog #	Finish	Description
TF40SL	Silver	• For use with remote mounted transformer

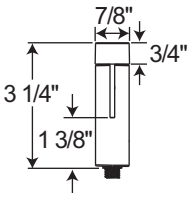
Dimensions



Quick Jack Adapter

Catalog #	Finish	Description
TFQJASL	Silver	• Quick Jack Adapter for Quick Jack directionals or decorative pendants • Rated for fixtures using maximum 50W 12V or 24V lamps

Dimensions



Flex 12™ Transformers

Specify:
(1) **TF6150E-SL**
or
(1) **TF6300SL**
and
(1) **TF903SL-TF948SL**
(1) **TF21SL**

Specify:
(1) **TF6150E-SL**
or
(1) **TF6300SL**
and
(2) **TF903SL-TF948SL**
(1) **TF21SL**
(1) **TF22SL**

Specify:
(1) **TF6150E-SL**
or
(1) **TF6300SL**
and
(1) **TF950SL (-144)**
(1) **TF21SL**

Surface Mount Transformers

Designed to mount over standard 4" ceiling outlet boxes, surface mount transformers can be used with a single pendant stem to support/feed one end of a trac run. May also be used with a Flexible Feed Kit (TF950) to create a non-rigid floating feed, independent of mechanical support of the trac. The TF6150E Electronic Surface Mount Transformer has automatic resetting overload and short-circuit protection. Should be mounted within 5' of trac. 120VAC input. The TF6300 Magnetic Toroidal Surface Mount Transformer has a manually resettable circuit breaker. 120VAC input. Not compatible with LED luminaires.

Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TF6150E-SL*	12V/120V	150 watts	1/50-150 watts	3"H x 12"Dia.
TF6300SL**	12V/120V	300 watts	1/150-300 watts	3"H x 12"Dia.

*Dimmable–for best results use dimmer designed for use with electronic transformers.
**Dimmable–for best results use dimmer specifically designed for use with magnetic transformers.

Remote Mount Magnetic Transformers

Remote Mount Magnetic Transformers are designed to be installed in remote locations such as basements, attics, plenums and electrical closets. The location must be accessible and well ventilated with ambient temperatures below 140°F. 12-volt transformers are typically used for spotlighting applications due to the ready availability of 12-volt MR11 and MR16 lamps. 24-volt transformers double the wattage capacity versus a 12-volt system and are more commonly selected for incandescent linear lighting due to their capacity for longer runs per circuit. These transformers are designed for either 120-volt or 277-volt input, and have premium resettable magnetic circuit breakers, dual-tap standard/boost tap primary input leads to adjust for voltage drop and may be dimmed using dimmers qualified by Juno. See specification sheets for dimming recommendations. Primary and secondary circuits are physically and electrically isolated and grounded. TF Series transformers have terminal block connections while TL Series transformers have wire nut connections.
Remote Mount Magnetic Transformers are compatible with all Flex 12 and Trac 12 low voltage luminaires including halogen and LED (12V transformers only).

12V Transformers (LED or Halogen-Compatible)

Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TF5300BL	12V/120V	300 watts	1/150-300 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TF5300BL-277	12V/277V	300 watts	1/150-300 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TF5600BL	12V/120V	600 watts	2/150-300 watts	11 3/8"H x 5 3/8"W x 5 1/8"D
TF5600BL-277	12V/277V	600 watts	2/150-300 watts	11 3/8"H x 5 3/8"W x 5 1/8"D

24V Transformers (Halogen-Compatible)

Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TF5600BL-24V	24V/120V	600 watts	1/300-600 watts	11 1/2"H x 5 3/8"W x 5 1/8"D
TF5600BL277-24V	24V/277V	600 watts	1/300-600 watts	11 1/2"H x 5 3/8"W x 5 1/8"D
TF51200BL-24V	24V/120V	1200 watts	2/300-600 watts	12 1/2"H x 6 1/8"W x 5 7/8"D

12V Transformers (LED or Halogen-Compatible)

Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TL575-20-BL	12V/120V	20 watts	1/0.5-20 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-20-277-BL	12V/277V	20 watts	1/0.5-20 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-40-BL	12V/120V	40 watts	1/0.5-40 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-40-277-BL	12V/277V	40 watts	1/0.5-40 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-75-BL	12V/120V	75 watts	1/0.5-75 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL575-75-277-BL	12V/277V	75 watts	1/0.5-75 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL576-10-BL*	12V/120V	10 watts	1/0.5-10 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL576-25-BL*	12V/120V	25 watts	1/0.5-25 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TL576-60-BL*	12V/120V	60 watts	1/0.5-60 watts	10 3/4"H x 4 3/8"W x 4 1/8"D
TF5150BL	12V/120V	150 watts	1/50-150 watts halogen, 75-150 watts LED	10 1/2"H x 3 5/8"W x 3 7/8"D
TF5150BL-277	12V/277V	150 watts	1/50-150 watts halogen, 75-150 watts LED	10 1/2"H x 3 5/8"W x 3 7/8"D
TL554N-BL	12V/120V	150 watts	1/50-150 watts halogen, 75-150 watts LED	8"H x 3 5/8"W x 3 1/2"D
TL554N-277-BL	12V/277V	150 watts	1/50-150 watts halogen, 75-150 watts LED	8"H x 3 5/8"W x 3 1/2"D
TL549N-BL	12V/120V	240 watts	1/120-240 watts	7 7/8"H x 4 3/8"W x 4"D
TL549N-277-BL	12V/277V	240 watts	1/120-240 watts	7 7/8"H x 4 3/8"W x 4"D
TL550N-BL	12V/120V	480 watts	2/120-240 watts	11 3/8"H x 5"W x 5"D
TL550N-277-BL	12V/277V	480 watts	2/120-240 watts	11 3/8"H x 5"W x 5"D

*TL576 is Class 2 rated

24V Transformers (Halogen-Compatible)

Catalog #	Output Voltage/ Input Voltage	Total Wattage	Number of Circuits/ Wattage per Circuit	Dimensions
TL553N-BL-24V	24V/120V	240 watts	1/120-240 watts	8"H x 4 1/4"W x 4"D
TL553N-277-BL-24V	24V/277V	240 watts	1/120-240 watts	8"H x 4 1/4"W x 4"D
TL551N-BL-24V	24V/120V	480 watts	1/240-480 watts	11 3/8"H x 5"W x 4 7/8"D
TL551N-277-BL-24V	24V/277V	480 watts	1/240-480 watts	11 3/8"H x 5"W x 4 7/8"D
TL552N-BL-24V	24V/120V	960 watts	2/240-480 watts	12 1/2"H x 6 1/8"W x 5 7/8"D
TL552N-277-BL-24V	24V/277V	960 watts	2/240-480 watts	12 1/2"H x 6 1/8"W x 5 7/8"D

NOTE: 120V magnetic transformers are available with a 6-foot cord and plug option. For cord and plug installation, add -CP6 as suffix to catalog number. Examples: TF5150BL-CP6, TL550N-BL-CP6.

Light Control Accessories

The Juno complete range of light control accessories enable the designer to custom tailor effects.

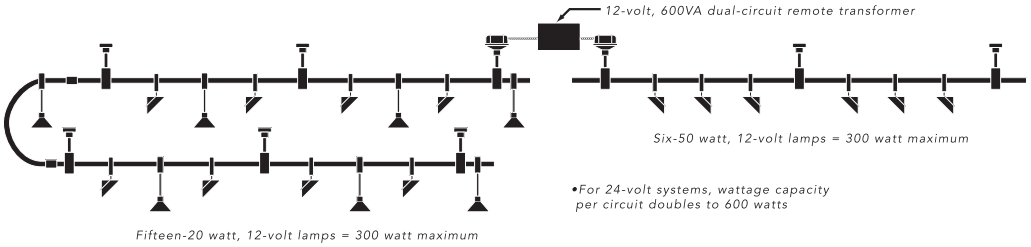
		1 3/4" DIA.	COMPATIBLE WITH	2" DIA.	COMPATIBLE WITH
Accessory Holders					
Required for listed fixtures. Accepts one filter, lens, and louver except where noted.				**T7400BL** **T7400SA** Accepts up to 2 accessories	TF130, TF301
Light Control Lenses					
These alter the light distribution of a given lamp, enlarging or elongating it, softening the beam edge or removing striations.	Uniformity Lens	**T5521**	TF106*, TF160, TF165, TF196, TFG116, TFP116	**T7421**	TF140*, TF141*, TF150*, TF170*, TF180*, TF190*, TF252 and fixtures with T7400 Accessory Holder
	Diffusion Lens	**T5520**		**T7420**	
	Prismatic Spread Lens	**T557**		**T7477**	
	Linear Spread Lens	**T559**		**T7478**	
UV Filters					
These museum quality lenses filter out ultraviolet radiation below 400 nanometers to protect fade sensitive art and objects.		**T5522**	TF106*, TF160, TF161, TF165, TF196, TFG116, TFP116	**T7422**	
Dichroic Color Correction Filters					
Color Correction Filters correct the light, either to warm it up to approximate incandescent, or cool it down to approximate daylight.	Halogen-to-Incandescent, 2700K	**T5518**		**T7418**	
	Halogen-to-Daylight, 4250K	**T5516**		**T7416**	
Color Filters	**Colored Glass Filters**				
Color Filters change white light into colored light and are available in colored glass and more efficient/saturated dichroic filters.	Medium Pink	**T551**		**T741**	
	Warm Red			**T742**	
	Daylight Blue			**T743**	
	Medium Blue	**T553**		**T744**	
	Medium Amber	**T555**		**T745**	
	Medium Green			**T746**	
	Dichroic Glass Filters				
	Red	**T5501**		**T7401**	
	Medium Green	**T5503**		**T7403**	
	Medium Blue	**T5504**		**T7404**	
	Yellow	**T5505**		**T7405**	
	Magenta	**T5506**		**T7406**	
	Blue-Green (Cyan)	**T5511**		**T7411**	
Louvers					
Hexcell louvers reduce perceived fixture brightness.	Hexcell Louvers	**T5559BL**	TF106*, TF160, TF165, TF196, TFG116, TFP116	**T7459BL**	
Snoot					
Snoots extend lamp shielding and can reduce spill light in the edge of a beam pattern.	Snoots	**T558BL**	TFG116, TFP116		
Barn Doors					
Barn Doors create a theatrical look and allow control of the spill light coming off of a lamp.	Barn Doors	**T74BL**		**T7470BL**	Fixtures with T7400 Accessory Holder

*Simultaneously accepts any combination of up to two filters, lenses or louver.

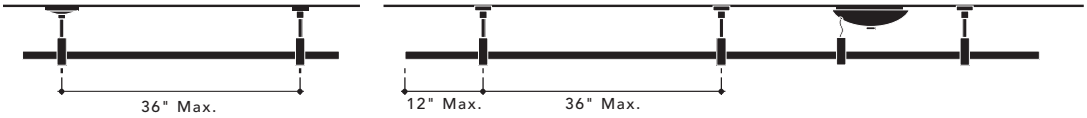
Flex 12™ | Applications
Layout & Installation Guidelines

Typical Layouts
The Flex 12™ system provides a vast amount of design flexibility, limited only by one's imagination. The following examples provide some basic ideas for layouts as well as guidelines that should be applied to any installation.

Typical Electrical Layout



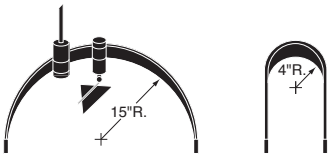
Straight Runs



For a straight 4' trac installation, a minimum of two supports must be used. For a straight 8' trac installation, a minimum of three supports are required. In all cases, the fixture weight and balance must be considered when determining necessary support quantities, spacing and locations.

(Note: In applications where a large number of trac lampholders are to be employed, more supports, more closely spaced, may be required.)

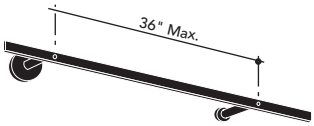
Minimum Bending Radii



The trac can be bent to a minimum radius of 15" and still successfully receive Feed Cylinders, Support Cylinders and trac lampholders.

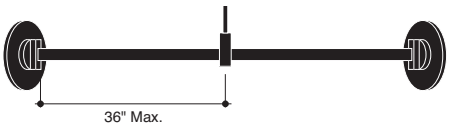
The trac can be bent as tightly as a 4" radius for design purposes but loses the ability to be safely fed with power or receive lampholders at the tight bend area. If uncertain about a desired layout, please contact the factory.

Outriggers



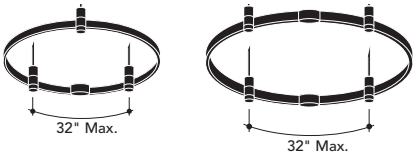
Outriggers should be spaced no greater than 36" apart. (In applications where a large number of trac lampholders are to be employed, more Outriggers, more tightly spaced, may be required.)

Wall Feed



When using a wall feed, the maximum free span of trac before a ceiling support or wall support must be employed is 36".

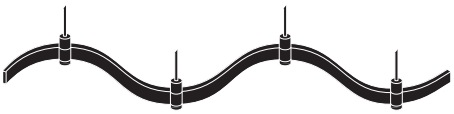
Circles



A perfect circle can be made using an 8' section of trac supported at three points 32" apart. This results in a 30.5" diameter circle.

Larger circles can be made by joining multiple trac sections, as long as supports are no greater than 32" apart.

Waveforms



For sinusoidal wave forms, it is recommended that the supports be located at the "peaks" of the wave form (at a minimum) for greater trac stability. In all cases, the fixture weight and balance must be considered when determining necessary support quantities, spacing and locations.

Trac is field-bendable by hand, plywood form or trac bending machine. Use of a full-size paper template is recommended.

Portable Bending Machine – JLG-B100

Portable Bending Machine for flexible trac and rail. Bends Juno Flex 12 and MonoLine trac. Clamps to a work surface. Easily makes smooth, repeatable bends. Comes with durable carrying case.

The product and system may be covered by the following United States patent: US 6,298,704

DANI

Decorative Pendants for All Juno Trac Systems and Monopoints

Juno specializes in trac systems and monopoints that provide functional creativity appropriate for any application – particularly those that demand an elevated level of design and flexibility. Juno Decorative Pendants are available for all Juno trac systems and offer the latest advancements in lighting technology, providing greater energy efficiency, greater performance and style.

Juno Decorative Pendants are offered in a variety of line voltage lamp choices including compact fluorescent, halogen G9 and economical incandescent medium base styles, as well as low voltage lamp choices such as ultra-efficient, long life LED and halogen bi-pin.

Contemporary Decorative Pendants
Juno Contemporary Decorative Pendants are provided complete with decorative shade, cordset, lamp (except medium base styles) and adapter or monopoint. Contemporary Pendants are available in low voltage and line voltage.

Classic Decorative Pendants
Juno Classic Decorative Pendants are ordered ala carte, with shades, cordsets, power sources and lamps (except LED) all ordered separately. Classic Pendants are also available in all-inclusive monopoint kits which makes specifying, ordering and installation a breeze.

LED Mini-Pendants
Juno LED Mini-Pendants are provided complete with the specified pendant body, cordset, LED light engine and adapter which enable them to be used with a variety of Juno LED-compatible powers sources, trac and monopoints.

With a wide variety of styles, finishes and lamp choices to choose from, you are sure to find the ideal pendant for your application.

How to Order Contemporary Low Voltage Pendants

Juno makes it simple for you to configure your low voltage Contemporary Pendants. Choose that perfect pendant, then select the Quick Jack (QJ) option if you will hang it on one of the Juno line voltage or low voltage trac systems.

If you would like to order a complete pendant fixture with a monopoint included, select from one of our non-Quick Jack monopoint options. Monopoints are the easiest way to purchase your complete pendant fixture. Everything you need is in the box.

Quick Jack

Use the Quick Jack when installing low voltage Contemporary Pendants on Juno QJ Monopoints or Juno MonoLine®, Trac-Master®, Trac-Lites™, Flex 12™, Trac 12™ or Trac 12/25 trac. Each system has its own Quick Jack adapter.

MonoLine®
MLTQJ75
MLTQJL75

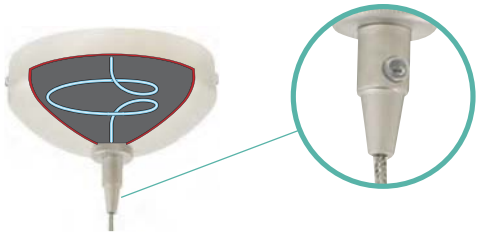
Trac-Master®
Trac-Lites™,
T537QJ
T537QJU
T538QJ

Flex 12™
TFQJA

Trac 12™
Trac 12/25
TLQJA

Monopoint Styles

Low voltage Contemporary Pendant monopoints are hardwired internally and have an adjustable strain relief in the "nipple," which allows you to easily adjust the height of the pendant without cutting the cord. The extra cord simply coils up into the canopy. Later, if further adjustments are needed, you just need to loosen the strain relief nut to adjust the pendant to a different height.



MF Type: Flat canopy monopoint with matching finish and 78" of field-shortenable cable. This complete fixture mounts over a junction box and includes the specified pendant, a flat canopy monopoint with electronic transformer (installs in junction box), mounting hardware, and lamp.

MP Type: Domed monopoint with matching finish and 78" of field-shortenable cable. This complete fixture mounts over a junction box and includes the specified pendant, a Juno domed shape monopoint with internal electronic transformer, mounting hardware, and lamp.

MP3 Type: Triple round monopoint with matching finish and 78" of field-shortenable cable. This complete fixture mounts over a junction box and includes the three specified pendants, a Juno 99014 style non-QJ triple monopoint with internal electronic transformer(s), mounting hardware, and lamps.

MF Type

MP Type

MP3 Type

Lamp Choices

LED All Juno Contemporary Decorative Pendants are available with 5-watt LED light engines (included). They feature the very latest in LED technology to deliver brilliant white light in 2700K or 3000K color temperatures with unsurpassed energy savings and an extraordinary service life of 50,000 hours. LEDs consume as little as 15% of the energy of conventional lighting and last up to 20-times longer. Juno LED pendants are fully dimmable when combined with a LED-compatible power source and appropriate dimmer.

Low Voltage Halogen Bi-Pin All of the Juno Contemporary Decorative Pendants can be ordered with 12V halogen bi-pin lamps. These economical low voltage miniature lamps provide bright, warm light which naturally warms further when dimmed.

JUNO

Contemporary | Decorative Pendants
Low Voltage (12V)

P38 Dolce

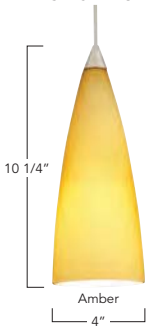
For a look that's truly "sweet" consider the P38 Dolce shade wrapped with dark, iridescent swirls. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp		Hardware Finish		Shade Finish	Example
P38	QJ		–	STN	–	CDZ	P38QJ-STN-CDZ

Mounting Adapter		Lamp		Hardware Finish		Shade Finish	
QJ	Quick Jack Adapter	Blank	12V 50W Halogen Bi-Pin	BRZ	Vintage Bronze	CDZ	Chocolate Drizzle
MF	Flat Monopoint	LA2	12V 5W LED, 2700K	STN	Satin Nickel		
MP	Single Dome Monopoint	LA3	12V 5W LED, 3000K				
MP3	Triple Disc Monopoint						

P45 Tall Dome



Create a magical aura in three contemporary colors with the impressive P45 Tall Dome cased etched glass shade. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp		Hardware Finish		Shade Finish	Example
P45	QJ	LA2	–	STN	–	AMB	P45QJLA2-STN-AMB

Mounting Adapter		Lamp		Hardware Finish		Shade Finish	
QJ	Quick Jack Adapter	Blank	12V 50W Halogen Bi-Pin	BRZ	Vintage Bronze	AMB	Amber
MF	Flat Monopoint	LA2	12V 5W LED, 2700K	STN	Satin Nickel	FRT	Frost
MP	Single Dome Monopoint	LA3	12V 5W LED, 3000K			LIM	Lime Green
MP3	Triple Disc Monopoint						

Frost Lime Green

P47 Fargo

The P47 Fargo glass shade features a hand-crafted design inspired by the fury of a winter storm. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp		Hardware Finish		Shade Finish	Example
P47	QJ	LA3	–	STN	–	BLZ	P47QJLA3-STN-BLZ

Mounting Adapter		Lamp		Hardware Finish		Shade Finish	
QJ	Quick Jack Adapter	Blank	12V 50W Halogen Bi-Pin	BRZ	Vintage Bronze	BLZ	Blizzard
MF	Flat Monopoint	LA2	12V 5W LED, 2700K	STN	Satin Nickel		
MP	Single Dome Monopoint	LA3	12V 5W LED, 3000K				
MP3	Triple Disc Monopoint						

P52 Onyx Dome

The P52 Onyx Dome shade is cut from natural Onyx stone and polished to a beautiful finish. Since no two shades are exactly alike, Juno hand-matches shades in the same sales order. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

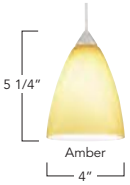
Model	Mounting Adapter	Lamp		Hardware Finish		Shade Finish	Example
P52	QJ	LA2	–	STN	–	AMO	P52QJLA2-STN-AMO

Mounting Adapter		Lamp		Hardware Finish		Shade Finish	
QJ	Quick Jack Adapter	Blank	12V 50W Halogen Bi-Pin	BRZ	Vintage Bronze	AMO	Amber Onyx
MF	Flat Monopoint	LA2	12V 5W LED, 2700K	STN	Satin Nickel	WHO	White Onyx
MP	Single Dome Monopoint	LA3	12V 5W LED, 3000K				
MP3	Triple Disc Monopoint						

Juno Onyx Pendants are natural stone, cut from the earth. Each one is a unique work of art with no two exactly alike. There is a beautiful variation of color and graining from shade to shade. Juno hand matches groups of shades that have similar characteristics per order.
Please discuss your expectations with your sales representative.

White Onyx

P61 Medium Dome



The P61 Medium Dome cased etched glass fixture is topped with a conical finial that completes its tapered shape. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

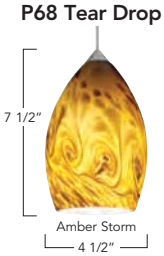
Model	Mounting Adapter	Lamp		Hardware Finish		Shade Finish	Example
P61	QJ	LA3	–	STN	–	AMB	P61QJLA2-STN-AMB

Mounting Adapter		Lamp		Hardware Finish		Shade Finish	
QJ	Quick Jack Adapter	Blank	12V 50W Halogen Bi-Pin	BRZ	Vintage Bronze	AMB	Amber
MF	Flat Monopoint	LA2	12V 5W LED, 2700K	STN	Satin Nickel		
MP	Single Dome Monopoint	LA3	12V 5W LED, 3000K				
MP3	Triple Disc Monopoint						

See "How to Order Contemporary Low Voltage Pendants" at the start of this section.

Contemporary | Decorative Pendants
Low Voltage (12V)

P68 Tear Drop



The hand-blown P68 Tear Drop glass shade comes in a dramatic hand-crafted finish which resembles the flames of a raging firestorm. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp	–	Hardware Finish	–	Shade Finish	Example
P68	QJ	LA2	–	STN	–	AMS	P68QJLA2-STN-AMS

QJ Quick Jack Adapter	**Blank** 12V 50W Halogen Bi-Pin	**BRZ** Vintage Bronze	**AMS** Amber Storm
MF Flat Monopoint	**LA2** 12V 5W LED, 2700K	**STN** Satin Nickel	
MP Single Dome Monopoint	**LA3** 12V 5W LED, 3000K		
MP3 Triple Disc Monopoint			

P88 Charlotte

Choose from three dramatic looks with the P88 Charlotte elliptical-shaped glass shade, a striking addition to any room. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

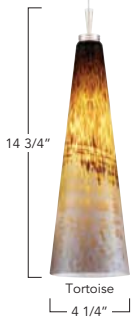
Model	Mounting Adapter	Lamp	–	Hardware Finish	–	Shade Finish	Example
P88	QJ	LA2	–	STN	–	SUN	P88QJLA2-STN-SUN

QJ Quick Jack Adapter	**Blank** 12V 50W Halogen Bi-Pin	**BRZ** Vintage Bronze	**AMS** Amber Storm
MF Flat Monopoint	**LA2** 12V 5W LED, 2700K	**STN** Satin Nickel	**RAD** Radiant Red
MP Single Dome Monopoint	**LA3** 12V 5W LED, 3000K		**SUN** Sundae
MP3 Triple Disc Monopoint			

Radiant Red

Amber Storm

P95 Long Cone



The chic P95 Long Cone art glass fixture is hand-blown in a dramatic finish which resembles a tortoise shell pattern. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp	–	Hardware Finish	–	Shade Finish	Example
P95	QJ	LA2	–	STN	–	TOR	P95QJLA2-STN-TOR

QJ Quick Jack Adapter	**Blank** 12V 50W Halogen Bi-Pin	**BRZ** Vintage Bronze	**TOR** Tortoise
MF Flat Monopoint	**LA2** 12V 5W LED, 2700K	**STN** Satin Nickel	
MP Single Dome Monopoint	**LA3** 12V 5W LED, 3000K		
MP3 Triple Disc Monopoint			

P136 Medium Cylinder

The P136 Medium Cylinder shade is crafted into a cylindrical shape from natural Onyx stone and buffed to give it an alluring appearance. Since no two shades are exactly alike, Juno hand-matches shades in the same sales order. Includes shade and hardware, 72" cordset and lamp.

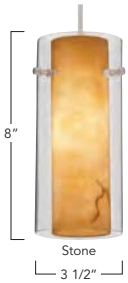
Make product selections and build your model number

Model	Mounting Adapter	Lamp	–	Hardware Finish	–	Shade Finish	Example
P136	QJ	LA2	–	STN	–	AMO	P136QJLA2-STN-AMO

QJ Quick Jack Adapter	**Blank** 12V 50W Halogen Bi-Pin	**BRZ** Vintage Bronze	**AMO** Amber Onyx
MF Flat Monopoint	**LA2** 12V 5W LED, 2700K	**STN** Satin Nickel	
MP Single Dome Monopoint	**LA3** 12V 5W LED, 3000K		
MP3 Triple Disc Monopoint			

Juno Onyx Pendants are natural stone, cut from the earth. Each one is a unique work of art with no two exactly alike. There is a beautiful variation of color and graining from shade to shade. Juno hand matches groups of shades that have similar characteristics per order.
Please discuss your expectations with your sales representative.

P160 Tubes



The P160 Tubes features a layered aesthetic with a tubular inner glass shade, available in Frost or hand-painted faux Stone finish, which is encased by a clear tubular outer glass. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp	–	Hardware Finish	–	Shade Finish	Example
P160	QJ		–	STN	–	STO	P160QJ-STN-STO

QJ Quick Jack Adapter	**Blank** 12V 50W Halogen Bi-Pin	**BRZ** Vintage Bronze	**FRT** Frost
MF Flat Monopoint		**STN** Satin Nickel	**STO** Stone
MP Single Dome Monopoint			
MP3 Triple Disc Monopoint			

Frost

See "How to Order Contemporary Low Voltage Pendants" at the start of this section.

How to Order Contemporary Line Voltage Pendants

Start by picking out your perfect pendant from the magnificent Juno collection. Next, select the adapter* for the system you will be using. Juno pendants can be installed on Trac-Master®, MonoLine®, or Monopoints.

Juno MonoLine® is an exceptionally beautiful, line voltage trac system that can be hand-bent to create aesthetic shapes and unique lighting designs. When ordering Juno pendants for MonoLine mounting, specify adapter style **ML**.

Juno Trac-Master is a robust, linear, line voltage trac system. When ordering your Juno pendants for Trac-Master mounting, specify adapter style **TB** (black finish), **TW** (white finish), or **TS** (silver finish).

Monopoint mounting allows you to install Juno line voltage pendants in any location you like without concern for trac position or clearances. The attractive cordset is field adjustable without cutting—simply coil any excess cord into the canopy. When ordering your pendants, specify adapter style **MP**.

Canopy style for medium base, G9 halogen or GU24 CFL pendants

Canopy style for 4-pin CFL pendants

*MonoLine adapter finish matches hardware finish. If different finish required, consult factory.

Lamp Choices

Once you have selected your pendant, finish and mounting system, simply choose a lamp for your Juno pendant and your order will be complete. Four line voltage lamp styles, in a variety of wattages, are available to suit virtually any application.

G9 Halogen lamps can be specified for every fixture in the Juno line voltage family, and can be used with all three available mounting systems. The included G9 frosted lamps are 120V/40W and provide bright, efficient lighting with outstanding color rendering and warm natural light when dimmed.

4-Pin CFL lamps are available for use with select Contemporary line voltage pendants for monopoint applications only. These CFL pendants come with a commercial-grade ballast that is concealed within the domed monopoint canopy. 4-pin CFL lamps offer substantial operating economies over equivalent halogen units and are available in 13, 18, and 26 watt ratings. Lamps are not included.

GU24 CFL lamps are available on select Contemporary line voltage pendants and offer substantially reduced operating costs when compared to halogen lamps. The included GU24 CFL lamp features a twist and lock base with internal ballast, and is available in 13, 18, and 26 watt ratings with warm-white color temperatures.

Medium Base "A" lamps, also known as E26 Edison base lamps, are screw-in type lamps which include incandescent, CFL, LED, and cold cathode light sources. Screw-in type lamps are commonly available and they make maintenance simple and fast. Correct lamp usage is determined by lamp size, wattage and type of lamp – check lamp manufacturer product specifications for incandescent lamp equivalency.

P38 Dolce

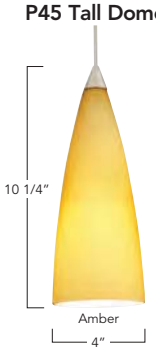
For a look that's truly "sweet" consider the P38 Dolce shade wrapped with dark, iridescent swirls. Includes shade and hardware, 72" cordset and lamp (except "A" medium base and 4-pin CFL lamp types – order separately).

Make product selections and build your model number

Model	Mounting Adapter	Lamp		Hardware Finish		Shade Finish	Example
P38	ML	G	–	STN	–	CDZ	P38MLG-STN-CDZ

Mounting Adapter		Lamp		Hardware Finish		Shade Finish	
MP	Single Dome Monopoint	A	Medium Base Socket	BRZ	Vintage Bronze	CDZ	Chocolate Drizzle
MP3	Triple Disc Monopoint	G	G9 40W	STN	Satin Nickel		
		F3	13W CFL 4-Pin (MP Monopoint Only)				
		F8	18W CFL 4-Pin (MP Monopoint Only)				
		S3	13W GU24 CFL				
ML	Juno MonoLine	A	Medium Base Socket				
TB	Juno Trac-Master, Black	G	G9 40W				
TS	Juno Trac-Master, Silver	S3	13W GU24 CFL				
TW	Juno Trac-Master, White						

P45 Tall Dome



Create a magical aura in three contemporary colors with the impressive P45 Tall Dome cased etched glass shade. Includes shade and hardware, 72" cordset and lamp (except "A" medium base and 4-pin CFL lamp types – order separately).

Make product selections and build your model number

Model	Mounting Adapter	Lamp		Hardware Finish		Shade Finish	Example
P45	ML	G	–	STN	–	AMB	P45MLG-STN-AMB

Mounting Adapter		Lamp		Hardware Finish		Shade Finish	
MP	Single Dome Monopoint	A	Medium Base Socket	BRZ	Vintage Bronze	AMB	Amber
MP3	Triple Disc Monopoint	G	G9 40W	STN	Satin Nickel	FRT	Frost
		F3	13W CFL 4-Pin (MP Monopoint Only)			LIM	Lime Green
		F8	18W CFL 4-Pin (MP Monopoint Only)				
		S3	13W GU24 CFL				
ML	Juno MonoLine	A	Medium Base Socket				
TB	Juno Trac-Master, Black	G	G9 40W				
TS	Juno Trac-Master, Silver	S3	13W GU24 CFL				
TW	Juno Trac-Master, White						

Frost Lime Green

P47 Fargo

The P47 Fargo glass shade features a hand-crafted design inspired by the fury of a winter storm. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp		Hardware Finish		Shade Finish	Example
P47	ML	G	–	STN	–	BLZ	P47MLG-STN-BLZ

Mounting Adapter		Lamp		Hardware Finish		Shade Finish	
MP	Single Dome Monopoint	G	G9 40W	STN	Satin Nickel	BLZ	Blizzard
MP3	Triple Disc Monopoint						
ML	Juno MonoLine	G	G9 40W				
TB	Juno Trac-Master, Black						
TS	Juno Trac-Master, Silver						
TW	Juno Trac-Master, White						

P52 Onyx Dome

The P52 Onyx Dome shade is cut from natural Onyx stone and polished to a beautiful finish. Since no two shades are exactly alike, Juno hand-matches shades in the same sales order. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

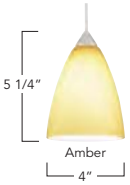
Model	Mounting Adapter	Lamp		Hardware Finish		Shade Finish	Example
P52	ML	G	–	STN	–	AMO	P52MLG-STN-AMO

Mounting Adapter		Lamp		Hardware Finish		Shade Finish	
MP	Single Dome Monopoint	G	G9 40W	BRZ	Vintage Bronze	AMO	Amber Onyx
MP3	Triple Disc Monopoint			STN	Satin Nickel	WHO	White Onyx
ML	Juno MonoLine	G	G9 40W				
TB	Juno Trac-Master, Black						
TS	Juno Trac-Master, Silver						
TW	Juno Trac-Master, White						

White Onyx

Juno Onyx Pendants are natural stone, cut from the earth. Each one is a unique work of art with no two exactly alike. There is a beautiful variation of color and graining from shade to shade. Juno hand matches groups of shades that have similar characteristics per order.
Please discuss your expectations with your sales representative.

P61 Medium Dome



The P61 Medium Dome cased etched glass fixture is topped with a conical finial that completes its tapered shape. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp		Hardware Finish		Shade Finish	Example
P61	ML	G	–	STN	–	AMB	P61MLG-STN-AMB

Mounting Adapter		Lamp		Hardware Finish		Shade Finish	
MP	Single Dome Monopoint	G	G9 40W	BRZ	Vintage Bronze	AMB	Amber
MP3	Triple Disc Monopoint			STN	Satin Nickel	OPL	Opal
ML	Juno MonoLine	G	G9 40W				
TB	Juno Trac-Master, Black						
TS	Juno Trac-Master, Silver						
TW	Juno Trac-Master, White						

Opal

See "How to Order Contemporary Line Voltage Pendants" at the start of this section.

P68 Tear Drop

The hand-blown P68 Tear Drop glass shade comes in a dramatic hand-crafted finish which resembles the flames of a raging firestorm. Includes shade and hardware, 72" cordset and lamp (except "A" medium base and 4-pin CFL lamp types – order separately).

Make product selections and build your model number

Model	Mounting Adapter	Lamp		Hardware Finish		Shade Finish	Example
P68	ML	G	–	STN	–	AMS	P68MLG-STN-AMS

Mounting Adapter		Lamp		Hardware Finish		Shade Finish	
MP	Single Dome Monopoint	A	Medium Base Socket	BRZ	Vintage Bronze	AMS	Amber Storm
MP3	Triple Disc Monopoint	G	G9 40W	STN	Satin Nickel		
		F3	13W CFL 4-Pin (MP Monopoint Only)				
		F8	18W CFL 4-Pin (MP Monopoint Only)				
		S3	13W GU24 CFL				
ML	Juno MonoLine	A	Medium Base Socket				
TB	Juno Trac-Master, Black	G	G9 40W				
TS	Juno Trac-Master, Silver	S3	13W GU24 CFL				
TW	Juno Trac-Master, White						

P88 Charlotte

Choose from three dramatic looks with the P88 Charlotte elliptical-shaped glass shade, a striking addition to any room. Includes shade and hardware, 72" cordset and lamp (except 4-pin CFL lamp types – order separately).

Make product selections and build your model number

Model	Mounting Adapter	Lamp		Hardware Finish		Shade Finish	Example
P88	ML	G	–	STN	–	SUN	P88MLG-STN-SUN

Mounting Adapter		Lamp		Hardware Finish		Shade Finish	
MP	Single Dome Monopoint	G	G9 40W	BRZ	Vintage Bronze	AMS	Amber Storm
MP3	Triple Disc Monopoint	F3	13W CFL 4-Pin (MP Monopoint Only)	STN	Satin Nickel	RAD	Radiant Red
		F8	18W CFL 4-Pin (MP Monopoint Only)			SUN	Sundae
ML	Juno MonoLine	G	G9 40W				
TB	Juno Trac-Master, Black						
TS	Juno Trac-Master, Silver						
TW	Juno Trac-Master, White						

Radiant Red

Amber Storm

P95 Long Cone

The chic P95 Long Cone art glass fixture is hand-blown in a dramatic finish which resembles a tortoise shell pattern. Includes shade and hardware, 72" cordset and lamp (except "A" medium base and 4-pin CFL lamp types – order separately).

Make product selections and build your model number

Model	Mounting Adapter	Lamp		Hardware Finish		Shade Finish	Example
P95	ML	G	–	STN	–	TOR	P95MLG-STN-TOR

Mounting Adapter		Lamp		Hardware Finish		Shade Finish	
MP	Single Dome Monopoint	A	Medium Base Socket	BRZ	Vintage Bronze	TOR	Tortoise
MP3	Triple Disc Monopoint	G	G9 40W	STN	Satin Nickel		
		F3	13W CFL 4-Pin (MP Monopoint Only)				
		F8	18W CFL 4-Pin (MP Monopoint Only)				
		F6	26W CFL 4-Pin (MP Monopoint Only)				
ML	Juno MonoLine	A	Medium Base Socket				
TB	Juno Trac-Master, Black	G	G9 40W				
TS	Juno Trac-Master, Silver						
TW	Juno Trac-Master, White						

See "How to Order Contemporary Line Voltage Pendants" at the start of this section.

P136 Medium Cylinder

The P136 Medium Cylinder shade is crafted into a cylindrical shape from natural Onyx stone and buffed to give it an alluring appearance. Since no two shades are exactly alike, Juno hand-matches shades in the same sales order. Includes shade and hardware, 72" cordset and lamp (except "A" medium base and 4-pin CFL lamp types – order separately).

Make product selections and build your model number

Model	Mounting Adapter	Lamp	–	Hardware Finish	–	Shade Finish	Example
P136	ML	G	–	STN	–	AMO	P136MLG-STN-AMO

Mounting Adapter		Lamp	
MP	Single Dome Monopoint	A	Medium Base Socket
MP3	Triple Disc Monopoint	G	G9 40W
		F3	13W CFL 4-Pin (MP Monopoint Only)
		F8	18W CFL 4-Pin (MP Monopoint Only)
		F6	26W CFL 4-Pin (MP Monopoint Only)
		S3	13W GU24 CFL
		S8	18W GU24 CFL
		S6	26W GU24 CFL
ML	Juno MonoLine	A	Medium Base Socket
TB	Juno Trac-Master, Black	G	G9 40W
TS	Juno Trac-Master, Silver	S3	13W GU24 CFL
TW	Juno Trac-Master, White	S8	18W GU24 CFL
		S6	26W GU24 CFL

Hardware Finish		Shade Finish	
BRZ	Vintage Bronze	AMO	Amber Onyx
STN	Satin Nickel		

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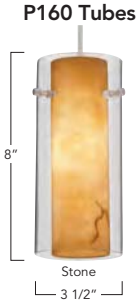
Please discuss your expectations with your sales representative.

P160 Tubes



The P160 Tubes features a layered aesthetic with a tubular inner glass shade, available in Frost or hand-painted faux Stone finish, which is encased by a clear tubular outer glass. Includes shade and hardware, 72" cordset and lamp.

Make product selections and build your model number

Model	Mounting Adapter	Lamp	–	Hardware Finish	–	Shade Finish	Example
P160	ML	G	–	STN	–	STO	P160MLG-STN-STO

Mounting Adapter		Lamp	
MP	Single Dome Monopoint	G	G9 40W
MP3	Triple Disc Monopoint		
ML	Juno MonoLine	G	G9 40W
TB	Juno Trac-Master, Black		
TS	Juno Trac-Master, Silver		
TW	Juno Trac-Master, White		

Hardware Finish		Shade Finish	
BRZ	Vintage Bronze	FRT	Frost
STN	Satin Nickel	STO	Stone

Frost

See "How to Order Contemporary Line Voltage Pendants" at the start of this section.

How to Order Classic Pendants

Juno Classic Pendants feature a brilliant selection of styles, shapes and materials ranging from luminous artisan-glass to the fashionable look of lustrous metal. Juno Classic Pendants are fully compatible with all Juno trac systems and monopoints.

Ordering a Juno Classic Decorative Pendant is simple. First, select your preferred pendant shade style from the wide array of choices. Then determine your mounting method from five trac system choices: Trac-Master, Trac-Lites, MonoLine, Trac 12, or Flex 12.

Finally choose the cordset that corresponds to your mounting system. Cordsets are ordered separately and are supplied with either an energy efficient LED light engine or halogen bi-pin socket assembly and diffuser capsule, a 78" or 144" plated coaxial cable, the specified system adapter which enables field shortening of the cable and a 7" cord straightening sleeve.

Trac-Master, Trac-Lites and MonoLine Line Voltage

To operate Juno Classic Pendants with either Trac-Master or Trac-Lites trac, select the desired Quick Jack Pendant cordset plus one of the T537QJ series or T538QJ transformers (order separately) to match the chosen light source. To operate Juno Classic Pendants on MonoLine trac, use one of the MLTQJ Quick Jack Transformer adapters.

MonoLine®
MLTQJ75
MLTQJL75

Trac-Master® Trac-Lites™,
T537QJ
T537QJU
T538QJ

Cordset Styles

Pendant cordsets are available for Juno Classic Pendants that offer compatibility with most Juno trac systems. Cordsets are selected based on both adapter type and lamp choice. There are cordsets with Trac-Master adapters for halogen lamp types; these can be used with halogen compatible transformers and accessories. There are Trac 12 and Flex 12 adapters for both LED and halogen lamp types; these can be used with their respective low voltage trac systems or with monopoints that are compatible with the chosen light source. There are Quick Jack adapters for both LED and halogen lamp types; these can be used with various transformer adapters available for line voltage trac systems or with Quick Jack monopoints that are compatible with the chosen light source. There is a cordset style designed to meet every application need.

Trac-Master®
TP78
TP144

Trac 12™
Trac 12/25
TLP78
TLP144
TLPLED78
TLPLED144

Flex 12™
TFP78
TFP144
TFPLED78
TFPLED144

Quick Jack
TLQJP78
TLQJP144
TLQJPLED78
TLQJPLED144

Lamp Choices

LED Most Juno Classic Decorative Pendants are available with 5-watt LED light engines (included). They feature the very latest in LED technology to deliver brilliant white light in 2700K or 3000K color temperatures with unsurpassed energy savings and an extraordinary service life of 50,000 hours. LEDs consume as little as 15% of the energy of conventional lighting and last up to 20-times longer. Juno LED pendants are fully dimmable when combined with a LED-compatible power source and appropriate dimmer.

Low Voltage Halogen Bi-Pin All of the Juno Classic Decorative Pendants can be specified with 12V or 24V halogen bi-pin lamps. These economical low voltage miniature lamps provide bright, warm light which naturally warms further when dimmed. Classic Pendants are compatible with either or both T4 or MR16 halogen bi-pin lamps – see specific pendant shades for lamp compatibility and wattage details. Halogen bi-pin lamps are NOT included with Classic Pendants and must be ordered separately.

TLP310 Short Cone - Glass

Hand blown cased glass shade with opal interior and satin nickel plated finial.

Catalog #	Finish
TLP310AMBERDRIFT	
TLP310COBALT	
TLP310NIGHTBLUE	
TLP310OPAL	
TLP310SUNSETGOLD	

Lamp / Cordset Compatibility

Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with 12V, 5W LED pendant cordset.

Compatible with halogen cordset and 12V or 24V, 50W max., T4 GY6.35 bi-pin capsule or MR16CG cover glass lamp.

TLP311 Short Cone - Metal

Spun metal shade with high-reflectance white interior finish and satin nickel plated finial.

Catalog #	Finish
TLP311SILVER	

Lamp / Cordset Compatibility

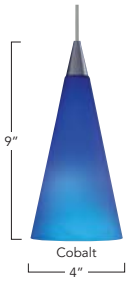
Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with 12V, 5W LED pendant cordset.

Compatible with halogen cordset and 12V or 24V, 50W max., T4 GY6.35 bi-pin capsule or MR16CG cover glass lamp.

TLP312 Tall Cone

Hand blown cased glass shade with opal interior and satin nickel plated finial.



Catalog #	Finish
TLP312COBALT	
TLP312OPAL	
TLP312PISTACHIO	
TLP312ROUGE	
TLP312SUNSETGOLD	

Lamp / Cordset Compatibility

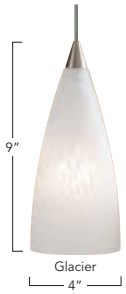
Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with 12V, 5W LED pendant cordset.

Compatible with halogen cordset and 12V or 24V, 50W max., T4 GY6.35 bi-pin capsule or MR16CG cover glass lamp.

TLP314 Flute - Glass

Hand blown cased glass shade with opal interior and satin nickel plated finial.



Catalog #	Finish
TLP314COBALTGLOSS	
TLP314GLACIER	
TLP314ICE	
TLP314INFERNO	
TLP314OPAL	

Lamp / Cordset Compatibility

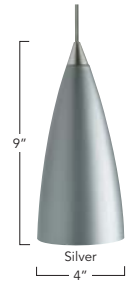
Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with 12V, 5W LED pendant cordset.

Compatible with halogen cordset and 12V or 24V, 50W max., T4 GY6.35 bi-pin capsule or MR16CG cover glass lamp.

TLP315 Flute - Metal

Spun metal shade with high-reflectance white interior finish and satin nickel plated finial. The silver finish is a textured metallic silver plated finish and the midnight finish is similar to a black chrome finish.



Catalog #	Finish
TLP315MIDNIGHT	
TLP315SILVER	

Lamp / Cordset Compatibility

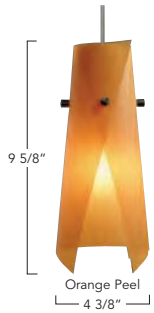
Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with 12V, 5W LED pendant cordset.

Compatible with halogen cordset and 12V or 24V, 37W max., T4 GY6.35 bi-pin capsule or MR16CG cover glass lamp.

TLP316 Wrap

Precision cut, interleaved layers of suede polycarbonate or parchment sheet captured by a nickel plated support spider and cap nuts.



Catalog #	Finish
TLP316FROST	
TLP316ORANGEPEEL	
TLP316PARCHMENT	

Lamp / Cordset Compatibility

Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with 12V, 5W LED pendant cordset.

Compatible with halogen cordset and 12V or 24V, 50W max., T4 GY6.35 bi-pin capsule or MR16CG cover glass lamp.

TLP318 Teardrop

Hand blown cased glass shade with opal interior and satin nickel plated finial.

Catalog #	Finish
TLP318ICE	
TLP318INFERNO	
TLP318GLACIER	
TLP318OPAL	
TLP318SUNSETGOLD	

Lamp / Cordset Compatibility

Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with 12V, 5W LED pendant cordset.

Compatible with halogen cordset and 12V or 24V, 50W max., T4 GY6.35 bi-pin capsule or MR16CG cover glass lamp.

TLP320 Flame

Hand blown cased glass shade with opal interior and satin nickel plated support spider.

Catalog #	Finish
TLP320INFERNO	
TLP320MAIZE	
TLP320OPAL	
TLP320PISTACHIO	

Lamp / Cordset Compatibility

Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with 12V, 5W LED pendant cordset.

Compatible with halogen cordset and 12V or 24V, 50W max., T4 GY6.35 bi-pin capsule.

TLP322 Ellipse

Hand blown cased glass shade with opal interior and satin nickel plated support spider.

Catalog #	Finish
TLP322COBALT	
TLP322OPAL	
TLP322PISTACHIO	
TLP322ROUGE	
TLP322SUNSETGOLD	

Lamp / Cordset Compatibility

Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants

Compatible with 12V, 5W LED pendant cordset.

Compatible with halogen cordset and 12V or 24V, 50W max., T4 GY6.35 bi-pin capsule.

TLP324 Cylinder

Hand blown cased glass shade with opal interior and satin nickel plated support spider.

Catalog #	Finish	Lamp / Cordset Compatibility
TLP324MAIZE		Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants Compatible with 12V, 5W LED pendant cordset. Compatible with halogen cordset and 12V or 24V, 50W max., T4 GY6.35 bi-pin capsule or MR16CG cover glass lamp.
TLP324OPAL		

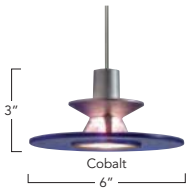
TLP326 RLM - Glass

Hand blown cased glass shade with opal interior and chrome plated top cap.

Catalog #	Finish	Lamp / Cordset Compatibility
TLP326MAIZE		Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants Compatible with 12V, 5W LED pendant cordset. Compatible with halogen cordset and 12V or 24V, 50W max., T4 GY6.35 bi-pin capsule or MR16CG cover glass lamp.
TLP326OPAL		

TLP328 Disc

Precision aluminum casting with integrated aperture ring securely supports tempered glass disc. Use of dichroic MR16 lamps washes inverted cone with a decorative aura.



Catalog #	Finish	Lamp / Cordset Compatibility
TLP328AMBER		Pendant cordset required. Must be ordered separately – Cordset selection follows Classic Low Voltage Pendants Compatible with halogen cordset and 12V or 24V, 50W max., MR16CG cover glass lamp.
TLP328COBALT		
TLP328FROST		

Classic | Decorative Pendants
LED Cordsets

Trac-Master®/Trac-Lites™/MonoLine® Line Voltage Trac

To operate LED Classic Decorative Pendants with either Trac-Master or Trac-Lites Trac, select one of the Quick Jack Pendant Cordsets shown below plus one of the LED-compatible T537QJU Transformers (order separately) to match the chosen trac finish. To operate LED Classic Decorative Pendants with MonoLine Trac, select one of the Quick Jack Pendant Cordsets shown below plus one of the MLTQJL75 LED-compatible Quick Jack Transformer Adapter. Includes LED light engine with heat sink and proprietary silicone diffuser ball, Quick Jack adapter for field-shortening cable, 78" or 144" of plated coaxial cable and 7" cord straightening sleeve.

Catalog #	Description
TLQJPLED78-XX	12V, 5W Quick Jack LED Pendant Cordset, 78" Long
TLQJPLED144-XX	12V, 5W Quick Jack LED Pendant Cordset, 144" Long

Finish: Nickel (NI)

Color Temperatures: 27K=2700K, 3K=3000K

For complete catalog number, specify finish when ordering fixture - ordering example: TLQJPLED78-**27K**-NI
(replace **XX** in catalog # with color temperature code)

Catalog #	Description
T537QJU	12V, 50W LED-Compatible Quick Jack Transformer for use with 120V Trac-Master or Trac-Lites Trac or T58 Monopoint

Finishes: White (WH), Black (BL), Silver (SL)

Quick Jack Pendant Cordsets

To operate LED Classic Decorative Pendants with Quick Jack monopoints, select one of the Quick Jack Pendant Cordsets shown below plus one of the Quick Jack LED-compatible monopoints listed below. Includes LED light engine with heat sink and proprietary silicone diffuser ball, Quick Jack adapter for field-shortening cable, 78" or 144" of plated coaxial cable and 7" cord straightening sleeve.

Catalog #	Description
TLQJPLED78-XX	12V, 5W Quick Jack LED Pendant Cordset, 78" Long
TLQJPLED144-XX	12V, 5W Quick Jack LED Pendant Cordset, 144" Long

Finish: Nickel (NI)

Color Temperatures: 27K=2700K, 3K=3000K

For complete catalog number, specify finish when ordering fixture - ordering example: TLQJPLED78-**27K**-NI
(replace **XX** in catalog # with color temperature code)

Compatible with LED-compatible Quick Jack monopoints including the following:
902QJ (when used with LED-compatible transformer)
905QJL
907QJ (when used with LED-compatible transformer)
99014QJL

Trac 12™

To operate LED Decorative Pendants with either Trac 12 or Trac 12/25 Trac or Trac 12 Monopoints, select one of the Trac 12 Pendant Cordsets shown below. Trac or monopoints must be operated using a 12V LED-compatible transformer – see Trac 12 or Trac 12/25 transformer specification sheets for details. For integral transformer monopoint application, operate with LED-compatible TL540U monopoint only. Includes LED light engine with heat sink and proprietary silicone diffuser ball, Trac 12 adapter, splice compartment with terminal block for field-shortening cable, 78" or 144" of plated coaxial cable and 7" cord straightening sleeve.

Catalog #	Description
TLPLED78-XX	12V, 5W Trac 12 LED Pendant Cordset, 78" Long
TLPLED144-XX	12V, 5W Trac 12 LED Pendant Cordset, 144" Long

Finishes: White (WH), Black (BL), Silver (SL)

Color Temperatures: 27K=2700K, 3K=3000K

For complete catalog number, specify finish when ordering fixture - ordering example: TLPLED78-**27K**-WH
(replace **XX** in catalog # with color temperature code)

Flex 12™

To operate LED Decorative Pendants with either Flex 12 Trac or Monopoints, select one of the Flex 12 Pendant Cordsets shown below. Trac or monopoints must be operated using a 12V LED-compatible transformer – see Flex 12 transformer specification sheets for details. For integral transformer monopoint application, operate with TF540U monopoint only. Includes LED light engine with heat sink and proprietary silicone diffuser ball, Flex 12 adapter, splice compartment with terminal block for field-shortening cable, 78" or 144" of plated coaxial cable and 7" cord straightening sleeve.

Catalog #	Description
TFPLED78-XX	12V, 5W Flex 12 LED Pendant Cordset, 78" Long
TFPLED144-XX	12V, 5W Flex 12 LED Pendant Cordset, 144" Long

Finishes: Silver (SL)

Color Temperatures: 27K=2700K, 3K=3000K

For complete catalog number, specify finish when ordering fixture - ordering example: TFPLED78-**27K**-SL
(replace **XX** in catalog # with color temperature code)

Trac-Master®/Trac-Lites™ Line Voltage Trac

Pendant cordset for use with 120-volt Trac-Master or Trac-Lites Trac and monopoint accessories. Requires the use of T537 or T538 transformers or Juno low voltage recessed monopoints (order separately - see Trac-Master Low Voltage Transformers and Monopoints sections). Includes splice compartment with terminal block for field-shortening cable, 78" or 144" of plated coaxial cable, 7" cord straightening sleeve, socket assembly and frosted glass diffuser capsule.

Catalog #	Description
TP78	Trac-Master Halogen Pendant Cordset, 78" Long
TP144	Trac-Master Halogen Pendant Cordset, 144" Long

Finishes: White (WH), Black (BL)

Quick Jack Pendant Cordsets

Pendant cordset for use with Quick Jack Series Transformers, Adapters or Juno QJ Monopoints. Also enables halogen Classic Decorative Pendants to be used with MonoLine trac systems using MLTQJ75 Quick Jack Transformer Adapter. Includes Quick Jack adapter for field shortening cable, 78"or 144" of plated coaxial cable, 7" cord straightening sleeve, socket assembly and frosted glass diffuser capsule.

Catalog #	Description
TLQJP78NI	Quick Jack Halogen Pendant Cordset, 78" Long
TLQJP144NI	Quick Jack Halogen Pendant Cordset, 144" Long

Finish: Nickel (NI)

Compatible with all Juno Quick Jack systems including the following:

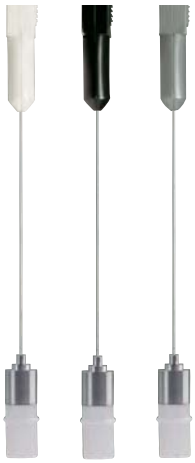
902QJ
905QJ
907QJ
909QJ
99014QJ
MLTQJ75
T537QJ
T538QJ
TQJDL-CLAMP

Trac 12™

Pendant cordset for use with Trac 12 trac systems and monopoints. Includes Trac 12 adapter, splice compartment with terminal block for field-shortening cable, 78" or 144" of plated coaxial cable, 7" cord straightening sleeve, socket assembly and frosted glass diffuser capsule.

Catalog #	Description
TLP78	Trac 12 Halogen Pendant Cordset, 78" Long
TLP144	Trac 12 Halogen Pendant Cordset, 144" Long

Finishes: White (WH), Black (BL), Silver (SL)



Flex 12™

Pendant cordset for use with Flex 12 trac systems and monopoints. Includes Flex 12 adapter, splice compartment with terminal block for field-shortening cable, 78" or 144" of plated coaxial cable, 7" cord straightening sleeve, socket assembly and frosted glass diffuser capsule.

Catalog #	Description
TFP78	Flex 12 Halogen Pendant Cordset, 78" Long
TFP144	Flex 12 Halogen Pendant Cordset, 144" Long

Finish: Silver (SL)

Halogen Bi-Pin Lamp Data
T4 Bi-Pin Base Lamps

Catalog #	Watts	Volts	Lamp Type	Clear/ Frosted	Rated Lumens*	Lamp Life*
TL925	35	12	Halogen	Clear	600	4,000
TL926	50	12	Halogen	Clear	930	4,000
TL926-24V	50	24	Halogen	Clear	850	2,000

*Rated lumens and lamp life provided by lamp manufacturer.

Quick Jack Monopoints

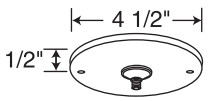
Complete series of monopoints for surface, recessed, or multi-pendant mounting. Includes integral transformer and remote transformer versions.

902QJ Flat Quick Jack Monopoint for use with Remote Transformers

Mounts over standard junction box. Wall or ceiling mount. Accepts Juno Quick Jack Pendant Cordsets. 50W max.

Catalog #	Finish
902QJ-BLK	Black
902QJ-BRZ	Vintage Bronze
902QJ-STN	Satin Nickel
902QJ-WHT	White

Dimensions

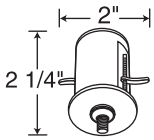


907QJ Flat Mini Quick Jack Monopoint for Remodel Applications and use with Remote Transformers

2" deep wiring compartment. 1/2" K.O. for conduit fitting. Accepts Juno Quick Jack Pendant Cordsets. 50W max.

Catalog #	Finish
907QJ-BLK	Black
907QJ-BRZ	Vintage Bronze
907QJ-STN	Satin Nickel
907QJ-WHT	White

Dimensions



8060-120V 60 Watt Miniature Transformer

With thermal protection and RFI suppression. Fits in a standard fixture Junction Box. For use with the 902QJ Monopoint and all halogen Quick Jack fixtures and pendant cordsets. 1" H, 2-5/8" L, 1-7/16" W

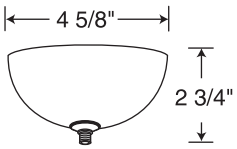
Catalog #	Input Voltage	Output
8060-120V	120V	12V, 60W

905QJL LED-Compatible Quick Jack Monopoint

With built-in LED-compatible electronic transformer. Mounts over standard junction box. For use with all Quick Jack fixtures and pendants. 50W max. output. 120V input, 12V output.

Catalog #	Finish
905QJL-BRZ	Vintage Bronze
905QJL-STN	Satin Nickel

Dimensions

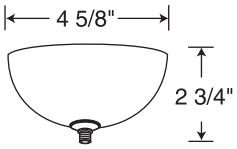


905QJ Quick Jack Monopoint

With built-in electronic transformer. Mounts over standard junction box. For use with all halogen Quick Jack fixtures and pendant cordsets. 50W max. output. 120V input, 12V output.

Catalog #	Finish
905QJ-BRZ	Vintage Bronze
905QJ-STN	Satin Nickel

Dimensions



99014QJL LED-Compatible Triple Quick Jack Monopoint

With built-in 60W LED-Compatible electronic transformer with short-circuit and overload protection. Mounts over standard junction box. For use with all Quick Jack fixtures and pendants. 3 x 20W max. output. 120V input, 12V output. 6-1/2" Quick Jack spacing. 10" diameter canopy, 12" diameter cover plate, 1-1/2" height.

Catalog #	Finish
99014QJL-BRZ	Vintage Bronze
99014QJL-STN	Satin Nickel

99014QJ Triple Quick Jack Monopoint

With three built-in electronic transformers with short-circuit and overload protection. Mounts over standard junction box. For use with all halogen Quick Jack fixtures and pendant cordsets. 3 x 50W max. output. 120V input, 12V output. 6-1/2" Quick Jack spacing. 10" diameter canopy, 12" diameter cover plate, 1-1/2" height.

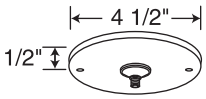
Catalog #	Finish
99014QJ-BRZ	Vintage Bronze
99014QJ-STN	Satin Nickel

909QJ Flat Quick Jack Monopoint with Integral Transformers

With built-in electronic transformer that installs inside junction box. Mounts over standard junction box. For use with all halogen Quick Jack fixtures and pendant cordsets. 50W max. output. 120V input, 12V output.

Catalog #	Finish
909QJ-BRZ	Vintage Bronze
909QJ-STN	Satin Nickel

Dimensions



Classic | Decorative Pendants
Pendant Kits

Classic Pendant Kits

Juno Classic Pendant Kits take the guesswork out of ordering monopoint mounted pendants. These kits feature many of the great Juno Classic Decorative Pendant designs in an all-inclusive monopoint kit. They are designed to mount over a standard 4" diameter electrical box and come complete with everything you need for a simple professional installation, including an elegant shade with hardware, a mounting canopy with electronic transformer, and a field-shortenable 78" long coaxial cordset with lamp. PKH halogen kits include 50W halogen bi-pin lamps; PKL LED kits include 2700K color temperature, 5W LED lamps. Juno Classic Pendant Kits can be dimmed with dimmers designed for use with electronic low voltage (ELV) transformers.

LED Kit Catalog #	Halogen Kit Catalog #	Shade Finish
PKL310AMBERDRIFT	PKH310AMBERDRIFT	
PKL310COBALT	PKH310COBALT	
PKL310NIGHTBLUE	PKH310NIGHTBLUE	
PKL310OPAL	PKH310OPAL	
PKL310SUNSETGOLD	PKH310SUNSETGOLD	
PKL311SILVER		
PKL312COBALT	PKH312COBALT	
PKL312OPAL	PKH312OPAL	
PKL312PISTACHIO		
PKL312ROUGE	PKH312ROUGE	
PKL312SUNSETGOLD	PKH312SUNSETGOLD	
PKL314COBALTGLOSS	PKH314COBALTGLOSS	
PKL314GLACIER	PKH314GLACIER	
PKL314ICE		
PKL314INFERNO	PKH314INFERNO	
PKL314OPAL	PKH314OPAL	
PKL316FROST	PKH316FROST	
PKL316ORANGEPEEL	PKH316ORANGEPEEL	
PKL316PARCHMENT	PKH316PARCHMENT	
PKL318ICE		
PKL318INFERNO	PKH318INFERNO	
PKL318GLACIER		
PKL318OPAL		
PKL318SUNSETGOLD		
PKL320INFERNO		
PKL320MAIZE		
PKL320OPAL	PKH320OPAL	
PKL320PISTACHIO		
PKL322COBALT	PKH322COBALT	
PKL322OPAL	PKH322OPAL	
PKL322PISTACHIO	PKH322PISTACHIO	
PKL322ROUGE	PKH322ROUGE	
PKL322SUNSETGOLD	PKH322SUNSETGOLD	
PKL324MAIZE	PKH324MAIZE	
PKL324OPAL	PKH324OPAL	
PKL326MAIZE	PKH326MAIZE	
PKL326OPAL	PKH326OPAL	
PKL328AMBER	PKH328AMBER	
PKL328COBALT	PKH328COBALT	
PKL328FROST	PKH328FROST	

Mini-Pendants | Decorative Pendants
LED

LED Mini-Pendants

Choose from the striking Flute design or the slender Cylinder design which is available with optional factory-installed colored glass accents.

CYLINDER FLUTE

CYLINDER with colored glass accent

AMBER BLUE FROST

Features

- Miniature precision-machined aluminum pendant body in a variety of plated or painted finishes
- Ultra-thin, plated braided cable produces elegant aesthetic
- 6-watt nominal power consumption approximates 20-watt halogen
- 37° flood distribution ideal for illuminating over tables, countertops and cash wraps
- 2700K and 3000K color temperatures with 85 CRI typical provides outstanding color rendering
- 12V AC operation using Juno LED-compatible transformers and monopoints*
- Dimmable using high-quality low voltage dimmers*
- 50,000-hour rated life provides maintenance-free operation
- Versions available for Juno Trac 12, Flex 12 and Quick Jack systems
- Supplied complete with pendant body, cordset and adapter

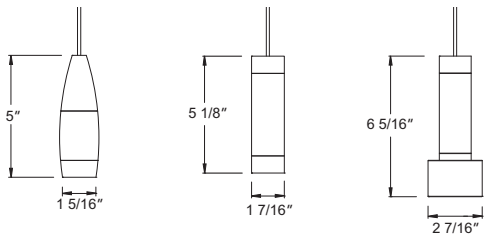
* See specification sheets for dimming and transformer compatibility recommendations

Ordering Information Examples: TLPL1783WHWH, TQJPL11443BZAMBBL

System Type	Lamp	Pendant Style	Cord Length	Color Temperature	Pendant Body Finish	Glass Color (Cylinder Only)	Adapter Finish**
TLP	L	1	78	3	WH		WH
TLP Trac 12 LED Mini-Pendant	**L** 6W LED	**1** Cylinder	**78** 78"	**2** 2700K	**WH** White	**BLANK** No Glass	**WH** White (Trac 12 & QJ Only)
TFP Flex 12 LED Mini-Pendant		**2** Flute	**144** 144"	**3** 3000K	**BL** Black	**AMB** Amber	**BL** Black (Trac 12 & QJ Only)
TQJP Quick Jack LED Mini-Pendant					**SN** Satin Nickel	**BLU** Blue	**SL** Silver (Trac 12 & Flex 12 Only)
					BZ Bronze	**FRT** Frost	**STN** Satin Nickel (QJ Only)
							BRZ Bronze (QJ Only)

**Select pendant adapter finish to match trac system, monopoint finish

Dimensions



INITIAL FOOTCANDLES

One Unit, 6W LED Mini-Pendant, 37° Beam

Distance to Illuminated	Footcandles	Beam
Work Plane (Feet)	Beam Center	Diameter
1.5	166	1.0'
2.0	94	1.4'
2.5	60	1.7'
3.0	42	2.1'
3.5	31	2.4'
4.0	23	2.8'

Pendants with optional glass accents may exhibit slightly lower light output.

JUNO®

Undercabinet Lighting

Juno undercabinet and shelf lighting fixtures are designed to provide bright, even illumination for countertops and a variety of other surfaces. Featuring slim, sleek profiles, they can be installed quickly and inconspicuously beneath kitchen cabinets and in work stations. But with their high-quality construction and attractive finishes, it's almost a shame to keep them tucked out of sight. Juno undercabinet lighting is available with the latest in LED technology, offering the ultimate in energy efficiency, cool operation, and long service life. A variety of other light source options including halogen, xenon, and fluorescent accommodates diverse application and budget requirements. No matter what your need – residential, commercial or institutional – this versatile product family provides exceptional task and accent lighting solutions.

LED … it's the new normal in undercabinet lighting

LEDs are ideal for undercabinet lighting. They are incredibly efficient and can be packaged in small, low-profile fixtures that slip discreetly beneath cabinetry or into small, confined spaces. Taking full advantage of the latest LED technology, Juno undercabinet fixtures are truly state of the art. More than just energy efficient, LEDs project virtually no heat and last 50,000 hours … that's 34 years of maintenance-free service based on four hours of use per day.

Juno Pro-Series LED fixtures approximate the light level and color of halogen undercabinet lighting but consume just one-sixth the energy. Dimmable with standard incandescent and low voltage dimmers, the warm-white LEDs provide exceptional color consistency and project virtually no heat onto work surfaces or cabinet bottoms. The sleek, beautifully finished modular housings come in a variety of lengths and can be linked together for long linear applications. The unique rear-access wiring compartment facilitates quick 5-minute installation, making the Pro-Series a favorite among contractors.

Juno Solo-Task LED luminaires are the mighty-mites of undercabinet and shelf lighting. At less than 3" in diameter and a low 9/16" profile, they hide unobtrusively under cabinets and shelves, yet produce more than 200 lumens of brilliant white light for task and accent illumination. They provide light levels comparable to 20-watt halogen or xenon, but consume only one-fourth the energy. Install them individually anywhere light is needed or connect them in daisy-chain fashion for uniform linear illumination. Solo-Task LED luminaires operate with standard Juno 12-volt electrical or magnetic transformers, simplifying installation and dimming.

Additional Undercabinet Product Solutions

Juno Lighting Group undercabinet lighting options also include the DanaLite linear lighting family and miniaturized lighting modules for the low-profile Trac 12 system, both of which are described elsewhere in this Product Guide.

JUNO®

TL214LED Linear Lighting Modules

DanaLite

Linear Lighting

Solo Task

LED PRODUCT

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Solo-Task LED

Pro-Series

LED PRODUCT

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Pro-Series LED

Page 1119

Pro-Series Xenon
Low Voltage

Page 1120

Pro-Series Halogen
Low Voltage

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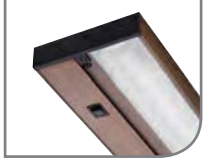

Pro-Series Fluorescent

Economy Series

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Economy Xenon
Low Voltage

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Economy Halogen
Line Voltage

Page 1124

Economy Fluorescent, T5

Application Guide

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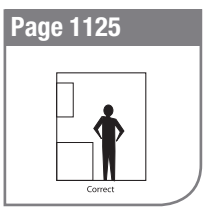

Juno Trac 12™ Trac Lighting

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Refer to Juno Trac 12
Section

DanaLite Standard and Custom Linear Lighting

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Refer to DanaLite Section

Undercabinet Lighting | Solo-Task LED

12VAC, 3000K LED Array Fixtures

Surface Mount

Recessed Mount

Description

The Solo-Task LED luminaire offers ultimate flexibility and efficiency for task and accent lighting. The diminutive size allows it to be used easily and unobtrusively in applications where lighting of both superior efficacy and quality is desired. Approximates light levels of 20-watt halogen and xenon sources while using less than ¼ of the energy, and also generates significantly less heat. The ability to use multiple Solo-Task luminaires together in a daisy-chain method makes installation simple and straightforward. Each luminaire can be installed in the desired location, and then wire can be cut to exact lengths starting from the remote driver, and connected [in-going and out-going] from luminaire to luminaire.

Features

- LED array provides outstanding performance, color quality/consistency and reliability
- 3000K white phosphor array designed to operate using 12-volt AC input
- Available in surface mount or recessed mount configurations
- Quality die-cast aluminum
- Daisy-chain capable utilizing screw-type terminal blocks
- Designer white, black, brushed bronze or satin nickel finishes.
- Rated at 50,000 hours at 70% lumen maintenance
- Onboard luminaire LED driver operates at less than 5-watts input at 12-volts AC
- May be dimmed with dimmers tested and qualified by Juno for use with TL602E and TL576 – driver/transformer specifications for compatible dimmers
- Color temperature remains constant over dimming range
- Warranty period is 5-years from date of purchase

Listing

UL/C-UL Listed • UL Listed for indoor damp locations
• RoHS compliant

Ordering Information

Model		Hardware Finish		Shade Finish	
USTL1	—	3K	—	BZ	
USTL1 Surface Mount		**3K** 3000K		**BL** Black	**SN** Satin Nickel
USTLR1 Recessed Mount				**BZ** Brushed Bronze	**WH** White

Finishes

Black | Brushed Bronze | Satin Nickel | White

Kit Ordering Information

Catalog No.	Description
UK3STL-3K-BL **UK3STL-3K-BZ** **UK3STL-3K-SN**	3 Surface Mount Luminaires, 1 Plug-in Driver/Transformer with field installed switch (black), 10-feet of wire (black), 5-adhesive backed wire clips (white)
UK3STL-3K-WH	3 Surface Mount Luminaires, 1 Plug-in Driver/Transformer with field installed switch (white), 10-feet of wire (white), 5-adhesive backed wire clips (white)

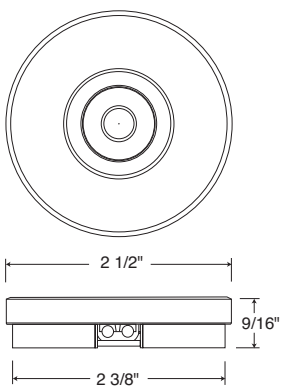
Transformers

Catalog No.	Finish	Description
TL602E-10-WH	White	10W 12V Electronic Driver/Transformer
TL602E-25-WH	White	25W 12V Electronic Driver/Transformer
TL602E-60-WH	White	60W 12V Electronic Driver/Transformer
TL576-10-BL	Black	10W 12V Magnetic Driver/Transformer
TL576-25-BL	Black	25W 12V Magnetic Driver/Transformer
TL576-60-BL	Black	60W 12V Magnetic Driver/Transformer

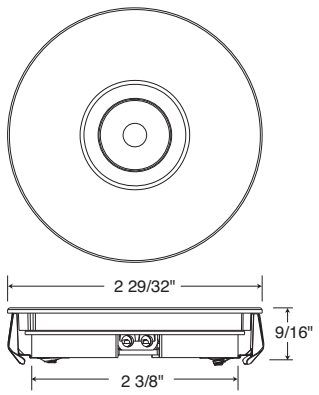
Accessories

Catalog No.	Description
UST18G-10-BL	18AWG 2-Conductor Parallel Bonded Wire, 10-feet, Black
UST18G-25-BL	18AWG 2-Conductor Parallel Bonded Wire, 25-feet, Black
UST18G-10-WH	18AWG 2-Conductor Parallel Bonded Wire, 10-feet, White
UST18G-25-WH	18AWG 2-Conductor Parallel Bonded Wire, 25-feet, White
USTL-REC-BL	Kit to convert Surface Mount to Recessed Mount, Black
USTL-REC-BZ	Kit to convert Surface Mount to Recessed Mount, Brushed Bronze
USTL-REC-SN	Kit to convert Surface Mount to Recessed Mount, Satin Nickel
USTL-REC-WH	Kit to convert Surface Mount to Recessed Mount, White

Dimensions



Surface Mount (USTL1)



Recessed Mount (USTLR1)
(2-3/4" cutout)

JUNO

Undercabinet Lighting | Pro-Series LED

Energy Efficient 2-LED, 4-LED, 6-LED & 8-LED Dimmable Fixtures

Description

The Pro-Series LED modular series with integral electronic driver operates 3000K LEDs for maintenance free 50,000 hour life using 1/6 the energy and virtually no heat when compared to halogen & xenon. Pro-Series LED fixtures are optimized for fast permanent installation, mounting either flush to the rear backsplash or to the front lip of cabinetry to suit project conditions and homeowner preference. Pro-Series LED fixtures are environmentally friendly and contain no harmful mercury.

Listing

UL/C-UL Listed

Features

- Latest generation high output / high efficiency LEDs for maximum reliability and performance
- 3000K color temperature and industry leading color consisteancy with 2 Step MacAdam Ellipse Binning.
- 70% of initial illumination at end of 50,000 hour rated life—LEDs will not burn out
- Dimmable with most incandescent, magnetic low voltage or electronic low voltage wall box dimmers
- Cool to touch operation with virtually no heat on the cabinet bottom
- No UV or forward projected heat
- Hinged lens captured by spring loaded retention bar cannot accidentally fall out
- Modular design for maximum flexibility and quick installation allows up to 40 fixtures to plug together using the supplied internal straight connector or optional jumper cords
- Rear wireway access cover with flush non-metallic cable clamp and push in electrical connectors facilitate wiring without opening the fixture
- Available in Black, Brushed Bronze, Brushed Silver and Designer White finishes

Finishes

Black

Brushed Bronze

Brushed Silver

Designer White

Ordering Information*

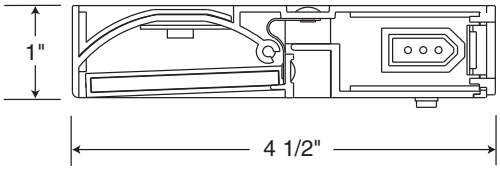
Catalog No.	Description
UPLED09-BL	9-1/2", 2 LEDs, Black
UPLED09-BZ	9-1/2", 2 LEDs, Brushed Bronze
UPLED09-SL	9-1/2", 2 LEDs, Brushed Silver
UPLED09-WH	9-1/2", 2 LEDs, Designer White
UPLED14-BL	14", 4 LEDs, Black
UPLED14-BZ	14", 4 LEDs, Brushed Bronze
UPLED14-SL	14", 4 LEDs, Brushed Silver
UPLED14-WH	14", 4 LEDs, Designer White
UPLED22-BL	22", 6 LEDs, Black
UPLED22-BZ	22", 6 LEDs, Brushed Bronze
UPLED22-SL	22", 6 LEDs, Brushed Silver
UPLED22-WH	22", 6 LEDs, Designer White
UPLED30-BL	30", 8 LEDs, Black
UPLED30-BZ	30", 8 LEDs, Brushed Bronze
UPLED30-SL	30", 8 LEDs, Brushed Silver
UPLED30-WH	30", 8 LEDs, Designer White

*Fixture includes: Mounting hardware
Electrical connector (ULH-CONN)
Joiner connector

Accessories

Catalog No.	Description	
JC3-8-BL	8" Jumper Cord, Black	
JC3-8-WH	8" Jumper Cord, Designer White	
JC3-17-BL	17" Jumper Cord, Black	
JC3-17-WH	17" Jumper Cord, Designer White	
JC3-26-BL	26" Jumper Cord, Black	
JC3-26-WH	26" Jumper Cord, Designer White	
ULH-CONN	3/8" Miniature Die-Cast Electrical Connector	
ULH-CP-BL	6' Cord & Plug, Black	
ULH-CP-WH	6' Cord & Plug, Designer White	
ULH-DWM-BL	Direct Wire Module, Black	
ULH-DWM-WH	Direct Wire Module, Designer White	

Dimensions



Undercabinet Lighting | Pro-Series Xenon

Low Voltage 1-Lamp, 2-Lamp, 3-Lamp & 4-Lamp Fixtures

Description

The Pro-Series Xenon series offers a slightly warmer color rendering than halogen using warmer tone illumination from long-life low voltage xenon lamps. Pro-Series Xenon fixtures are optimized for fast, permanent installation, mounting either flush to the backsplash or to the front lip of cabinetry to suit project conditions and homeowner preference.

Listing

UL/C-UL Listed

Features

- 12-volt xenon lamps offer slightly warmer color rendering as compared to halogen
- Integral reflector spaced away from cabinet bottom maximizes light output while reducing fixture/cabinet contact temperature
- Dimmable with standard ELV type wall box dimmers or integral high/low/off rocker switch
- Hinged lens captured by spring loaded retention bar cannot accidentally fall out
- Modular design for maximum flexibility and quick installation allows up to ten fixtures to plug together using the supplied internal straight connector or optional jumper cords
- Rear wireway access cover with flush non-metallic cable clamp and push in electrical connectors facilitate wiring without opening the fixture
- Miniature die cast fitting for flexible metal conduit, off-center knock-outs and extra mounting plate for feed-through fixture-to-fixture loop wiring increase installation versatility
- Available in Black, Brushed Bronze, Brushed Silver and Designer White finishes

Finishes

Black

Brushed Bronze

Brushed Silver

Designer White

Ordering Information*

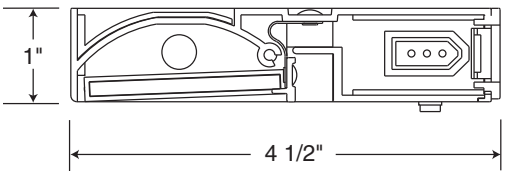
Catalog No.	Description
UPX109-BL	9", 1 Lamp, Black
UPX109-BZ	9", 1 Lamp, Brushed Bronze
UPX109-SL	9", 1 Lamp, Brushed Silver
UPX109-WH	9", 1 Lamp, Designer White
UPX214-BL	14", 2 Lamps, Black
UPX214-BZ	14", 2 Lamps, Brushed Bronze
UPX214-SL	14", 2 Lamps, Brushed Silver
UPX214-WH	14", 2 Lamps, Designer White
UPX322-BL	22", 3 Lamps, Black
UPX322-BZ	22", 3 Lamps, Brushed Bronze
UPX322-SL	22", 3 Lamps, Brushed Silver
UPX322-WH	22", 3 Lamps, Designer White
UPX430-BL	30", 4 Lamps, Black
UPX430-BZ	30", 4 Lamps, Brushed Bronze
UPX430-SL	30", 4 Lamps, Brushed Silver
UPX430-WH	30", 4 Lamps, Designer White

*Fixture includes: 12V 20W Bi-pin high-output xenon lamp(s)
Mounting hardware
Electrical connector (ULH-CONN)
Joiner connector

Accessories

Catalog No.	Description
JC3-8-BL	8" Jumper Cord, Black
JC3-8-WH	8" Jumper Cord, Designer White
JC3-17-BL	17" Jumper Cord, Black
JC3-17-WH	17" Jumper Cord, Designer White
JC3-26-BL	26" Jumper Cord, Black
JC3-26-WH	26" Jumper Cord, Designer White
ULH-CONN	3/8" Miniature Die-Cast Electrical Connector
ULH-CP-BL	6' Cord and Plug, Black
ULH-CP-WH	6' Cord and Plug, Designer White
ULH-DWM-BL	Direct Wire Module, Black
ULH-DWM-WH	Direct Wire Module, Designer White
UPX-LAMP	12V 20W Bi-pin High-Output Xenon Replacement Lamp

Dimensions



Undercabinet Lighting | Pro-Series Halogen

Low Voltage 1-Lamp, 2-Lamp, 3-Lamp & 4-Lamp Fixtures

Description

The Pro-Series Halogen Series of undercabinet lighting delivers the best color rendering and maximum light output from the whitest light source, halogen lamps. The efficient operation of low voltage lamps, combined with a unique housing/reflector system, reduces mounting surface temperatures to be comparable with xenon fixtures, but with the superior light quality of halogen. Pro-Series Halogen fixtures are optimized for fast, permanent installation, mounting either flush to the backsplash or to the front lip of cabinetry to suit project conditions and homeowner preference.

Listing

UL/C-UL Listed

Features

- 12-volt halogen lamps for optimal color rendering
- Integral reflector spaced away from cabinet bottom maximizes light output while reducing fixture/cabinet contact temperature
- Dimmable with standard ELV type wall box dimmers or integral high/low/off rocker switch
- Slim, 1" extruded aluminum profile
- Hinged lens captured by spring loaded retention bar cannot accidentally fall out
- Modular design for maximum flexibility and quick installation allows up to ten fixtures to plug together using the supplied internal straight connector or optional jumper cords
- Miniature die cast fitting for flexible metal conduit, off-center knock-outs and extra mounting plate for feed-through fixture-to-fixture loop wiring increase installation versatility
- Available in Black, Brushed Bronze, Brushed Silver and Designer White finishes

Finishes

Black

Brushed Bronze

Brushed Silver

Designer White

Ordering Information*

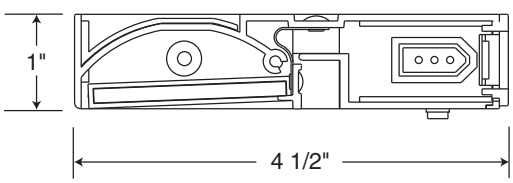
Catalog No.	Description
ULH109-BL	9", 1 Lamp, Black
ULH109-BZ	9", 1 Lamp, Brushed Bronze
ULH109-SL	9", 1 Lamp, Brushed Silver
ULH109-WH	9", 1 Lamp, Designer White
ULH214-BL	14", 2 Lamps, Black
ULH214-BZ	14", 2 Lamps, Brushed Bronze
ULH214-SL	14", 2 Lamps, Brushed Silver
ULH214-WH	14", 2 Lamps, Designer White
ULH322-BL	22", 3 Lamps, Black
ULH322-BZ	22", 3 Lamps, Brushed Bronze
ULH322-SL	22", 3 Lamps, Brushed Silver
ULH322-WH	22", 3 Lamps, Designer White
ULH430-BL	30", 4 Lamps, Black
ULH430-BZ	30", 4 Lamps, Brushed Bronze
ULH430-SL	30", 4 Lamps, Brushed Silver
ULH430-WH	30", 4 Lamps, Designer White

*Fixture includes: T3 12V 20W Bi-pin halogen lamp(s)
Mounting hardware
Electrical connector (ULH-CONN)
Joiner connector

Accessories

Catalog No.	Description
JC3-8-BL	8" Jumper Cord, Black
JC3-8-WH	8" Jumper Cord, Designer White
JC3-17-BL	17" Jumper Cord, Black
JC3-17-WH	17" Jumper Cord, Designer White
JC3-26-BL	26" Jumper Cord, Black
JC3-26-WH	26" Jumper Cord, Designer White
ULH-CONN	3/8" Miniature Die-Cast Electrical Connector
ULH-CP-BL	6' Cord & Plug, Black
ULH-CP-WH	6' Cord & Plug, Designer White
ULH-DWM-BL	Direct Wire Module, Black
ULH-DWM-WH	Direct Wire Module, Designer White

Dimensions



Undercabinet Lighting | Pro-Series Fluorescent

Low Voltage 8W, 14W, 21W & 28W Fixtures

Description

The Pro-Series Fluorescent modular series fixtures offer highly efficient illumination in a shallow, easy-to-conceal profile. Ideal for undercabinet, undershelf, and task lighting, where maximum energy efficiency, long lamp life, and cool operation are desired.

Pro-Series Fluorescent fixtures are optimized for fast permanent installation, mounting either flush to the rear backsplash or to the front lip of cabinetry to suit project conditions and homeowner preference.

Listing

UL/C-UL Listed

Features

- Fixtures include cool operating, energy efficient 3000K high-color rendering T5 fluorescent lamp
- 20,000 hour rated lamp life*
- Premium UV stabilized acrylic diffuser remains pliable and will not discolor
- Solid front design minimizes perceived fixture brightness
- State of the art 120-volt electronic ballast provides instant lamp starting and quiet, flicker-free operation
- Modular design for maximum flexibility and quick installation allows up to ten fixtures to plug together using the supplied internal straight connector or optional jumper cords
- Maximum energy efficiency:
  - 8 watts = 40 watts halogen
  - 14 watts = 75 watts halogen
  - 21 watts = 100 watts halogen
  - 28 watts = 150 watts halogen
- Available in Black, Brushed Bronze, Brushed Silver and Designer White finishes

* UPF12 supplied with an 8-watt lamp rated at 7500 hours

Finishes

Black

Brushed Bronze

Brushed Silver

Designer White

Ordering Information*

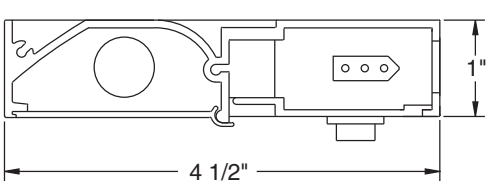
Catalog No.	Description
UPF12-BL	12-7/16", 8W T5 3000K, Black
UPF12-BZ	12-7/16", 8W T5 3000K, Brushed Bronze
UPF12-SL	12-7/16", 8W T5 3000K, Brushed Silver
UPF12-WH	12-7/16", 8W T5 3000K, Designer White
UPF22-BL	22-3/4", 14W T5 HE 3000K, Black
UPF22-BZ	22-3/4", 14W T5 HE 3000K, Brushed Bronze
UPF22-SL	22-3/4", 14W T5 HE 3000K, Brushed Silver
UPF22-WH	22-3/4", 14W T5 HE 3000K, Designer White
UPF34-BL	34-1/2", 21W T5 HE 3000K, Black
UPF34-BZ	34-1/2", 21W T5 HE 3000K, Brushed Bronze
UPF34-SL	34-1/2", 21W T5 HE 3000K, Brushed Silver
UPF34-WH	34-1/2", 21W T5 HE 3000K, Designer White
UPF46-BL	46-5/16", 28W T5 HE 3000K, Black
UPF46-SL	46-5/16", 28W T5 HE 3000K, Brushed Silver
UPF46-WH	46-5/16", 28W T5 HE 3000K, Designer White

*Fixture includes: T5 3000K tri-phosphor fluorescent lamp
Mounting hardware
Electrical connector (ULH-CONN)

Accessories

Catalog No.	Description
JC3-8-BL	8" Jumper Cord, Black
JC3-8-WH	8" Jumper Cord, Designer White
JC3-17-BL	17" Jumper Cord, Black
JC3-17-WH	17" Jumper Cord, Designer White
JC3-26-BL	26" Jumper Cord, Black
JC3-26-WH	26" Jumper Cord, Designer White
ULH-CONN	3/8" Miniature Die-Cast Electrical Connector
ULH-CP-BL	6' Cord & Plug, Black
ULH-CP-WH	6' Cord & Plug, Designer White
ULH-DWM-BL	Direct Wire Module, Black
ULH-DWM-WH	Direct Wire Module, Designer White

Dimensions



Description

The Economy Xenon luminaires offer an economical direct-wire sheet metal undercabinet alternative using long-life 12-volt xenon lamps. Low voltage xenon lamps provide a slightly warmer tone of light than low voltage halogen.

Listing

UL/C-UL Listed

Features

- 12-volt xenon lamps offer slightly warmer color rendering than halogen
- 10,000 hour rated lamp life
- Dimmable with standard ELV type wall box dimmers or integral high/low/off rocker switch
- Compact 3-1/2" D x 1-3/16" H sheet metal profile
- Slide in frosted tempered glass lens
- Integral, state of the art 120 to 12-volt electronic transformer
- Multiple electrical knock-outs in back and sides facilitate direct wire installation
- Available in Appliance White finish

Finishes

Appliance White

Ordering Information*

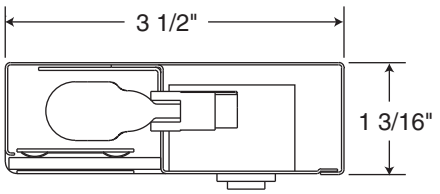
Catalog No.	Description
ULX109-WH	9", 1 Lamp, Appliance White
ULX212-WH	12", 2 Lamps, Appliance White
ULX318-WH	18", 3 Lamps, Appliance White
ULX424-WH	24", 4 Lamps, Appliance White

*Fixture includes: T5 12V 18W wedge-base xenon lamp(s)
Mounting hardware
Electrical connector (ULH-CONN)

Accessories

Catalog No.	Description
ULH-CONN	3/8" Miniature Die-Cast Electrical Connector
ULH-CP-BL	6' Cord and Plug, Black
ULH-CP-WH	6' Cord and Plug, Designer White

Dimensions



Undercabinet Lighting | Economy Halogen

Line Voltage 1-Lamp, 2-Lamp, 3-Lamp & 4-Lamp Fixtures

Description

The Line Voltage Halogen luminaires are a modular system that provides economical halogen undercabinet lighting by utilizing 120-volt halogen lamps which do not require a transformer. Line voltage halogen lamps provide a warmer tone of light than low voltage halogen. These luminaires are optimized for fast, portable installation.

Listing

UL/ C-UL Listed

Features

- 120-volt, 25 watt halogen lamps provide a warmer tone than low voltage halogen lamps
- 2,000-hour lamp life
- Dimmable with standard incandescent wall box dimmers or integral high/low/off rocker switch
- Compact 3" D x 1-5/16" H extruded aluminum profile
- Internal specular reflector maximizes light output while managing fixture/cabinet contact temperature
- Modular design is optimized for portable plug-in installations and plug-together connection of multiple fixtures
- May be permanently direct wired using optional Direct Wire Module
- Available in Designer White finish

Finishes

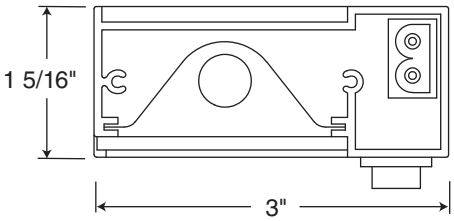
Designer White

Ordering Information*

Catalog No.	Description
UH106-WH	6", 1 Lamp, Designer White
UH212-WH	12", 2 Lamps, Designer White
UH318-WH	18", 3 Lamps, Designer White

*Fixture includes: G8 120V 25W Bi-pin halogen lamp(s)
6' Cord & Plug
Joiner connector
Mounting hardware

Dimensions



Accessories

Catalog No.	Description	
DWM1-WH	Direct Wire Module, Designer White	
JC2-8-WH	8" Jumper Cord, Designer White	
JC2-17-WH	17" Jumper Cord, Designer White	
JC2-26-WH	26" Jumper Cord, Designer White	
T925	G8 120V 25W Bi-pin Halogen Replacement Lamp	

Undercabinet Lighting | Economy Fluorescent

T5 8W, 14W, 21W & 28W Fixtures

Description

The Energy Star Certified T5 Fluorescent luminaires offer highly efficient illumination in a shallow, easy-to-conceal profile. Ideal for undercabinet, under shelf and task lighting, where maximum energy efficiency, long lamp life and cool operation are desired.

Listings

UL/C-UL Listed

Features

- Fixtures include cool operating, energy efficient 3000K high-color rendering T5 fluorescent lamp
- 20,000 hour rated lamp life
- Bright, uniform, shadow free illumination
- Compact 2-5/8" D x 1-1/16" H sheet metal profile
- Premium UV stabilized acrylic wrap-around diffuser remains pliable and will not discolor
- State of the art 120-volt electronic ballast provides instant lamp starting and quiet, flicker-free operation
- Multiple electrical knock-outs in back and sides facilitate direct wire installation
- Maximum energy efficiency:
  - 8 watts = 40 watts halogen
  - 14 watts = 75 watts halogen
  - 21 watts = 100 watts halogen
  - 28 watts = 150 watts halogen
- 2 year warranty
- Available in Silver and Appliance White finishes

Finishes

Brushed Silver

Appliance White

Ordering Information*

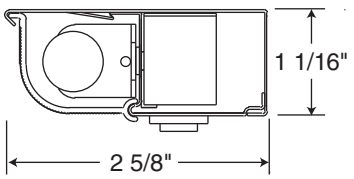
Catalog No.	Description
UFL12-SL	12", 8W T5 3000K lamp, Brushed Silver
UFL12-WH	12", 8W T5 3000K lamp, Appliance White
UFL22-SL	22", 14W T5 HE 3000K lamp, Brushed Silver
UFL22-WH	22", 14W T5 HE 3000K lamp, Appliance White
UFL34-SL	34", 21W T5 HE 3000K lamp, Brushed Silver
UFL34-WH	34", 21W T5 HE 3000K lamp, Appliance White
UFL46-SL	46", 28W T5 HE 3000K lamp, Brushed Silver
UFL46-WH	46", 28W T5 HE 3000K lamp, Appliance White

*Fixture includes: T5 3000K Tri-phosphor Lamp
Mounting hardware
Electrical connector (ULH-CONN)

Accessories

Catalog No.	Description
ULH-CONN	3/8" Miniature Die-Cast Electrical Connector
ULH-CP-BL	6' Cord and Plug, Black
ULH-CP-WH	6' Cord and Plug, Designer White

Dimensions



Selecting the Best Type of Lamp for Your Application

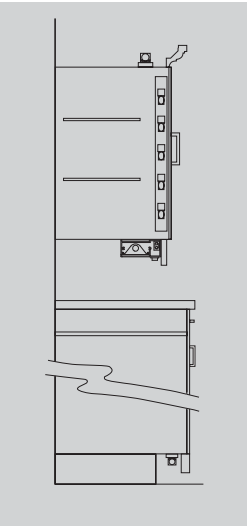
LED Light Emitting Diodes exhibit many of the characteristics of point source halogen and xenon lamps, yet, like fluorescents, operate using a fraction of the electricity with much less heat generation. At the end of their exceptionally long 50,000 hour rated life, LEDs maintain 70% of their initial output and never really burn out…they simply will produce less light as they age. Solo-Task, Trac 12, Pro-Series, and Danalite LED fixtures are dimmable, but unlike halogen or xenon lamps which take on a characteristic warm tone when dimmed, they maintain a constant color temperature throughout their dimming range. Cooler 4100K and 5000K LEDs produce more illumination than equivalent wattage 2700K or 3000K LEDs, as the cooler phosphors employed in LEDs are inherently more efficient.

Fluorescent The diffuse quality of fluorescent lamps, as used in the Fluorescent series, make them ideal for providing shadow-free task illumination in kitchens, home offices, and other work areas. Long life, very low energy consumption, andcool operating temperatures are important considerations for applications with long burning hours. The Fluorescent series uses the latest generation of high efficiency, high color rendering T5 lamps which approximates the color of halogen and has a 10,000 hour rated life.

Halogen and Xenon The specular "point-source" nature of both halogen and xenon lamps creates sparkle and highlights texture, color, and 3-dimensional definition of displayed objects. These lamps are excellent choices for task and accent lighting. In addition, they may be dimmed to create a warmer appearance and/or lower-level mood or night lighting.

- 12-volt halogen lamps, as used in the Pro-Series Halogen series, produce the whitest and brightest illumination with best color rendering using less energy and producing less heat.
- 120-volt halogen lamps, as used in the Line Voltage Halogen series, produce a warmer tone than low voltage halogen, and offer lower initial fixtures cost, as they do not require a step-down transformer to operate.
- 12-volt xenon lamps, as used in both Xenon series, produce a slightly warmer light than low voltage halogen. They also have a long 10,000-hour lamp life.
- 12- or 24-volt xenon lamps, as used in Trac 12, have a slightly warmer color temperature than halogen, and offer the most flexibility to achieve custom lighting effects such as undershelf, internal cabinet, indirect cove lighting and kick spaces. They also have a long, up to 20,000-hour life when operated at the recommended 11.5 volts.

Cabinetry Lighting Guidelines



Over Cabinets Trac 12, using 10-watt Xenon, or 1.0-watt LED lamps spaced 6" on center, generally provides excellent indirect lighting. For lower-level mood lighting, use 3 to 5-watt Xenon, or 0.5-watt LED lamps with slightly closer spacing. Juno Fluorescent and LED fixtures may also be used where energy efficiency is a primary consideration, or higher light levels are required. Placing the fixture at the front edge of the cabinet top will project light into the space and illuminate any displayed objects.

Inside Cabinets Running Trac 12 vertically on the front inside of cabinets avoids the need to put trac on each shelf. 3-watt Xenon spaced 3" on center or 0.5 watt LED lamps spaced 4" to 6" on center will generally provide adequate lighting inside a cabinet.

Under Cabinets Placing Juno undercabinet fixtures at the front lip of the cabinet conceals the fixture from view, minimizes veiling reflections, and provides maximum light on the working area of the countertop.

Kick Spaces Trac 12, using 3-watt Xenon or 0.5-watt LED lamps spaced on 4" center, provides adequate kick space lighting. Wider spacings can be used when the distance from trac to floor is greater than 4" or when even illumination is not required.

Note: Shiny flooring may cause objectionable lamp image reflections.

Task Lighting

Juno undercabinet luminaires place bright lighting onto the work surface from a source that is located in close proximity to the task being performed. This placement is optimal, as general lighting is often blocked by a body shadow or a shadow from upper cabinets. In addition, undercabinet lighting provides the increased light levels required to accurately, quickly, and safely perform tasks.

Recommended Illuminance Levels 20–50 footcandles is generally perceived as adequate to perform kitchen undercabinet tasks such as food preparation or paying bills. More detailed tasks such as sewing or craftwork require 50–100 footcandles. Tasks that are very small, have intricate detail, or involve very dark surfaces may require even higher illumination levels.

Accent Lighting

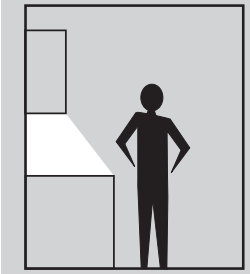
Cabinets and shelves create dark cavities that can detract from the aesthetics of a room. Juno undercabinet fixtures illuminate these cavities, to create visual interest and a sense of spaciousness, and/or to highlightobjects of interest.

Recommended Illuminance Levels Accent lighting usually requires 20 footcandles or less.

Cove Lighting

Indirectly lighting over cabinets or in architectural coves can increase the sense of spaciousness and add drama and pleasing warmth to an interior.

Recommended Illuminance Levels Cove lighting usually requires 20 footcandles or less.



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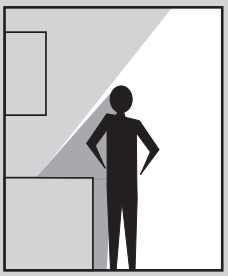


Incorrect

Special Design Considerations

Dark Interior Finishes The amount of perceived light from undercabinet, accent, and cove lighting will vary greatly depending on the reflectance value of surrounding surfaces. A dark countertop and backsplash will absorb light from undercabinet fixtures and diminish the appearance of the counter being illuminated. Likewise, indirectly illuminating a dark wood paneled ceiling from an architectural cove will be much less dramatic than illuminating a white ceiling. Allowing for increased levels of illumination can partially offset light absorption of dark surfaces.

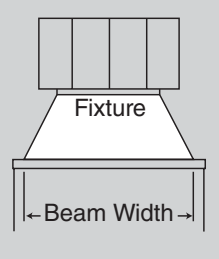
High Ambient Light Levels The apparent brightness of a lighted countertop, cabinet interior, or cove will also vary depending on the amount of general room illumination. If the general ambient lighting is 30 footcandles, then a cabinet interior illuminated to only 20 footcandles will not appear illuminated. Conversely, in a darkened room, 20 footcandles will appear brilliant. A minimum 3:1 ratio between the focus area and background is recommended to have visual impact.

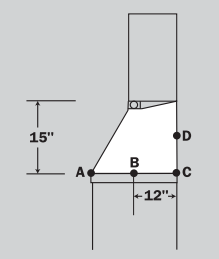
Age As age increases, so does our need for light. A typical 65-year-old needs 10 to 15 times more light than a teenager to experience equal visual acuity.

Shiny Work Surfaces For high-gloss countertops and backsplashes, place the fixture at the front edge of the cabinet to minimize glare reflecting back into the eyes of someone working at the counter. Keep in mind that shiny dark surfaces act like a mirror, and will reflect any source of light that is placed above them. How the reflected image of one fixture appears vs. another is subjective.

Footcandles on Horizontal Work Surface

Fixture	Cat #	Lamp	Beam Width*	Footcandles*** A	B	C	D
Solo-Task LED	USTL1/USTLR1	(3) 4-watt LEDs, 3000K	51″	29	77	42	30
	USTL1/USTLR1	(3) 4-watt LEDs, 3000K	53″	29	61	41	30
	USTL1/USTLR1	(3) 4-watt LEDs, 3000K	56″	26	42	34	27
Pro-Series LED	UPLED09	(2) 1-watt LEDs, 3000K	20″	12	37	17	13
	UPLED14	(4) 1-watt LEDs, 3000K	22″	22	64	31	24
	UPLED22	(6) 1-watt LEDs, 3000K	28″	30	86	41	31
	UPLED30	(8) 1-watt LEDs, 3000K	32″	35	97	50	38
Pro-Series Halogen	ULH109	(1) 20-watt Halogen	21″	8	29	26	34
	ULH214	(2) 20-watt Halogen	23″	14	52	46	52
	ULH322	(3) 20-watt Halogen	31″	23	72	63	59
	ULH430	(4) 20-watt Halogen	36″	23	74	69	61
Pro-Series Xenon	UPX109	(1) 20-watt High-Output Xenon	21″	9	31	28	35
	UPX214	(2) 20-watt High-Output Xenon	27″	15	53	48	54
	UPX322	(3) 20-watt High-Output Xenon	34″	24	72	65	62
	UPX430	(4) 20-watt High-Output Xenon	43″	23	75	69	64
Pro-Series Fluorescent	UPF12	8-watt T5 Fluorescent	24″	22	64	34	39
	UPF22	14-watt T5 HE Fluorescent	31″	37	105	59	65
	UPF34	21-watt T5 HE Fluorescent	41″	47	126	75	73
	UPF46	28-watt T5 HE Fluorescent	50″	61	162	100	96
Economy Fluorescent	UFL12	8-watt T5 Fluorescent	24″	32	77	68	93
	UFL22	14-watt T5 HE Fluorescent	31″	64	135	130	157
	UFL34	21-watt T5 HE Fluorescent	41″	66	140	131	140
	UFL46	28-watt T5 HE Fluorescent	50″	83	171	166	170
Economy Xenon	ULX109	(1) 18-watt Xenon	21″	14	25	20	25
	ULX212	(2) 18-watt Xenon	24″	30	52	42	49
	ULX318	(3) 18-watt Xenon	28″	40	72	55	59
	ULX424	(4) 18-watt Xenon	32″	44	75	64	61
Economy Line Voltage Halogen	UH106	(1) 25-watt Halogen	12″	8	33	19	18
	UH212	(2) 25-watt Halogen	22″	12	60	35	35
	UH318	(3) 25-watt Halogen	28″	19	93	51	48
DanaLite LED	DL112-3-C	(4) 3000K 1-watt LEDs	**	15	36	22	23
	DL112-4-C	(4) 4100K 1-watt LEDs	**	20	48	30	32
	DL112-5-C	(4) 5000K 1-watt LEDs	**	24	56	36	39
	DL112-3H-C	(4) High CRI, 3000K 1W LEDs	**	13	31	19	20
Trac 12 Linear Lampholders	TL201	5-watt Xenon, 3″ On Center	**	10	31	20	22
	TL202	10-watt Xenon, 12″ On Center	**	12	36	23	25
	TL211	10-watt Xenon, Rigid Loop, 6″ On Center	**	14	43	28	30
	TL212	10-watt Xenon, Festoon, 6″ On Center	**	17	52	34	36
	TL103	20-watt Halogen, 12″ On Center	**	16	66	56	60
Trac 12 LED	TL214LEDX1-27K	0.5-watt 2700K LED, 3″ On Center	**	17	45	27	22
	TL214LEDX1-3K	0.5-watt 3000K LED, 3″ On Center	**	17	46	27	22
	TL214LEDX1-35K	0.5-watt 3500K LED, 3″ On Center	**	18	48	28	23
	TL214LEDX1-4K	0.5-watt 4000K LED, 3″ On Center	**	19	50	30	24
	TL214LEDX2-27K	1.0-watt 2700K LED, 3″ On Center	**	34	90	52	43
	TL214LEDX2-3K	1.0-watt 3000K LED, 3″ On Center	**	34	91	54	44
	TL214LEDX2-35K	1.0-watt 3500K LED, 3″ On Center	**	34	91	54	44
	TL214LEDX2-4K	1.0-watt 4000K LED, 3″ On Center	**	38	99	58	47
	TL214LEDX3-27K	1.5-watt 2700K LED, 3″ On Center	**	49	127	73	59
	TL214LEDX3-3K	1.5-watt 3000K LED, 3″ On Center	**	50	134	78	63
	TL214LEDX3-35K	1.5-watt 3500K LED, 3″ On Center	**	53	139	82	66
	TL214LEDX3-4K	1.5-watt 4000K LED, 3″ On Center	**	55	147	86	69





* Beam width defined as 50% of maximum footcandles.

** Assumes continuous lighting, so beam width is same as counter width. Rear wall reflectance 50%. Counter surface reflectance 20%.

*** Except for Solo-Task LED and Trac 12 items, all data is for a single fixture.

DanaLite

Architectural Linear Lighting

DanaLite linear fixtures provide an architectural-grade solution to some of today's most challenging lighting scenarios. Coves, cabinetry, artwork, signage, display cases and counters are just a few of the difficult lighting applications that these fixtures can handle with ease. With profiles as little as a half-inch high by one-inch wide, the fixtures tend to "disappear," while architectural details, displays, or merchandise take center stage. Featuring a variety of profiles, custom lengths, and multiple light-source choices – including ultra-efficient LEDs – DanaLite fixtures can be individually tailored to your needs, whether they are residential, retail, or commercial.

Architectural Linear Lighting

DanaLite LED linear lighting leads the way in energy savings

DanaLite LED lighting combines state-of-the-art LED technology with low-profile fixture designs to produce the industry's most versatile, energy-efficient, linear lighting product family. Each LED fixture offers service life of 50,000 hours that, combined with minimal power requirements, yields exceptionally low operating costs.

DanaLite Ultra-Slim LED modules measure just 1/2" high by 1" wide, making them easy to conceal in even the tightest confines, such as coves, cabinets, and display cases. Available in either 6" or 12" lengths, they produce up to 263 lumens per foot and can be linked together in runs up to 16'. Operating on as little as 3-watts per fixture, they are exceptionally energy-efficient, with efficacies up to 53 lumens per foot. These super-sleek fixtures are offered with clear or frosted lenses.

DanaLite Custom Length LED fixtures can be provided in virtually any length from 9" to 144", in five versatile profiles and five beautiful finishes. They produce up to 263 lumens per foot with efficacies up to 53 lumens per foot and consume just one-fifth the energy of equivalent halogen. The extruded aluminum housings feature profiles as small as 1" x 1", enabling them to fit unobtrusively in a wide variety of custom linear lighting applications.

DanaLite fixtures … a bevy of linear lighting choices

In addition to advanced LEDs, DanaLite linear lighting is also offered with fluorescent light sources. A wide variety of compact, extruded housings enable you to configure a fixture that integrates seamlessly into showcases, coves, and cornices. Depending on the model, you can specify custom lengths, lamp type, and lamp spacing, thereby tailoring the lighting characteristics to virtually any application.

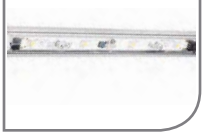
The elegant aluminum profiles incorporate asymmetrical optics designed to evenly distribute high-quality light from the front edge of a cabinet or project uniform luminance from a cove. Diffusing lenses are offered with many of the fixtures, providing even illumination, as well as an excellent solution for food service environments that require lamp containment. No matter what the linear lighting application, DanaLite fixtures offer an ideal, architectural-grade solution.

LED

LED PRODUCT
Page 1132

DL Series, Standard
Ultra-Slim LED Fixtures

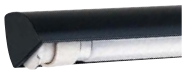
LED PRODUCT
Page 1133



L Series
Custom LED Fixtures

Fluorescent

Page 1134



F Series T8 Fluorescent
Custom Length

Page 1135

FF7 & F12 Series
T8 Fluorescent Custom
Length with Shielding

Page 1136

F5 Series
T5/T5HO Fluorescent
Custom Length

Page 1137

SF2 Series
T2 Fluorescent
Custom Length

Accessories

Page 1138

Mounting Hardware

Page 1139

LED Drivers

Page 1140

Ballasts & Lamps

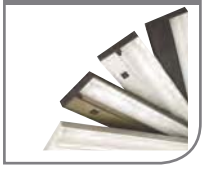
Juno Trac 12 Trac Lighting

Page 1045

Refer to Juno Trac 12
Section

Juno Undercabinet Lighting

Page 1112



Refer to Undercabinet
Section

Michal Negrin
Cul-de-Sac
Jewelry
MICHELE

DanaLite

Architectural Linear | DL Series

Standard Ultra-Slim LED Fixture

Description

This Ultra-Slim modular LED system delivers uniform illumination in even the most space-restricted applications. At only 1/2" deep, the ultra-slim sleek design blends effortlessly into casework, cabinetry, and architectural details.

Features

Lamp (2) or (4) nominal 1-watt high output Nichia LEDs available in 85 CRI 3000K, 4100K or 5000K or 92 CRI 3000K • The DL100 luminaires are projected to have 70% lumen maintenance after 50,000 hours of operation • On board constant current control circuit ensures that all LEDs will produce the same amount of light anywhere along the length of a run of fixtures (up to 16' off of a single driver)

Housing LED's are surface mounted on thermally conductive printed circuit board which is in direct contact with an extruded aluminum base for efficient thermal dissipation • Designed for even LED spacing over linear runs with no hot/dark spots between fixtures

Electrical Designed for use with 24-volt DC electronic Class 2 remote mount drivers (ordered separately) available in wattages ranging from 17 to 100 watts • The drivers are UL/C-UL Listed

Lens Supplied with either a Clear or Diffuse Frosted Polycarbonate lens

Drivers Drivers are not included with fixture. Order drivers separately. Select driver based on 6W per foot. See LED Drivers in Accessories section for details

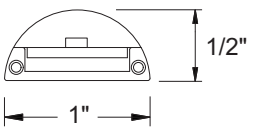
Dimming Dimmable with approved drivers and dimmers • See LED Drivers in Accessories section for details

Listing UL/C-UL Listed

Fixture Ordering Information

Cat. No.	Color Temperature	CRI Typ.	Watts Max	Lumens Per Fixture
6" Clear Lens Fixture				
DL106-3C	3000K	85	3	85
DL106-4C	4100K	85	3	111
DL106-5C	5000K	85	3	132
DL106-3HC	3000K	92	3	70
6" Frosted Lens Fixture				
DL106-3F	3000K	85	3	63
DL106-4F	4100K	85	3	81
DL106-5F	5000K	85	3	94
DL106-3HF	3000K	92	3	50
12" Clear Lens Fixture				
DL112-3C	3000K	85	6	170
DL112-4C	4100K	85	6	222
DL112-5C	5000K	85	6	263
DL112-3HC	3000K	92	6	140
12" Frosted Lens Fixture				
DL112-3F	3000K	85	6	126
DL112-4F	4100K	85	6	161
DL112-5F	5000K	85	6	187
DL112-3HF	3000K	92	6	100

Dimensions



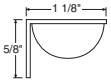
5 1/2" L*
or
11 1/2" L*

*Length without connectors.

Optional Mounting Extrusions (order separately)

Satin Aluminum Finish

Fascia Shield

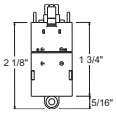
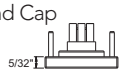
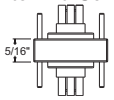
Cat. No.	Length	Dimensions
DL103-MS48-S	48"	
DL103-MS96-S	96"	

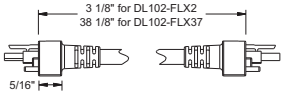
45° Angle Mount

Cat. No.	Length	Dimensions
DL103-AME48-S	48"	
DL103-AME96-S	96"	

Electrical Connectors (order separately)

The miniature size of the connectors make this system virtually seamless, delivering uniform light and eliminating socket shadows. Fixtures can be joined end-to-end with a joiner-connector or a flexible connector, providing maximum versatility.

Catalog No.	Description	
DL101-P	118" Starter Power Cable (can be field shortened). See specification sheet for details on longer power cables).	
DL101-TB Accepts solid or stranded 2 or 3 conductor cable (incl. ground), 14 - 20AWG	Terminal Block Connector 	
DL101-E	End Cap 	
DL102-EE	End-to-End Connector 	
DL102-FLX2	2-1/2" Flexible End-to-End Connector	
DL102-FLX37	37-1/2" Flexible End-to-End Connector	



DanaLite

Architectural Linear | L Series
LED Custom Lengths

Description
Energy efficient, cool operating linear LED lighting housed in a variety of aluminum extrusions designed to be integrated into casework, shelving, displays and kiosks. Provides up to 263 lumens per foot

Features
Lamp 1-watt high output Nichia LEDs spaced 3" OC • Rated 50,000 hour life at 70% of initial lumens based on testing in a 25 degree C ambient environment with the LED junction temperatures measured below the LED manufacturer's published maximums • Available in 85 CRI 3000K, 4100K and 5000K or 92 CRI 3000K

Construction Extruded aluminum housing, injection molded endcaps

Lens Injection molded clear or diffuse opal polycarbonate lens

Electrical For use with remote 24V DC Class 2 power supply, ordered separately • LEDs surface mounted on thermally conductive printed circuit board which is in direct contact with an extruded aluminum base for efficient thermal dissipation • On board constant current control circuit ensures that all LEDs will produce the same amount of light anywhere along the length of a run • Select driver based on 6W per foot

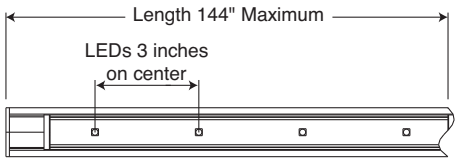
Installation
L2, L3, L4 & L5: Supplied with 110" of Class 2 supply cable and electrical fitting to accept 3/8" flexible metal conduit • L6: Side and Top Mount options supplied with swivel and 110" of Class 2 supply cable for use with MK canopy and stems (ordered separately)

Dimming Dimmable with approved drivers and dimmers • See LED Drivers in Accessories section for details

Labels UL/C-UL Listed for use in dry locations

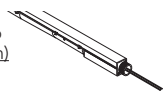
Ordering Information Example: **L3-50-4F-B-RE**

Fixture	Extrusion	Length	Module	Lens	Finish	Electrical Feed
L	3	50	4	F	B	RE
L-LED	**2**-#2 **3**-#3 **4**-#4 **5**-#5 **6**-#6	Specify custom length as required to nearest 1/8" from 9 1/4" to 144"	**3**-3000K **4**-4100K **5**-5000K **3H**-3000K, 92 CRI	**C**-Clear **F**-Frosted	**W**-White **B**-Black **S**-Satin Aluminum **A**-Polished Aluminum **G**-Polished Gold	**E**-Universal End (#2 & #3 only) **RE**-Right End **LE**-Left End **RB**-Right Back **LB**-Left Back **RF**-Right Front **LF**-Left Front (#2, 3, 4, 5 only) **SMR**-Side Mount Right **SML**-Side Mount Left **TM**-Top Mount (#6 only)

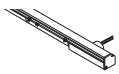


Drivers
Drivers are not included with fixture. Order drivers separately. Select driver based on 6W per foot. See LED Drivers in Accessories section for details.

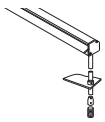
Feed Options
End Feed (adds 1/2" to fixture length)
Right End
Left End



Back Feed
Right Back
Left Back

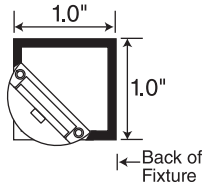


Front (down-tube) Feed
Right Front
Left Front



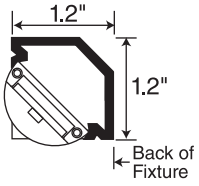
Fixture Extrusion Dimensions

#2 Square Extrusion



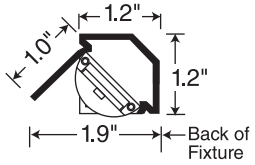
- Ideal for under/over cabinets, toe-kicks, built-ins and coves where longer lengths are required
- Complete with MC1 mounting clips (not shown). Mounting clip adds 1/8" to height
- Supplied with 1/2" flex connector (adds 1/2" to length) and 110" leads

#3 Five-Sided Extrusion



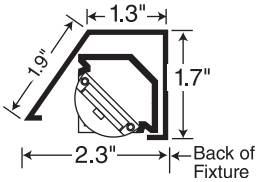
- Ideal for applications that require additional mounting flexibility for showcases and built-ins
- Complete with MC2 mounting clips (not shown). Mounting clip adds 1/8" to height
- Supplied with 1/2" flex connector (adds 1/2" to length) and 110" leads

#4 Five-Sided Extrusion with Shield



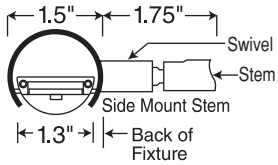
- Ideal for exposed showcases, built-ins and accent lighting applications
- Complete with MC2 mounting clips (not shown). Mounting clip adds 1/8" to height
- Supplied with 1/2" flex connector (adds 1/2" to length) and 110" leads

#5 Enclosed Five-Sided Extrusion



- The most popular extrusion for exposed showcase illumination
- Complete with MC4 mounting clips (not shown). Mounting clip adds 1/8" to height
- Supplied with 1/2" flex connector (adds 1/2" to length) and 110" leads

#6 Cylindrical Extrusion



- Ideal for showcase, feature displays and artwork illumination
- Supplied with fixture swivel and 110" of lead wire
- Optional MK Canopy Mounting kit with stem sold separately (see Mounting Hardware in Accessories section for details)

Description

T8 fluorescent linear lighting in a variety of extruded aluminum profiles for cabinetry, showcase, cove, wall and ceiling mount applications

Features

Lamp For use with F15T8, F17T8, F25T8, F32T8 or F40T8 medium bi-pin fluorescent lamps • Lamps are ordered separately

Housing Extruded aluminum • Fixtures are provided without end caps unless specified • Optional end caps are steel

Ballast Remote mount • UL Listed • High power factor • Class "P" thermally protected • Meets FCC, RFI requirements • Order ballasts separately

Listings UL Listed for damp locations • Union made AFL-CIO • CSA certified

Ordering Information Example: **F9-35-17-W-RE**

Fixture	Extrusion	Length	Lamp Wattage (Length Guidelines)	Finish	Electrical Feed
F	9	35	17	W	RE
F-Fluorescent T8	**7**-#7 **8**-#8 **9**-#9 **10**-#10 **11**-#11	Specify custom length as required to nearest 1/8" up to 144" max. See wattage for length guidelines	**15**-15W (23"-28") **17**-17W (29"-40") **25**-25W (41"-52") **32**-32W (53"-64") **40**-40W (65"-75") Verify wattage with length	**W**-White **B**-Black **S**-Satin Aluminum	**RE**-Right End **LE**-Left End **RB**-Right Back **LB**-Left Back **RF**-Right Front **LF**-Left Front (#7, 8, 9, 10 only) **SMR**-Side Mount Right **SML**-Side Mount Left **TM**-Top Mount (#11 only)

Lamps

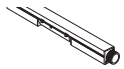
Lamps are not included with fixture. Order lamps separately. See Ballasts & Lamps in Accessories section for details.

Ballast

Ballasts are not included with fixture. Order ballasts separately. See Ballasts & Lamps in Accessories section for details.

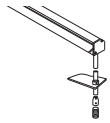
Right and left are determined as you face the back of the fixture. FEED OPTIONS APPLY TO ALL EXTRUSIONS.

End Feed (adds 1/2" to fixture length)
Right End
Left End



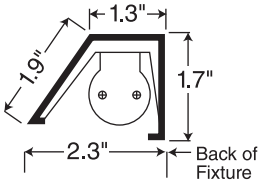
Back Feed
Right Back
Left Back

Front (down-tube) Feed
Right Front
Left Fron



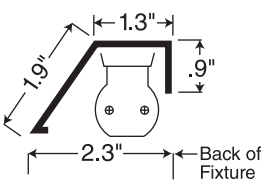
Fixture Extrusion Dimensions

#7 Enclosed Extrusion



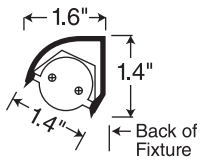
- This extrusion has become the standard for showcase fluorescent lighting throughout the industry
- Complete with MC4 end mounting brackets (not shown). Mounting brackets add 1/8" to height
- Supplied with 1/2" flexible conduit (36" for front/back feed, 72" for end feed) and 96" wire leads

#8 Semi-Enclosed Extrusion



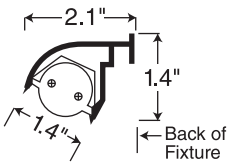
- Ideal for showcases, built-ins and coves; the shortened rear portion increases backlight distribution and improves efficiency
- Complete with MC4 end mounting brackets (not shown). Mounting brackets add 1/8" to height
- Supplied with 1/2" flexible conduit (36" for front/back feed, 72" for end feed) and 96" wire leads

#9 Curved Extrusion



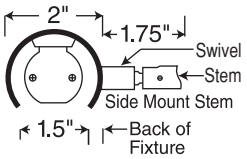
- For either showcases or cove lighting, this series is preferred for its small profile and soft, curved design
- Complete with MC4 end mounting brackets (not shown). Mounting brackets add 1/8" to height
- Supplied with 1/2" flexible conduit (36" for front/back feed, 72" for end feed) and 96" wire leads

#10 Rail Extrusion



- Designed for showcase lighting, this modified aluminum fixture has a built-in front rail that installs directly onto showcase glass
- Supplied with 1/2" flex connector (adds 1/2" to length) and 96" leads

#11 Cylindrical Extrusion



- An excellent light source for showcases, feature displays and artwork illumination
- Supplied with fixture swivel and 96" of lead wire
- Optional MK Canopy Mounting kit with stem sold separately (see Mounting Hardware in Accessories section for details)

Description

T8 fluorescent linear lighting available in two extrusion options feature lamp shielding designed to meet lamp containment requirements often encountered in food applications

Features

Lamp For use with F15T8, F17T8, F25T8, F32T8 or F40T8 medium bi-pin fluorescent lamps • Lamps are ordered separately

Housing Extruded aluminum • Fixtures are provided without end caps unless specified • Optional end caps are steel

Ballast Remote mount • UL Listed • High power factor • Class "P" thermally protected • Meets FCC, RFI requirements • Order ballasts separately

Listings UL Listed for damp locations • Union made AFL-CIO • CSA certified

Ordering Information Example: FF7-56-32-W-RE

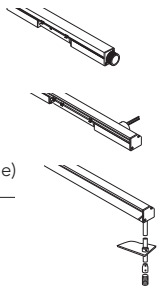
Fixture/Extrusion	Length	Lamp Wattage (Length Guidelines)	Finish	Electrical Feed
FF7	56	32	W	RE
Fluorescent T8 Food Application **FF7**-#7 Enclosed Extrusion **F12**-#12 Deep Curved Extrusion	Specify custom length as required to nearest 1/8" up to 144" max. See wattage for length guidelines	**15**-15W (23"-28") **17**-17W (29"-40") **25**-25W (41"-52") **32**-32W (53"-64") **40**-40W (65"-75") Verify wattage with length	**W**-White **B**-Black **S**-Satin Aluminum	**RE**-Right End **LE**-Left End **RB**-Right Back **LB**-Left Back **RF**-Right Front **LF**-Left Front

Right and left are determined as you face the back of the fixture. FEED OPTIONS APPLY TO ALL EXTRUSIONS.

End Feed (adds 1/2" to fixture length)
Right End
Left End

Back Feed
Right Back
Left Back

Front (down-tube) Feed
Right Front
Left Fron



Lamps

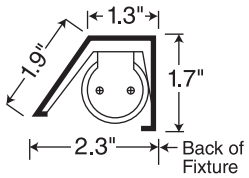
Lamps are not included with fixture. Order lamps separately. See Ballasts & Lamps in Accessories section for details.

Ballast

Ballasts are not included with fixture. Order ballasts separately. See Ballasts & Lamps in Accessories section for details.

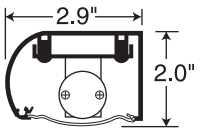
Fixture Extrusion Dimensions

#7 Enclosed Extrusion



- This fixture with plastic tube guard is ideal for food area applications where long life, lamp containment and low heat is a priority. Lamp position provides maximum shielding from view
- Complete with MC4 end mounting brackets (not shown), which add 1/8" to height
- Supplied with 1/2" flexible conduit (36" for front/back feed, 72" for end feed) and 96" leads

#12 Deep Curved Extrusion



- This sturdy fixture is designed with a diffusing lens to provide lamp containment and is ideal for use in food applications
- Pre-drilled mounting holes provided per customer specification
- Supplied without end caps

Architectural Linear | F5 Series
T5/T5HO Fluorescent Custom Length

Description
Thin profile is ideal for showcase or cove lighting applications, while fluorescent lamps offer higher lumen output, longer life and greater economy with individual lamps up to 5′ in length

Features
Lamp For use with T5 (14 through 35W) and T5HO (24 through 80W) miniature bi-pin (G5) base linear fluorescent lamps • Lamps are ordered separately

Housing Extruded aluminum • Fixtures are provided without end caps unless specified (#11 extrusion provided with steel end caps) • Optional end caps are steel

Ballast Remote mount • UL Listed • High power factor • Class "P" thermally protected • Meets F.C.C., R.F.I. requirements • Order ballasts separately

Listings UL Listed for damp locations • Union made AFL-CIO • CSA certified

Ordering Information Example: F5-9-39-W-RE

Fixture	Extrusion	Fixture Length (Wattage Guidelines)	Finish	Electrical Feed
F5	9	39	W	RE
F5-Fluorescent T5, T5HO	**3**-#3 **4**-#4 **9**-#9 **10**-#10 **11**-#11	**27**=27″ (14W T5 or 24W T5HO) **39**=39″ (21W T5 or 39W T5HO) **50**=50″(28W T5 or 54W T5HO) **62**=62″ (35W T5 or 80W T5HO) **77**=77″ max. (2x21 T5 or 2x39W T5HO) Specify custom length as required to nearest 1/8″	**W**-White **B**-Black **S**-Satin Aluminum	**RE**-Right End **LE**-Left End **RB**-Right Back **LB**-Left Back **RF**-Right Front **LF**-Left Front (#3, 4, 9, 10 only) **SMR**-Right Side Mount Right **SML**-Left Side Mount Left **TM**-Top Mount (#11 only)

Lamps
Lamps are not included with fixture. Order lamps separately. See Ballasts & Lamps in Accessories section for details.

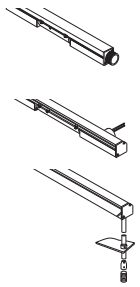
Ballast
Ballasts are not included with fixture. Order ballasts separately. See Ballasts & Lamps in Accessories section for details.

Right and left are determined as you face the back of the fixture. FEED OPTIONS APPLY TO ALL EXTRUSIONS.

End Feed (adds 1/2″ to fixture length)
Right End
Left End

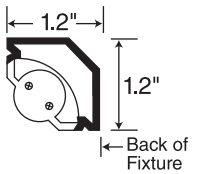
Back Feed
Right Back
Left Back

Front (down-tube) Feed
Right Front
Left Front



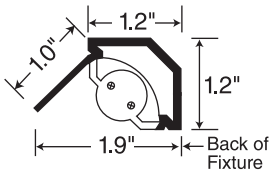
Fixture Extrusion Dimensions

#3 Five-Sided Extrusion



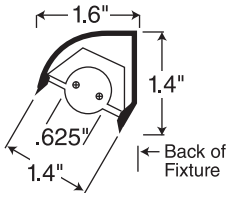
- Ideal for applications that require additional mounting flexibility for showcases, built-ins and coves
- Complete with MC2 mounting clips (not shown). Mounting clip adds 1/8″ to height
- Supplied with 1/2″ flex conduit (36″ for front/back feed, 72″ for end feed) and 96″ leads

#4 Five-Sided Extrusion With Shield



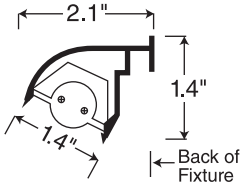
- Ideal for exposed showcases, built-ins and accent lighting. Integral shield provides shielding from typical viewing angles
- Complete with MC2 mounting clips (not shown). Mounting clip adds 1/8″ to height
- Supplied with 1/2″ flex conduit (36″ for front/back feed, 72″ for end feed) and 96″ leads

#9 Curved Extrusion



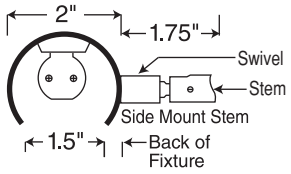
- For either showcases or cove lighting, this series is preferred for its small profile and soft, curved design
- Complete with MC4 end mounting brackets (not shown). Mounting brackets add 1/8″ to height
- Supplied with 1/2″ flexible conduit (36″ for front/back feed, 72″ for end feed) and 96″ leads

#10 Rail Extrusion



- Designed specifically for showcase lighting, this fixture has a built-in front rail that installs directly onto showcase glass
- Supplied with 1/2″ flex conduit (36″ for front/back feed, 72″ for end feed) and 96″ wire leads

#11 Cylindrical Extrusion



- An excellent fixture for showcases, feature displays and artwork illumination. Its smooth, round aluminum profile is swivel stem mounted
- Supplied with fixture swivel and 96″ of lead wire
- Optional MK Canopy Mounting kit with stem sold separately (see Mounting Hardware in Accessories section for details)

Description

Thin profile is ideal for showcase or cove lighting applications. For merchandising, the ultra-thin T2 fluorescent lamps provide excellent optical control and create highlights not typically associated with fluorescent lighting.

Features

Lamp For use with 1/4" diameter FM6T2, FM8T2, FM11T2, or FM13T2 subminiature axial base linear fluorescent lamps • Lamps are ordered separately

Housing Extruded aluminum • Fixtures are provided without end caps unless specified • Optional end caps are steel

Reflector Heavy gauge specular hammertone Alzak® for uniform light distribution

Ballast Remote mount • UL Listed • High power factor • Class "P" thermally protected • Meets F.C.C., R.F.I. requirements • Order ballasts separately

Listings UL Listed for damp locations • Union made AFL-CIO • CSA certified

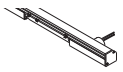
Ordering Information Example: SF2-3-20-W-RE

Fixture	Extrusion	Fixture Length (Wattage Guidelines)	Finish	Electrical Feed
SF2	3	20	W	RE
SF2- Subminiature Fluorescent	**#2**-2 **#3**-3 **#4**-4	**12**-12" (6W) **16**-16" (8W) **20**-20" (11W) **24**-24" (13W) **31**-31" (2x8=16W) **48**-48" (2x13=26W) **60**-60"(3x11=33W) **94**-94" max. (4x13=52W) (#3 & 4 only) Specify custom length as required to nearest 1/8"	**W**-White **B**-Black **S**-Satin Aluminum	**RE**-Right End **LE**-Left End **RB**-Right Back **LB**-Left Back **RF**-Right Front **LF**-Left Front

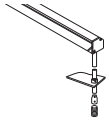
Right and left are determined as you face the back of the fixture. FEED OPTIONS APPLY TO ALL EXTRUSIONS.

End Feed (adds 1/2" to fixture length)
Right End
Left End

Back Feed
Right Back
Left Back



Front (down-tube) Feed
Right Front
Left Front



Lamps

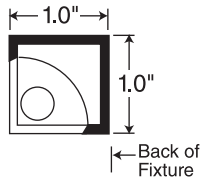
Lamps are not included with fixture. Order lamps separately. See Ballasts & Lamps in Accessories section for details.

Ballast

Ballasts are not included with fixture. Order ballasts separately. See Ballasts & Lamps in Accessories section for details.

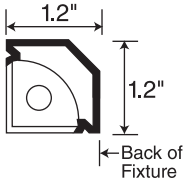
Fixture Extrusion Dimensions

#2 Square Extrusion



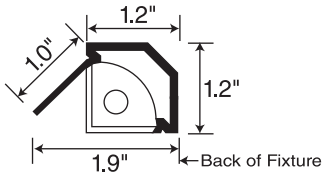
- Ideal for under/over cabinets, toe-kicks, built-ins and coves where longer lengths are required
- Complete with MC1 mounting clips (not shown). Mounting clip adds 1/8" to height
- Supplied with 1/2" flex connector (adds 1/2" to length) and 60" leads

#3 Five-Sided Extrusion



- Ideal for applications that require additional mounting flexibility for showcases, built-ins and coves
- 45° corner allows extrusion to be mounted from three sides for flexible aiming
- Complete with MC2 mounting clips (not shown), which add 1/8" to height
- Supplied with 1/2" flex connector (adds 1/2" to length) and 60" leads

#4 Five-Sided Extrusion With Shield



- Ideal for exposed showcases, built-ins and accent lighting applications. Integral shield provides light control from typical viewing angles
- Complete with MC2 mounting clips (not shown), which add 1/8" to height
- Supplied with 1/2" flex connector (adds 1/2" to length) and 60" leads

Mounting Hardware

A wide variety of mounting clips are available from under-cabinet to glass-to-glass mounting.

MC1

Specify Finish
White
Black

MC2

Specify Finish
White
Black

MC3

Specify Finish
White
Black

MC4

Specify Finish
Natural Aluminum
White
Black

MK

Cat. No.	Finish
MKWH	White
MKBL	Black
MKSL	Silver

MC1

Universal mounting clips for standard length halogen and extrusion #2.

MC2

Universal mounting clips for extrusions #3 and #4.

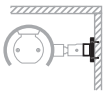
MC3

Optional mounting clips for glass-to-glass showcase applications. Optional for extrusions #3 and #4.

MC4

End mounting brackets optional for all extrusions (standard for extrusion #5).

MK **(see complete catalog number on left)**



Canopy mounting kit for extrusions #6 and #11. Canopy diameter is 4 3/4". Mounts to standard 4" outlet box. Supplied with mounting stem; must specify length (6" minimum.)

LED Non-Dimmable Drivers

Dimensions
7"L x 2 1/2"W x 1 5/8"D

Catalog # DLD-17-120

Finish
Black
White

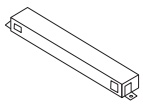
Description
- 17W 24 DC driver (120V Input)
- No Minimum Load
- Aluminum wiring enclosure for remote mounting
- Integral on/off switch
- 6' Cord & Plug option available in Black or White
  Add suffix –CP6BL (WH) Example: DLD-17-120-BL-CP6BL

Dimensions
7"L x 2 1/2"W x 1 5/8"D

Catalog # DLD-25

Finish
Black
White

Description
- 25W 24 DC driver (120-277V Input)
- No Minimum Load
- Aluminum wiring enclosure for remote mounting
- Integral on/off switch
- 6' Cord & Plug option available in Black or White
  Add suffix –CP6BL (WH) Example: DLD-25-BL-CP6BL

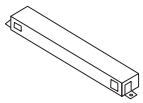


Dimensions
15 1/4"L x 3 7/32"W x 2 1/16"H

Catalog # DLD-80-120

Finish
Natural
Aluminum

Description
- 80W 24 DC driver (120V Input)
- No Minimum Load
- Aluminum wiring enclosure for remote mounting
- Integral on/off switch
- 6' Cord & Plug option available in Black or White
  Add suffix –CP6BL (WH) Example: DLD-80-120-CP6BL



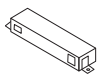
Dimensions
15 1/4"L x 3 7/32"W x 2 1/16"H

Catalog # DLD-100

Finish
Natural
Aluminum

Description
- 100W 24 DC driver (120-277V Input)
- No Minimum Load
- Aluminum wiring enclosure for remote mounting
- Integral on/off switch
- 6' Cord & Plug option available in Black or White
  Add suffix –CP6BL (WH) Example: DLD-100-CP6BL

LED Dimmable Drivers†

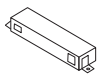


Dimensions
9 1/4"L x 3 7/32"W x 2 1/16"H

Catalog # DLD-17-120-DIM

Finish
Natural
Aluminum

Description
- 17W 24 DC driver (120V)
- No Minimum Load
- Aluminum wiring enclosure for remote mounting
- Integral on/off switch

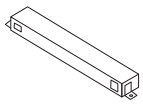


Dimensions
9 1/4"L x 3 7/32"W x 2 1/16"H

Catalog # DLD-25-DIM

Finish
Natural
Aluminum

Description
- 25W 24 DC driver (120-277V)
- No Minimum Load
- Aluminum wiring enclosure for remote mounting
- Integral on/off switch

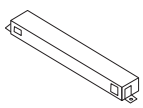


Dimensions
15 1/4"L x 3 7/32"W x 2 1/16"H

Catalog # DLD-60-DIM

Finish
Natural
Aluminum

Description
- 60W 24 DC driver (120-277V)
- No Minimum Load
- Aluminum wiring enclosure for remote mounting
- Integral on/off switch



Dimensions
15 1/4"L x 3 7/32"W x 2 1/16"H

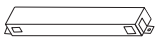
Catalog # DLD-100-DIM

Finish
Natural
Aluminum

Description
- 100W 24 DC driver (120-277V)
- No Minimum Load
- Aluminum wiring enclosure for remote mounting
- Integral on/off switch

†Refer to specification sheet for approved dimmers.

Ballasts



Finish
Natural
Aluminum

Features
- Push button on/off switch
- 120 Volt input

Dimensions
16"L x 3 3/8"W x 2 1/4"H

Note: Maximum combined remote lead length and fixture length may not exceed 20'.

T8

Catalog #	Description
BET8-1	Remote Electronic Ballast and Enclosure for (1) or (2) 17W T8
BET8-2	Remote Electronic Ballast and Enclosure for (1) 17W, 25W or 32W T8
BET8-3	Remote Electronic Ballast and Enclosure for (2) 17W or (1) or (2) 25W or 32W T8
BET8-4	Remote Electronic Ballast and Enclosure for (2) 25W, 32W, 40W or (3) 17W, 25W or 32W T8
BET8-5	Remote Electronic Ballast and Enclosure for (3) or (4) 17W, 25W or 32W T8
BET8-6	Remote Magnetic Ballast and Enclosure for (1) 40W T8
BET8-7	Remote Electronic Ballast and Enclosure for (2) 25W, 32W, 40W or (3) 17W, 25W or 32W T8
BM15	Remote Magnetic Ballast and Enclosure for (1) 15W T8

Factory Installed Options (add suffix to remote ballast)

Suffix	Description
-CP6WH	6 Ft. cord w/3-prong plug, white, 120V, 3A
-CP6BL	6 Ft. cord w/3-prong plug, black, 120V, 3A
-CO315WH[1]	Single convenience outlet, 3-prong receptacle, white, 120V, 15A
-CO315BL[1]	Single convenience outlet, 3-prong receptacle, black, 120V, 15A

[1]Note: Convenience outlet not wired to switch

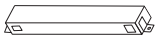
Lamps

T8 linear fluorescent lamps have a medium bi-pin base and are energy efficient. Select from the following characteristics:

T8 Fluorescent

Catalog #	Description
F15T8/SPX30	15W, 18" length, 1000 lumens, 3000K, CRI=82, 7,500 hrs. life
F15T8/SPX35	15W, 18" length, 1000 lumens, 3500K, CRI=82, 7,500 hrs. life
F17T8/SP30	17W, 24" length, 1190 lumens, 3000K, CRI=78, 20,000 hrs. life
F17T8/SP35	17W, 24" length, 1190 lumens, 3500K, CRI=78, 20,000 hrs. life
F17T8/SP41	17W, 24" length, 1190 lumens, 4100K, CRI=78, 20,000 hrs. life
F17T8/SPX30	17W, 24" length, 1230 lumens, 3000K, CRI=86, 20,000 hrs. life
F17T8/SPX35	17W, 24" length, 1230 lumens, 3500K, CRI=86, 20,000 hrs. life
F17T8/SPX41	17W, 24" length, 1230 lumens, 4100K, CRI=86, 20,000 hrs. life
F25T8/SP30	25W, 36" length, 2080 lumens, 3000K, CRI=78, 20,000 hrs. life
F25T8/SP35	25W, 36" length, 2080 lumens, 3500K, CRI=78, 20,000 hrs. life
F25T8/SP41	25W, 36" length, 2080 lumens, 4100K, CRI=78, 20,000 hrs. life
F25T8/SPX30	25W, 36" length, 2150 lumens, 3000K, CRI=86, 20,000 hrs. life
F25T8/SPX35	25W, 36" length, 2150 lumens, 3500K, CRI=86, 20,000 hrs. life
F25T8/SPX41	25W, 36" length, 2150 lumens, 4100K, CRI=86, 20,000 hrs. life
F32T8/SP30	32W, 48" length, 2850 lumens, 3000K, CRI=78, 20,000 hrs. life
F32T8/SP35	32W, 48" length, 2850 lumens, 3500K, CRI=78, 20,000 hrs. life
F32T8/SP41	32W, 48" length, 2850 lumens, 4100K, CRI=78, 20,000 hrs. life
F32T8/SPX30	32W, 48" length, 2950 lumens, 3000K, CRI=86, 20,000 hrs. life
F32T8/SPX35	32W, 48" length, 2950 lumens, 3500K, CRI=86, 20,000 hrs. life
F32T8/SPX41	32W, 48" length, 2950 lumens, 4100K, CRI=86, 20,000 hrs. life
F40T8/SP30	40W, 60" length, 3600 lumens, 3000K, CRI=75, 20,000 hrs. life
F40T8/SP35	40W, 60" length, 3600 lumens, 3500K, CRI=75, 20,000 hrs. life
F40T8/SP41	40W, 60" length, 3600 lumens, 4100K, CRI=75, 20,000 hrs. life
F40T8/SPX30	40W, 60" length, 3725 lumens, 3000K, CRI=84, 20,000 hrs. life
F40T8/SPX35	40W, 60" length, 3725 lumens, 3500K, CRI=84, 20,000 hrs. life
F40T8/SPX41	40W, 60" length, 3725 lumens, 4100K, CRI=84, 20,000 hrs. life

Ballasts



Dimensions

15 1/4"L x 3 7/32"W x 2 1/16"H

Note: Maximum combined remote lead length and fixture length may not exceed 18'.

Finish

Natural Aluminum

Features

- Push button on/off switch
- 120/277 Volt input

T5

Catalog #	Description
BET5-2-U	Remote mount ballast enclosure with one electronic low harmonic distortion ballast for (1) or (2) 14W, 21W, 28W, 35W T5

Factory Installed Options (add suffix to remote ballast)

Suffix	Description
-CP6WH	6 Ft. cord w/3-prong plug, white, 120V, 3A
-CP6BL	6 Ft. cord w/3-prong plug, black, 120V, 3A
-CO315WH[1]	Single convenience outlet, 3-prong receptacle, white, 120V, 15A
-CO315BL[1]	Single convenience outlet, 3-prong receptacle, black, 120V, 15A

[1]Note: Convenience outlet not wired to switch

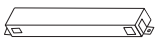
Lamps

T5 linear fluorescent lamps have a miniature bi-pin base and are energy efficient. Select from the following characteristics:

T5 Fluorescent

Catalog #	Description
F14T5/835	14W, 21.6" length, 1350 lumens, 3500K, CRI=85, 20,000 hrs. life
F21T5/835	21W, 33.4" length, 2100 lumens, 3500K, CRI=85, 20,000 hrs. life
F28T5/835	28W, 45.2" length, 2900 lumens, 3500K, CRI=85, 20,000 hrs. life
F35T5/835	35W, 57.1" length, 3650 lumens, 3500K, CRI=85, 20,000 hrs. life

Ballasts



Dimensions

15 1/4"L x 3 7/32"W x 2 1/16"H

Note: Maximum combined remote lead length and fixture length may not exceed 18'

Finish

Natural Aluminum

Features

- Push button on/off switch
- 120/277 Volt input

T5HO

Catalog #	Description
BET5HO-124	Remote mount ballast enclosure with one electronic, low harmonic distortion ballast for (1) 24W T5/HO
BET5HO-139	Remote mount ballast enclosure with one electronic, low harmonic distortion ballast for (1) 39W T5/HO
BET5HO-154	Remote mount ballast enclosure with one electronic, low harmonic distortion ballast for (1) 54W T5/HO
BET5HO-180	Remote mount ballast enclosure with one electronic, low harmonic distortion ballast for (1) 80W T5/HO
BET5HO-224	Remote mount ballast enclosure with one electronic, low harmonic distortion ballast for (2) 24W T5/HO
BET5HO-239	Remote mount ballast enclosure with one electronic, low harmonic distortion ballast for (2) 39W T5/HO
BET5HO-254	Remote mount ballast enclosure with one electronic, low harmonic distortion ballast for (2) 54W T5/HO

Factory Installed Options (add suffix to remote ballast)

Suffix	Description
-CP6WH	6 Ft. cord w/3-prong plug, white, 120V, 3A
-CP6BL	6 Ft. cord w/3-prong plug, black, 120V, 3A
-CO315WH[1]	Single convenience outlet, 3-prong receptacle, white, 120V, 15A
-CO315BL[1]	Single convenience outlet, 3-prong receptacle, black, 120V, 15A

[1]Note: Convenience outlet not wired to switch

Lamps

T5 High Output linear fluorescent lamps have a miniature bi-pin base and are energy efficient. Select from the following characteristics:

T5HO Fluorescent

Catalog #	Description
F24T5/830	24W, 21.6" length, 2000 lumens, 3000K, CRI=85, 20,000 hrs. life
F24T5/835	24W, 21.6" length, 2000 lumens, 3500K, CRI=85, 20,000 hrs. life
F24T5/841	24W, 21.6" length, 2000 lumens, 4100K, CRI=85, 20,000 hrs. life
F39T5/830	39W, 33.4" length, 3500 lumens, 3000K, CRI=85, 20,000 hrs. life
F39T5/835	39W, 33.4" length, 3500 lumens, 3500K, CRI=85, 20,000 hrs. life
F39T5/841	39W, 33.4" length, 3500 lumens, 4100K, CRI=85, 20,000 hrs. life
F54T5/830	54W, 45.2" length, 5000 lumens, 3000K, CRI=85, 20,000 hrs. life
F54T5/835	54W, 45.2" length, 5000 lumens, 3500K, CRI=85, 20,000 hrs. life
F54T5/841	54W, 45.2" length, 5000 lumens, 4100K, CRI=85, 20,000 hrs. life
F80T5/830	80W, 57.1" length, 7000 lumens, 3000K, CRI=85, 20,000 hrs. life
F80T5/835	80W, 57.1" length, 7000 lumens, 3500K, CRI=85, 20,000 hrs. life
F80T5/841	80W, 57.1" length, 7000 lumens, 4100K, CRI=85, 20,000 hrs. life

Ballasts

Dimensions

16"L x 3 3/8"W x 2 1/4"H

Note: Maximum combined remote lead length and fixture length may not exceed 18'.

Finish

Natural Aluminum

Features

- Push button on/off switch
- 120/277 Volt input

T2

Catalog #	Description
BET2-2-U	Remote mount ballast enclosure with one 120V/277V electronic low harmonic distortion ballast for (1 or 2) 6/8/11/13W T2 lamps
BET2-4-U	Remote mount ballast enclosure with two 120V/277V electronic low harmonic distortion ballast for (3 or 4) 6/8/11/13W T2 lamps

Factory Installed Options (add suffix to remote ballast)

Suffix	Description
-CP6WH	6 Ft. cord w/3-prong plug, white, 120V, 3A
-CP6BL	6 Ft. cord w/3-prong plug, black, 120V, 3A
-CO315WH[1]	Single convenience outlet, 3-prong receptacle, white, 120V, 15A
-CO315BL[1]	Single convenience outlet, 3-prong receptacle, black, 120V, 15A

[1]Note: Convenience outlet not wired to switch

Lamps

T2 linear fluorescent lamps have a subminiature axial base and are energy efficient. Select from the following characteristics:

T2 Fluorescent

Catalog #	Description
SF6T2/830	6W, 8.6" length, 310 lumens, 3000K, CRI=80, 10,000 hrs. life
SF8T2/830	7W, 12.6" length, 500 lumens, 3000K, CRI=80, 10,000 hrs. life
SF11T2/830	11W, 16.6" length, 680 lumens, 3000K, CRI=80, 10,000 hrs. life
SF13T2/830	13W, 20.6" length, 860 lumens, 3000K, CRI=80, 10,000 hrs. life

gucci

NaviLite®

Exit and Emergency Lighting

NaviLite Exit and Emergency Lighting offers reliability, easy installation, and great value. Featuring the premium quality and fast delivery Juno Lighting Group is famous for, NaviLite exit signs and emergency units are the ideal choice for all your retail, commercial, and industrial emergency lighting requirements. Our comprehensive line includes exit signs, emergency lighting units, remote fixture heads, and accessories to suit practically any application. Nearly all NaviLite exit signs feature ultra-efficient, long-life LED illumination that provides dramatic reductions in operating costs. And our entire product family is optimized for high-performance and affordability.

Exit and Emergency Lighting

NaviLite LED exit signs … energy-efficient and virtually maintenance-free

NaviLite LED exit signs incorporate today's most technologically advanced light source. LEDs consume a mere fraction of the energy used by other lighting methods and have such long life spans that they are virtually maintenance-free. LEDs combined with custom diffusing systems provide brilliant, uniform illumination, assuring that NaviLite exit signs excel at their assigned task.

NaviLite LED exit signs offer a variety of aesthetically pleasing designs, featuring soft, rounded edges and rich, subtle textures. They are constructed of durable materials such as polycarbonate/ABS copolymers, heavy gauge steel, and die-cast aluminum. They are color stable, impact resistant, flame retardant, and scratch resistant. Many designs include a quick-connect feature, and all have field-configurable chevron direction indicators.

For maximum performance at minimal operating cost, there is no better choice than NaviLite LED exit signs.

NaviLite emergency lighting leads the way

When power outages occur, you need emergency lighting you can depend on. Fortunately, you can always count on NaviLite emergency units to perform when the chips are down. Our emergency lighting units offer rugged design and construction for reliable operation in virtually any environment, including damp or wet locations if specified. They are quick and easy to install and feature fully adjustable lighting heads that can be aimed in any direction. Remote lighting heads provide additional design flexibility for demanding environments.

NaviLite emergency lighting possesses a contemporary look that enables them to blend well in any application. They feature dual voltage 120/277 VAC operation for added versatility and offer a variety of specialty items such as fluorescent emergency ballasts.

NaviLite products are ready to perform when you need them the most, providing reliable, automatic operation in emergency lighting situations.

Exit Signs

LED PRODUCT
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NXECRA Series
Recessed Mount
Edge-Lit LED Exit Sign

LED PRODUCT
Page 1152

NXESA Series
Surface Mount
Edge-Lit LED Exit Sign

LED PRODUCT
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NXD Series
Die Cast Aluminum
LED Exit Sign

LED PRODUCT
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NXS Series
Steel LED Exit Sign

LED PRODUCT
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NXP Series
Thermoplastic
LED Exit Sign

LED PRODUCT
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NXPCL Series
Thermoplastic
LED Combo Exit Sign

LED PRODUCT
Page 1161

NXPC Series
Thermoplastic
LED Combo Exit Sign

LED PRODUCT
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NXWC Series Wet
Location LED
Combo Exit Sign

LED PRODUCT
Page 1164

NXW Series Wet
Location LED Exit Sign

Emergency Lighting

LED PRODUCT
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N1L Series Thermoplastic
LED Emergency Light

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N1 Series Thermoplastic
Emergency Light

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N4 Series Thermoplastic
Emergency Light

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N3 Series Thermoplastic
Emergency Light

Page 1171

N2 Series Thermoplastic
Emergency Light

Page 1172

NRG Series
Recessed
Emergency Gimbal

Page 1173

N7 Series
Semi-Recessed
Emergency Light

LED PRODUCT
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N5L Series Architectural
LED Emergency Light

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N5 Series Architectural
Emergency Light

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N8 Series Wet Location
Emergency Light

Emergency Lighting (cont)

Page 1178

N6 & N12 Series
High Wattage
Emergency Lights

LED PRODUCT

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NRL Series
LED Remote Heads

Page 1182

NR Series
Remote Heads

Page 1184

NEB Series Fluorescent
Emergency Ballasts

Chicago Code Exit & Emergency Lighting

LED PRODUCT

Page 1186

NCREXL & NCRESL Series
Recessed Mount Edge-Lit
LED Exit/Stairs Sign

LED PRODUCT

Page 1188

NCEXL & NCESL Series
Surface Mount Edge-Lit
LED Exit/Stairs Sign

LED PRODUCT

Page 1190

NCSL & NCXL Series
Steel LED Exit/Stairs Sign

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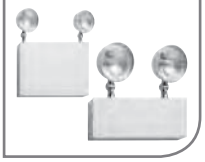

NC6 & NC12 Series
6-Volt & 12-Volt Operation
Emergency Lighting

Page 1195

NCR Series
T-Bar Recessed
Emergency Lighting

New York Approved Exit & Emergency Lighting

LED PRODUCT

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NNYXER Series
Recessed Mount
Edge-Lit LED Exit Sign

LED PRODUCT

Page 1198

NNYXES Series
Surface Mount Edge-Lit
LED Exit Sign

LED PRODUCT

Page 1200

NNYXD Series
Die Cast Aluminum
LED Exit Sign

LED PRODUCT

Page 1202

NNYXS Series
Steel LED
Exit Sign

LED PRODUCT

Page 1204

NNYXSC Series
Steel LED Combo
Exit/Emergency Sign

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NNY6 & NNY12 Series
Emergency Lights

Accessories & Options

LED PRODUCT

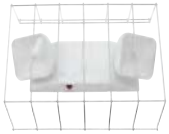
Page 1208

NXR Series
LED Retrofit Kits

Page 1209

NVS Series
Vandal Shields

Page 1209



NWG Series
Wire Guards

Page 1210

IF INDICATOR IS NOT ILLUMINATED THE UNIT IS IN EMERGENCY MODE
- (STEADY) NORMAL
- (DOUBLE PULSE) BATTERY FAILURE*
- (RED/GREEN FLASH) HI CHARGE
- (STEADY) BATTERY DISCONNECTED
- (THREE PULSE) LED FAILURE
- (FOUR PULSE) LAMP FAILURE
- (TWO PULSE) 15 MINUTE DISCHARGE**

*WILL FUNCTION ONLY AFTER 15 MINUTE TEST
**EVERY 30 DAYS

Self-Diagnostic/Self-Test
(SD) Option

Page 1210

High Output (HO) Option

Page 1210

Two-Circuit Capability
(2C) Option

Technical Information and Photometrics

Page 1211

Wiring Distance in Feet (for max

Total Watts on Wire Run	6 Volt System Wire Size				
	#12	#10	#8	#6	#1
6	89	141	225	357	3
8	66	106	168	268	2
9	59	94	150	238	2
10	53	84	135	214	2
12	44	70	112	178	1
16	33	53	84	134	1
18	29	47	75	119	

Technical Information

NaviLite®

Exit Signs | NXECRA Series

Recessed Mount Edge-Lit LED Exit Sign AC Only

Applications

Ideal choice for upscale offices, healthcare facilities, and high-rises that have a power inverter or generator system to supply emergency power. Offers all the benefits of LED lighting, like energy efficiency, minimum maintenance, and high reliability. Plug in connectors and Juno® pioneered field applied directional chevrons round the package for easy specification and installation.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Designed for applications where a power inverter or generator is available to supply emergency power
- Crystal clear acrylic face panel
- Steel recessed housing with plug in connectors for quick and easy trim installation
- Vertically adjustable up to 1" to accommodate different ceiling thickness
- Dual voltage 120/277 VAC operation
- A quick connector makes attaching the trim to the housing fast and easy
- Recessed housing comes with 3/4" knock-outs for AC input in different locations

Mounting

Ceiling recessed mounted • Includes telescoping bar hangers for joist or T-bar ceiling applications • Vertically adjustable to accommodate varying ceiling thickness • Can be installed in drywall or suspended ceilings

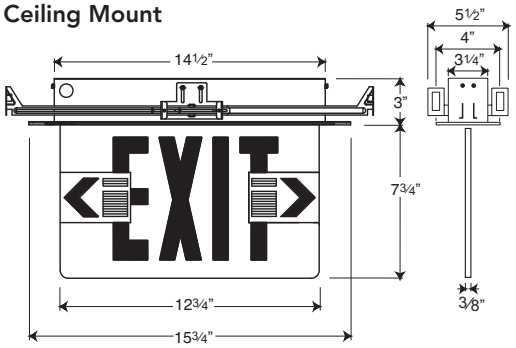
Ordering Information

Example: **NXECRA1RWH**

Series	Number of Faces	Letter Color	Finish
NXECRA	1	R	WH
NXECRA Ceiling Recessed	**1** - Single Face **2** - Double Face	**R** - Red **G** - Green	**WH** - White **AA** - Anodized Aluminum

Dimensions

Ceiling Mount



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red or green LEDs

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.029	3.167
Red LED	277	0.013	3.229
Green LED	120	0.028	3.163
Green LED	277	0.012	3.041

LED PRODUCT

NaviLite®

Exit Signs | NXECRBA Series

Recessed Mount Edge-Lit LED Exit Sign Battery Back-Up

Applications

Ideal for upscale offices, healthcare facilities, and high-rises. Offers all the benefits of LED lighting, like energy efficiency, minimum maintenance, and high reliability. Plug in connectors and Juno® pioneered field applied directional chevrons round the package for easy specification and installation.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Crystal clear acrylic face panel
- Steel recessed housing with plug in connectors for quick and easy trim installation
- Vertically adjustable up to 1" to accommodate different ceiling thickness
- Dual voltage 120/277 VAC
- A quick connector makes attaching the trim to the housing fast and easy
- Recessed housing comes with 3/4" knock-outs for AC input in different locations
- Rechargeable NiCad battery

Mounting

Ceiling recessed • Includes telescoping bar hangers for joist or T-bar ceiling applications • Vertically adjustable to accommodate varying ceiling thickness • Can be installed in drywall or suspended ceilings

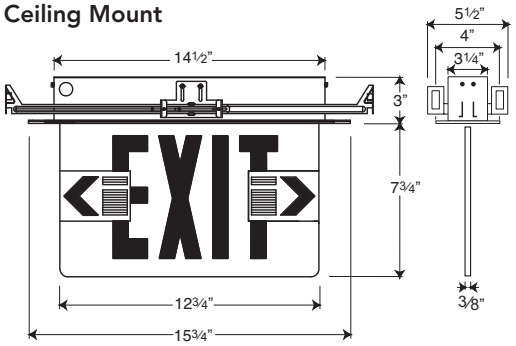
Ordering Information

Example: **NXECRBA1RWH**

Series	Number of Faces	Letter Color	Finish
NXECRBA	1	R	WH
NXECRBA Ceiling Recessed	**1** - Single Face **2** - Double Face	**R** - Red **G** - Green	**WH** - White **AA** - Anodized Aluminum

Dimensions

Ceiling Mount



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red or green LEDs

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.032	3.638
Red LED	277	0.015	3.928
Green LED	120	0.035	3.881
Green LED	277	0.017	4.361

Battery Rechargeable Nickel Cadmium, maintenance-free

- Battery will operate the sign for a minimum of 90 minutes in the event of a power outage

Battery Type	Temp. Range[1]
NiCad	32°F - 100°F

[1]To obtain rated life and capacity

NaviLite®

Exit Signs | NXESA Series

Surface Mount Edge-Lit LED Exit Sign AC Only

Applications

Ideal for architectural applications, Surface Mount Edge-Lit LED Exit Signs offer specification grade aesthetics with in-field installation flexibility.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Aesthetically pleasing extruded aluminum housing in white and anodized aluminum finishes
- Adjustable angle face plate design for slope ceiling applications
- Crystal clear acrylic face panel (single face)
- Mirror divider on double face versions
- Field applied chevron directional indicators – pioneered by Juno® in 1997 – simplifies specification and installation
- Tri-mount canopy (included) enables top, back or end mounting
- Dual voltage 120/277 VAC operation

Mounting

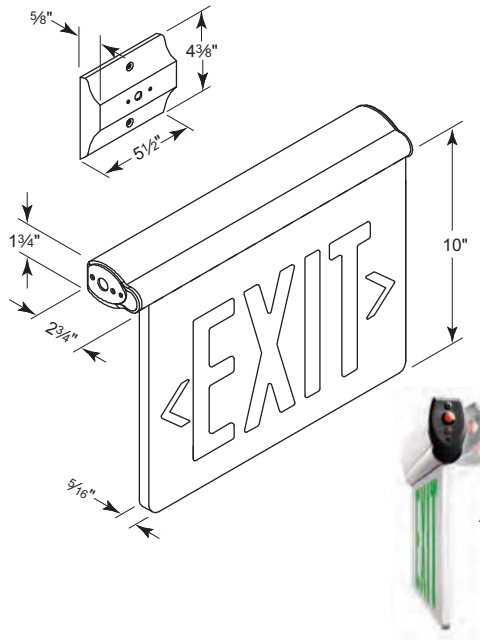
May be top, back or end mounted • All signs include die cast aluminum canopy and mounting hardware for easy top, back or end mount installation

Ordering Information

Example: **NXESA1RWH2C**

Series	Number of Faces	Letter Color	Finish	Options
NXESA	1	R	WH	2C
NXESA Series	**1** - Single Face, Clear Background **2** - Double Face, Mirror Background	**R** - Red **G** - Green	**WH** - White **AA** - Anodized Aluminum	**2C** - Two Independent Circuits (Available with white finish only)

Dimensions



Adjustable Faceplate

Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.03	0.879
Red LED	277	0.02	0.726
Green LED	120	0.03	0.853
Green LED	277	0.02	0.795

NaviLite®

Exit Signs | NXESBA Series

Surface Mount Edge-Lit LED Exit Sign Battery Back-Up

Applications

Ideal for architectural applications, Surface Mount Edge-Lit LED Exit Signs offer specification grade aesthetics with in-field installation flexibility. Includes battery back-up for 90 minute operation after power outage.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Aesthetically pleasing extruded aluminum housing in white and anodized aluminum finishes
- Adjustable angle face plate design for slope ceiling applications
- Crystal clear acrylic face panel (single face)
- Mirror divider on double face versions
- Field applied chevron directional indicators – pioneered by Juno® in 1997 – simplifies specification and installation
- Tri-mount canopy (included) enables top, back or end mounting
- Dual voltage 120/277 VAC operation
- Maintenance-free Nickel Cadmium battery

Mounting

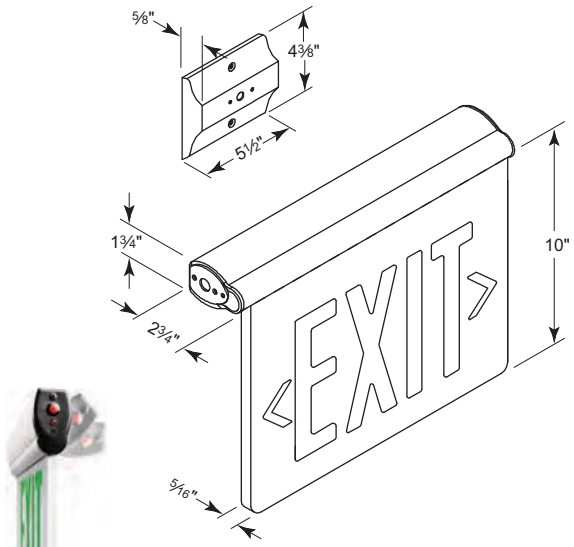
May be top, back or end mounted • All signs include die cast aluminum canopy and mounting hardware for easy top, back or end mount installation

Ordering Information

Example: **NXESBA1RAA**

Series	Number of Faces	Letter Color	Finish
NXESBA	1	R	AA
NXESBA Series	**1** - Single Face, Clear Background **2** - Double Face, Mirror Background	**R** - Red **G** - Green	**WH** - White **AA** - Anodized Aluminum

Dimensions



Adjustable Faceplate

Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.140	1.27	1.27
Red LED	277	0.136	1.05	1.05
Green LED	120	0.139	1.22	1.20
Green LED	277	0.137	1.09	1.09

*Fully charged battery

Battery Maintenance-free Nickel Cadmium

- Battery will operate sign for a minimum of 90 minutes in the event of a power outage • NiCad battery warranted for five years

Battery Type	Temp. Range[1]
NiCad	32°F - 100°F

[1]To obtain rated life and capacity

NaviLite®

Exit Signs | NXD Series

Die Cast Aluminum LED Exit Sign AC Only

Applications

Die Cast Aluminum LED Exit Signs offer rich, unparalleled aesthetics in a durable, all-metal construction. This cost-effective package offers premium performance and simplified installation, making it the benchmark selection for both architectural and commercial applications.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Architectural-grade, die cast aluminum housing in a variety of finishes
- Gently arched faceplate snaps into housing without tools
- Field selectable chevron directional indicator knockouts
- Integral wiring channels to facilitate installation
- Universal mounting pattern knockouts in backplate for junction box mounting
- Die cast aluminum canopy (included) enables top or end mounting
- Dual voltage 120/277 VAC operation

Mounting

May be top, end or back mounted • All signs include die cast aluminum canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple junction box mounting • Single face versions are field-convertible to double face using accessory faceplate

Ordering Information

Example: **NXD1RBAB**

Series	Number of Faces	Letter Color	Finish
NXD	1	R	BAB
NXD Series	**1** - Single Face **2** - Double Face	**R** - Red **G** - Green	**WH** - White **BL** - Black **BA** - Brushed Aluminum **BAB** - Brushed Aluminum Face/ Black Housing **BAW** - Brushed Aluminum Face/ White Housing

Accessories

Catalog No.	Description
NXDFPRGWH	Second Faceplate - White
NXDFPRGBL	Second Faceplate - Black
NXDFPRGBA	Second Faceplate - Brushed Aluminum
NVS1	Polycarbonate Vandal Shield - Small
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

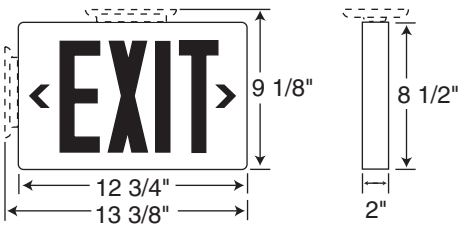
Electrical Data

Lamps Long life, energy saving LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.02	2.1
Red LED	277	0.01	2.2
Green LED	120	0.02	2.0
Green LED	277	0.01	2.1

Dimensions



LED PRODUCT

NaviLite®

Exit Signs | NXDB Series

Die Cast Aluminum LED Exit Sign Battery Back-Up

Applications

Die Cast Aluminum LED Exit Signs offer rich, unparalleled aesthetics in a durable, all-metal construction. This cost-effective package offers premium performance and simplified installation, making it the benchmark selection for both architectural and commercial applications.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Architectural-grade, die cast aluminum housing in a variety of finishes
- Gently arched faceplate snaps into housing without tools
- Field selectable chevron directional indicator knockouts
- Integral wiring channels to facilitate installation
- Universal mounting pattern knockouts in backplate for junction box mounting
- Die cast aluminum canopy (included) enables top or end mounting
- Maintenance-free sealed nickel cadmium battery
- Dual voltage 120/277 VAC operation

Mounting

May be top, end or back mounted • All signs include die cast aluminum canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple junction box mounting • Single face versions are field-convertible to double face using accessory faceplate

Ordering Information

Example: **NXDB1RBABSD**

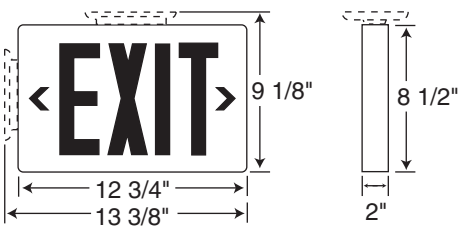
Series	Number of Faces	Letter Color	Finish	Options
NXDB	1	R	BAB	SD
NXDB Series	**1** - Single Face **2** - Double Face	**R** - Red **G** - Green	**WH** - White **BL** - Black **BA** - Brushed Aluminum **BAB** - Brushed Aluminum Face/ Black Housing **BAW** - Brushed Aluminum Face/ White Housing	**SD** - Self Diagnostics

Accessories

Catalog No.	Description
NXDFPRGWH	Second Faceplate - White
NXDFPRGBL	Second Faceplate - Black
NXDFPRGBA	Second Faceplate - Brushed Aluminum
NVS1	Polycarbonate Vandal Shield - Small
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.03	3.3	2.8
Red LED	277	0.01	3.6	3.1
Green LED	120	0.03	3.5	3.1
Green LED	277	0.02	3.9	3.4

*Fully charged battery

Battery Maintenance-free nickel cadmium • Designed to operate over a wider range of temperatures (32°F - 100°F operating range) • Battery will operate sign for 90 minutes in the event of a power outage • Battery warranted for five years

Battery Type	Temp. Range[1]
NiCad	32°F - 100°F

[1]To obtain rated life and capacity

NaviLite®

Exit Signs | NXS Series

Steel LED Exit Sign AC Only

Applications

Steel LED Exit Signs offer a sleek appearance in a rugged design. Ideal for applications that require the durability of metal construction in an economical package, along with the operating savings provided by LED lamps.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Rugged, heavy duty, die-formed steel construction
- Corrosion resistant polyester powder coat paint
- Field selectable chevron directional indicator knockouts
- Universal mounting pattern knockouts in backplate for junction box mounting
- Screw-on canopy (included) for simple top or end mounting
- Universal single face and double face (extra faceplate included)
- Dual voltage 120/277 VAC operation

Mounting

May be top, end or back mounted • All signs include canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: **NXS3RWH**

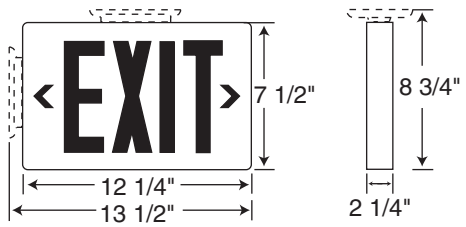
Series	Number of Faces	Letter Color	Finish
NXS	3	R	WH
NXS Series	3 - Universal Single/ Double Face	R - Red G - Green	WH - White BL - Black

Accessories

Catalog No.	Description
NVS1	Polycarbonate Vandal Shield - Small
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.04	4.9
Red LED	277	0.02	4.9
Green LED	120	0.02	1.8
Green LED	277	0.01	1.8

NaviLite®

Exit Signs | NXSB Series

Steel LED Exit Sign Battery Back-Up

Applications

Steel LED Exit Signs offer a sleek appearance in a rugged design. Ideal for applications that require the durability of metal construction in an economical package, along with the operating savings provided by LED lamps.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Rugged, heavy duty, 20-gauge die-formed steel construction
- Corrosion resistant polyester powder coat paint
- Field selectable chevron directional indicators
- Universal mounting pattern knockouts in backplate for junction box mounting
- Screw-on canopy (included) for simple top or end mounting
- Universal single face and double face (extra faceplate included)
- Dual voltage 120/277 VAC operation
- Maintenance-free sealed nickel cadmium battery

Mounting

May be top, end or back mounted • All signs include canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: **NXSB3RWH**

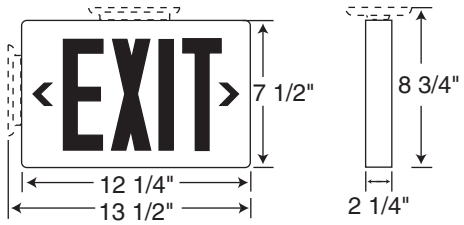
Series	Number of Faces	Letter Color	Finish
NXSB	3	R	WH
NXSB Series	**3** - Universal Single/ Double Face	**R** - Red **G** - Green	**WH** - White **BL** - Black

Accessories

Catalog No.	Description
NVS1	Polycarbonate Vandal Shield - Small
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.05	5.3	4.9
Red LED	277	0.02	5.5	5.5
Green LED	120	0.02	2.6	2.6
Green LED	277	0.01	2.8	2.7

*Fully charged battery

Battery Long life, maintenance-free, high performance nickel cadmium • Designed to operate over a wider range of temperatures (32°F - 100°F operating range) • Battery will operate sign for a minimum of 90 minutes in the event of a power outage • Battery warranted for five full years

Battery Type	Temp. Range[1]
NiCad	32°F - 100°F

[1]To obtain rated life and capacity

NaviLite®

Exit Signs | NXP Series

Thermoplastic LED Exit Sign AC Only

Applications

Slim profile Thermoplastic LED Exit Signs offer long lamp life, energy efficiency and uniform illumination in an economical package. Possessing premium installation features such as a snap-fit canopy and housing, along with push-out chevron directional indicators, the NXP Series offers unsurpassed value in an aesthetically pleasing design.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction in black or white finishes
- Snap-fit faceplate installs without the use of tools
- Field replaceable chevron directional indicator knockouts
- Integral wiring channels to facilitate installation
- Universal mounting pattern knockouts in backplate for junction box mounting
- Snap-fit canopy (included) enables speedy top or end mounting
- Universal single face and double face (extra faceplate included)
- Dual voltage 120/277 VAC operation

Mounting

May be top, back or end mounted • All signs include quick-install snap-fit canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: **NXP3RWH2C**

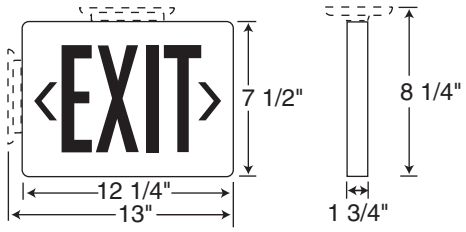
Series	Number of Faces	Letter Color	Finish	Options
NXP	3	R	WH	2C
NXP Series	**3** - Universal Single/ Double Face	**R** - Red **G** - Green	**WH** - White **BL** - Black	**2C** - Two-Circuit Operation

Accessories

Catalog No.	Description
NVS1	Polycarbonate Vandal Shield - Small
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs
- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.02	2.1
Red LED	277	0.01	2.3
Green LED	120	0.03	2.7
Green LED	277	0.01	2.8

NaviLite®

Exit Signs | NXPB Series

Thermoplastic LED Exit Sign Battery Back-Up

Applications

Slim profile Thermoplastic LED Exit Signs offer long lamp life, energy efficiency and uniform illumination in an economical package. Possessing premium installation features such as a snap-fit canopy and housing, along with push-out chevron directional indicators, the NXPB Series offers unsurpassed value in an aesthetically pleasing design.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction in black or white
- Snap-fit faceplate installs without the use of tools
- Field replaceable chevron directional indicators
- Integral wiring channels to facilitate installation
- Universal mounting pattern knockouts in backplate for junction box mounting
- Snap-fit canopy (included) enables speedy top or end mounting
- Maintenance-free sealed NiCad battery
- Universal single face and double face
- Optional High Output version can power an additional 11 watts for remote heads for 90 minutes
- Dual voltage 120/277 VAC operation

Mounting

May be top, back or end mounted • All signs include quick-install snap-fit canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: **NXPB3RWHSD**

Series	Number of Faces	Letter Color	Finish	Options[1]
NXPB	3	R	WH	SD
NXPB Series	**3** - Universal Single/ Double Face	**R** - Red **G** - Green	**WH** - White **BL** - Black	**HO** - High Output/Remote Capable **SD** - Self-Diagnostics

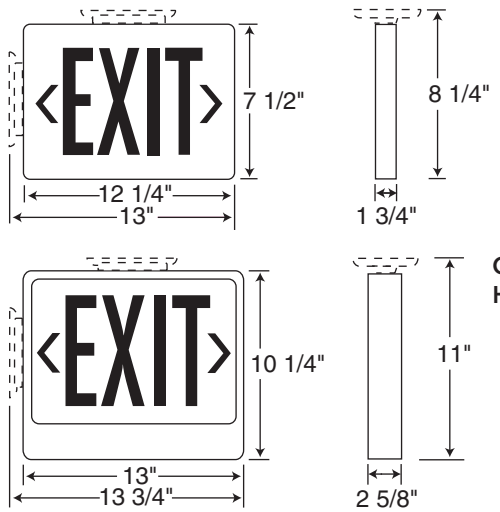
[1] Options may not be combined – for applications requiring multiple options, consult factory

Accessories

Catalog No.	Description
NVS1	Polycarbonate Vandal Shield - Small
NVS2	Polycarbonate Vandal Shield - Medium Bubble
NWG1	Wire Guard - Small

NVS1 ***will not*** fit optional HO versions - specify NVS2 instead.
Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs
- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.03	3.1	2.7
Red LED	277	0.01	3.6	3.1
Green LED	120	0.03	3.1	2.6
Green LED	277	0.01	3.0	2.4
Red LED - HO Option	120	0.06	7.0	4.3
Red LED - HO Option	277	0.03	6.7	3.8
Green LED - HO Option	120	0.08	6.8	4.1
Green LED - HO Option	277	0.03	7.1	3.7

*Fully charged battery

Battery • Standard battery will operate sign for 90 minutes in the event of a power outage • HO version will operate the sign plus an additional 11W remote load for 90 minutes
- Lead calcium battery warranted for one full year
- Nickel cadmium battery warranted for five full years

Battery Type	Temp. Range[1]
NiCad (Std.)	32°F - 100°F
Lead Calcium (HO)	40°F - 95°F

[1] To obtain rated life and capacity

NaviLite®

Exit Signs | NXPCL Series

Thermoplastic LED Combo Exit Sign/Emergency Light

Applications

Energy saving combination LED exit sign and emergency lighting unit in one compact, modern design. Flexibility and multi-function capabilities make our combo lights one of our most popular models.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction in black and white finishes
- Snap-fit faceplate installs without the use of tools
- Field replaceable chevron directional indicators
- Dual voltage 120/277 VAC operation
- Maintenance-free NiCad battery
- Optional High Output versions can power two additional remote heads
- Snap-fit canopy (included) enables speedy top mounting
- Universal single face and double face (extra faceplate included)
- Fully adjustable lighting heads

Mounting

May be top or back mounted • All signs include quick-install snap-fit canopy and mounting hardware for easy top mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: **NXPCL3RWHHO**

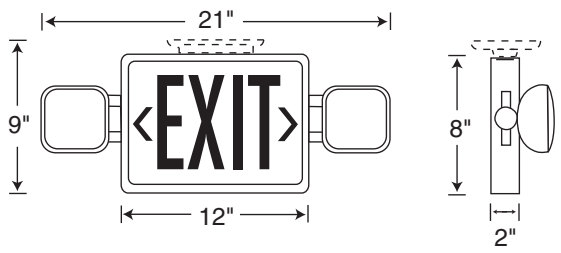
Series	Number of Faces	Letter Color	Finish	Options
NXPCL	3	R	WH	HO
NXPCL Series	**3** - Universal Single/ Double Face	**R** - Red **G** - Green	**WH** - White **BL** - Black	**HO** - High Output/ Remote Capable **SD** - Self-Diagnostics

Accessories

Catalog No.	Description
NVS4	Polycarbonate Vandal Shield - Large Bubble
NWG2	Wire Guard - Large

For remote heads, refer to Remote Head section series NRLC.
Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs
- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.04	3.67	2.69
Red LED	277	0.02	3.98	2.63
Green LED	120	0.03	2.78	2.43
Green LED	277	0.02	2.75	2.38
Red LED - HO Option	120	0.04	3.91	2.76
Red LED - HO Option	277	0.02	4.37	3.09
Green LED - HO Option	120	0.04	3.95	2.80
Green LED - HO Option	277	0.02	4.39	3.15

*Fully charged battery

Battery Sealed, maintenance-free NiCad battery will operate sign and two heads for 90 minutes in the event of a power outage • HO version will operate the sign and two heads plus an additional two remote heads for 90 minutes

Battery Type	Battery Voltage	Temp. Range[1]
NiCad (Std.)	9.6V, 700mAh	40°F - 95°F
NiCad (HO)	9.6V, 900mAh	40°F - 95°F

[1]To obtain rated life and capacity

LED PRODUCT

NaviLite®

Exit Signs | NXPC Series

Thermoplastic LED Combo Exit Sign/Emergency Light

Applications

Energy saving combination LED exit sign and emergency lighting unit in one compact, modern design. Flexibility and multi-function capabilities make our combo lights one of our most popular models.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction in black and white finishes
- Snap-fit faceplate installs without the use of tools
- Field replaceable chevron directional indicators
- Dual voltage 120/277 VAC operation
- Maintenance-free 6V sealed lead calcium battery
- Optional High Output versions can power an additional 11W for 90 minutes
- Snap-fit canopy (included) enables speedy top mounting
- Universal single face and double face (extra faceplate included)
- Fully adjustable lighting heads

Mounting

May be top or back mounted • All signs include quick-install snap-fit canopy and mounting hardware for easy top mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: **NXPC3RWHHO**

Series	Number of Faces	Letter Color	Finish	Options[1]
NXPC	3	R	WH	HO
NXPC Series	**3** - Universal Single/ Double Face	**R** - Red **G** - Green	**WH** - White **BL** - Black	**HO** - High Output/Remote Capable **SD** - Self-Diagnostics

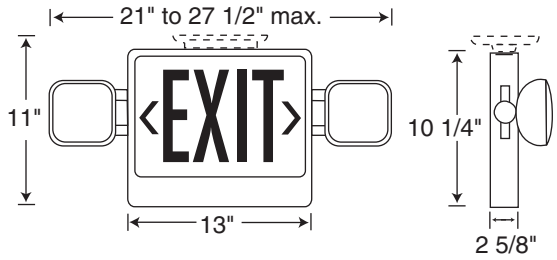
[1] Options may not be combined - for applications requiring multiple options, consult factory.

Accessories

Catalog No.	Description
NVS4	Polycarbonate Vandal Shield - Large Bubble
NWG2	Wire Guard - Large

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs
- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.06	6.5	3.6
Red LED	277	0.03	6.8	3.7
Green LED	120	0.06	7.1	4.2
Green LED	277	0.03	7.4	4.2
Red LED - HO Option	120	0.12	14.3	4.4
Red LED - HO Option	277	0.06	14.7	4.4
Green LED - HO Option	120	0.13	14.7	4.4
Green LED - HO Option	277	0.06	14.9	4.4

*Fully charged battery

Battery Sealed, maintenance-free lead calcium battery will operate sign and two 5.4W heads for 90 minutes in the event of a power outage • HO version will operate the sign and two 5.4W heads plus an additional 11W remote load for 90 minutes

Battery Type	Battery Voltage	Temp. Range[1]
Lead Calcium	6V, 4.5Ah	40°F - 95°F

[1]To obtain rated life and capacity

EXIT
Ground
CAYENNE
PEPPER
BOUILLON
CUBES
BOUILLON
CUBES

NaviLite®

Exit Signs | NXWC Series

Wet Location LED Combo Exit Sign/Emergency Light

Applications

Wet location approved exit signs feature an enclosure resistant to corrosive atmospheres, non-hazardous dust environments, hose-downs, water spray or splashing water.

Code Compliance

- UL 924
- Wet Location Listed
- Suitable for use in 0°C - 40°C (32°F - 104°F) temperature range
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Corrosion and impact resistant thermoplastic housing
- Clear polycarbonate faceplate with white vinyl EXIT stencil
- Sealed and gasketed housing
- Sealed test switch and power indicator light
- Integral breather vent
- Field selectable chevron directional indicators
- Single face, surface mount version only
- Includes mounting screws and hardware
- Dual voltage 120/277 VAC operation
- Listed for wet location applications (0°C - 40°C)
- Maintenance-free sealed nickel cadmium battery
- Includes two sealed and gasketed 6V, 5.4W weatherproof lighting heads with tempered glass lenses (incandescent wedge base lamps)

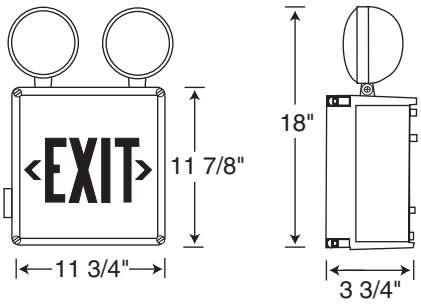
Mounting

Surface (wall) mount only • Includes mounting screws and hardware

Ordering Information

Catalog No.	Letter Color	Finish
NXWCRGY	Red	Gray
NXWCGGY	Green	Gray

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs
- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.07	7.3	7.0
Red LED	277	0.03	7.1	6.9
Green LED	120	0.06	6.8	6.0
Green LED	277	0.03	6.5	6.3

*Fully charged battery

Battery Long life, maintenance-free, high performance nickel cadmium • Designed to operate over a wider range of temperatures (32°F - 100°F operating range)
- Battery will operate sign and two 5.4W heads for a minimum of 90 minutes in the event of a power outage
- Nickel cadmium battery warranted for five full years

Battery Type	Temp. Range[1]
NiCad	32°F - 100°F

[1]To obtain rated life and capacity

NaviLite®

Exit Signs | NXW Series

Wet Location LED Exit AC Only

Applications

Wet location approved exit signs feature an enclosure resistant to corrosive atmospheres, non-hazardous dust environments, frequent water spray or splashing water.

Code Compliance

- UL 924
- Wet Location Listed
- Suitable for use in 0°C - 40°C (32°F - 104°F) temperature range
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Impact resistant thermoplastic housing
- Clear polycarbonate faceplate with white vinyl EXIT stencil
- Sealed and gasketed housing
- Integral breather vent
- Field selectable chevron directional indicators
- Single face, surface mount version only
- Includes mounting screws and hardware
- Dual voltage 120/277 VAC operation
- Listed for wet location applications (0°C - 40°C)

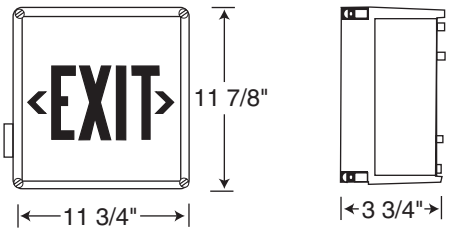
Mounting

Surface (wall) mount only • Includes mounting screws and hardware

Ordering Information

Catalog No.	Letter Color	Finish
NXWRGY	Red	Gray
NXWGGY	Green	Gray

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.02	2.5
Red LED	277	0.01	2.7
Green LED	120	0.02	2.7
Green LED	277	0.01	2.9

NaviLite®

Exit Signs | NXWB Series

Wet Location LED Exit Battery Back-Up

Applications

Wet location approved exit signs feature an enclosure resistant to non-hazardous dust environments, frequent water spray or splashing water.

Code Compliance

- UL 924
- Wet Location Listed
- Suitable for use in 0°C - 40°C (32°F - 104°F) temperature range
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Corrosion and impact resistant thermoplastic housing
- Clear polycarbonate faceplate with white vinyl EXIT stencil
- Sealed and gasketed housing
- Sealed test switch and power indicator light
- Integral breather vent
- Field selectable chevron directional indicators
- Single face, surface mount version only
- Includes mounting screws and hardware
- Dual voltage 120/277 VAC operation
- Listed for wet location applications (0°C - 40°C)
- Maintenance-free 4.8V sealed nickel cadmium battery

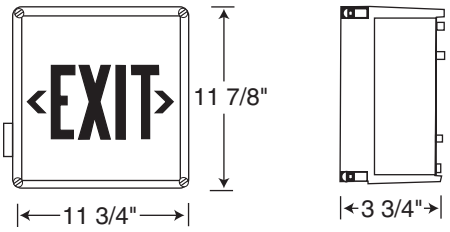
Mounting

Surface (wall) mount only • Includes mounting screws and hardware

Ordering Information

Catalog No.	Letter Color	Finish
NXWBRGY	Red	Gray
NXWBGGY	Green	Gray

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs

- Red or green LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts
Red LED	120	0.03	3.6	2.9
Red LED	277	0.01	3.2	2.9
Green LED	120	0.03	3.4	3.0
Green LED	277	0.01	3.4	2.9

Battery Long life, maintenance-free, high performance nickel cadmium • Designed to operate over a wider range of temperatures (32°F - 100°F operating range) • Battery will operate sign for 90 minutes in the event of a power outage • Nickel cadmium battery warranted for five full years

Battery Type	Temp. Range[1]
NiCad	32°F - 100°F

[1]To obtain rated life and capacity

NaviLite®

Emergency Lighting | N1L Series

Thermoplastic LED Emergency Light Adjustable Square Heads

Applications

Contemporary design, full adjustability, quick installation and premium options in a stylish and economical package.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction
- Compact, low profile design in white and black finishes
- Universal mounting plate with quick-connect feature reduces installation labor
- Universal mounting pattern knockouts in backplate for junction box mounting
- Fully adjustable glare-free lighting heads with white LED lamps
- Dual voltage 120/277 VAC operation
- Maintenance-free NiCad battery
- Available with HO option for remote loads

Mounting

Suitable for wall or ceiling mounting • Mounting plate includes universal mounting pattern for simple mounting over junction box

Ordering Information — Standard Units

Catalog No.	Finish	Lamps
N1LWH	White	White LED
N1LBL	Black	White LED
N1LWHSD (Self-Diagnostic)	White	White LED
N1LBLSD (Self-Diagnostic)	Black	White LED

Ordering Information — High Output Units

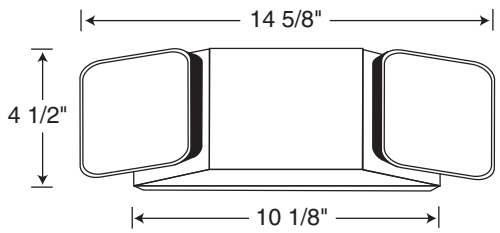
Catalog No.	Finish	Lamps	Max. Remote Capacity
N1LWHHO	White	White LED	2 Heads
N1LBLHO	Black	White LED	2 Heads
N1LWHHOSD (Self-Diagnostic)	White	White LED	2 Heads
N1LBLHOSD (Self-Diagnostic)	Black	White LED	2 Heads

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble
NWG1	Wire Guard - Small

For remote heads, refer to Remote Head section series NRL.
Accessories are ordered separately. To order, specify catalog number.

Dimensions



Depth: 3 3/4" max.

Electrical Data

Lamps Supplied with white LED light heads

	Input Voltage	Max. Amps	Max. Watts
White LED	120	0.03	2.0
White LED	277	0.02	2.2

Battery Maintenance-free NiCad battery • Standard battery will operate fixture for a minimum of 90 minutes in the event of a power outage • High Output version will operate a fixture plus two remote heads for a minimum of 90 minutes

Battery Type	Battery Voltage	Temp. Range[1]
NiCad (Std.)	3.6V, 900mAh	40°F - 95°F
NiCad (HO)	3.6V, 1800mAh	40°F - 95°F

[1]To obtain rated life and capacity

Applications
Contemporary design, full adjustability, quick installation and premium options in a stylish and economical package.

Code Compliance
- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features
- Injection molded, high impact, UV-stabilized thermoplastic construction
- Compact, low profile design in white and black finishes
- Universal mounting plate with quick-connect feature reduces installation labor
- Universal mounting pattern knockouts in backplate for junction box mounting
- Fully adjustable glare-free lighting heads
- Dual voltage 120/277 VAC operation
- Maintenance-free 6V sealed lead calcium battery
- Available with HO option for remote loads
- Supplied with 6V, 5.4W incandescent wedge base lamps

Mounting
Suitable for wall or ceiling mounting • Mounting plate includes universal mounting pattern for simple mounting over junction box

Ordering Information — Standard Units

Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1 1/2 hrs.	2 hrs.	4 hrs.
N1WH	White	6V	2 x 5.4W	11	-	-
N1BL	Black	6V	2 x 5.4W	11	-	-
N1WHSD (Self-Diagnostic)	White	6V	2 x 5.4W	11	-	-
N1BLSD (Self-Diagnostic)	Black	6V	2 x 5.4W	11	-	-

Ordering Information — Standard Units

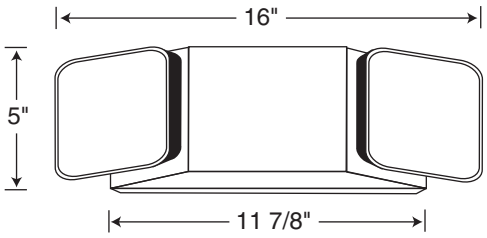
Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1 1/2 hrs.	2 hrs.	4 hrs.
N1WHHO	White	6V	2 x 5.4W	16.5	11	-
N1BLHO	Black	6V	2 x 5.4W	16.5	11	-
N1WHHOSD (Self-Diagnostic)	White	6V	2 x 5.4W	16.5	11	-
N1BLHOSD (Self-Diagnostic)	Black	6V	2 x 5.4W	16.5	11	-

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Depth: 5" max.

Electrical Data

Lamps Supplied with 6V, 5.4W incandescent wedge base lamps

Input Voltage	Max. Amps	Max. Watts
120	0.04	3.4
277	0.02	4.2

Battery Maintenance-free 6V sealed lead calcium battery • Standard battery will operate fixture for a minimum of 90 minutes in the event of a power outage • High Output version will operate a total of 16.5 watts for a minimum of 90 minutes • Lead calcium battery warranted for one full year

Battery Type	Battery Voltage	Temp. Range[1]
Lead Calcium (Std.)	6V, 4.5Ah	40°F - 95°F
Lead Calcium (HO)	6V, 7Ah	40°F - 95°F

[1]To obtain rated life and capacity

Applications
Contemporary design with fully adjustable, high performance optics make this unit ideal for commercial and retail applications where good ground level illumination is required.

Code Compliance
- UL 924
- NFPA 101 Life Safety Code compliant
- NEC and OSHA compliant

Features
- Injection molded, high impact, UV stabilized thermoplastic construction
- Two round adjustable heads
- High performance reflector/lens assembly
- Universal mounting plate with quick connect feature
- Dual voltage 120/227 VAC operation
- Maintenance-free sealed lead calcium battery
- Available with HO option for remote loads
- White or Black finish

Mounting
Suitable for wall or ceiling mounting • Mounting plate includes universal mounting pattern for simple mounting over junction box • Conduit mounting ready

Ordering Information

Catalog No.	Finish	Lamp Wattage	Remote Capacity
Standard Units			
N4WH	White	Two 6V 5W T5 Wedge Base	
N4BL	Black		
Remote Capable Units			
N4WHHO	White	Two 6V 5.4W T5 Wedge Base	Up to 10.8W
N4BLHO	Black		

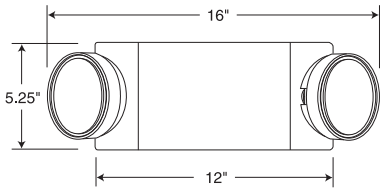
Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble
NWG1	Wire Guard - Small

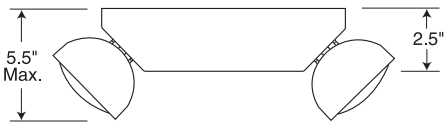
Accessories are ordered separately. To order, specify catalog number.

Dimensions

FRONT VIEW



TOP VIEW



Electrical Data

Lamps Supplied with 6V, 5W incandescent wedge base lamps (Standard unit) or 6V, 5.4W incandescent wedge base lamps (HO version).

	Input Voltage	Max. Amps	Max. Watts
Standard Unit	120	0.041	4.6
	277	0.020	5.1
HO Version	120	0.077	8.5
	277	0.032	8.2

Battery Maintenance-free 6V sealed lead calcium battery • Battery will operate fixture for a minimum of 90 minutes in the event of a power outage • High Output version will operate a total of 21.6 Watts for a minimum of 90 minutes

Battery Type	Battery Voltage	Temp. Range[1]
Lead Calcium	6V, 4.5Ah	40°F - 95°F

[1]To obtain rated life and capacity

Applications
Contemporary design with fully adjustable, high performance optics make this unit ideal for commercial and retail applications where good ground level illumination is required.

Code Compliance
- UL 924
- NFPA 101 Life Safety Code compliant
- NEC and OSHA compliant

Features
- Injection molded, high impact, UV stabilized thermoplastic construction
- Two round adjustable heads
- High performance reflector/lens assembly
- Universal mounting plate with quick connect feature
- Dual voltage 120/227 VAC operation
- Maintenance-free sealed lead calcium battery
- Choice of lamp wattage
- White or Black finish

Mounting
Suitable for wall or ceiling mounting • Mounting plate includes universal mounting pattern for simple mounting over junction box • Conduit mounting ready

Ordering Information

Catalog No.	Finish	Lamp Wattage	Remote Capacity
High Performance Units			
N4WHHO7	White	Two 6V 7.2W T5 Wedge Base	
N4BLHO7	Black		
N4WHHO9	White	Two 6V 9W T5 Wedge Base	
N4BLHO9	Black		
N4WHHO10	White	Two 6V 10W T5 Wedge Base	
N4BLHO10	Black		

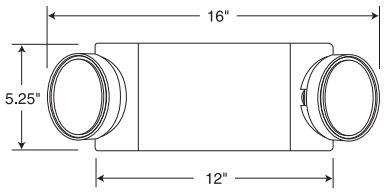
Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble
NWG1	Wire Guard - Small

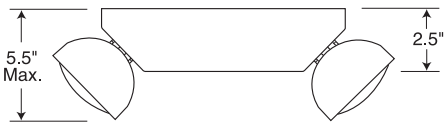
Accessories are ordered separately. To order, specify catalog number.

Dimensions

FRONT VIEW



TOP VIEW



Electrical Data

Lamps Supplied with incandescent wedge base lamps.

	Input Voltage	Max. Amps	Max. Watts
HO	120	0.077	8.5
Version	277	0.032	8.2

Battery Maintenance-free 6V sealed lead calcium battery
• Battery will operate fixture for a minimum of 90 minutes in the event of a power outage

Battery Type	Battery Voltage	Temp. Range[1]
Lead Calcium	6V, 7Ah	40°F - 95°F

[1]To obtain rated life and capacity

Emergency Lighting | N3 Series

Thermoplastic Emergency Light Adjustable Designer MR16 Heads

Applications

Fully adjustable MR16 designer heads offer a fresh aesthetic in this elegantly designed, quick-install emergency light.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction
- Compact, low profile design in white and black finishes
- Universal mounting plate with quick-connect feature reduces installation labor
- Universal mounting pattern knockouts in backplate for junction box mounting
- Fully adjustable lighting heads
- Dual voltage 120/277 VAC operation
- Maintenance-free 6V sealed lead calcium battery
- Available with HO option for remote loads
- Supplied with 6V 5W MR16 halogen lamps

Mounting

Suitable for wall or ceiling mounting • Mounting plate includes universal mounting pattern for simple mounting over junction box

Ordering Information

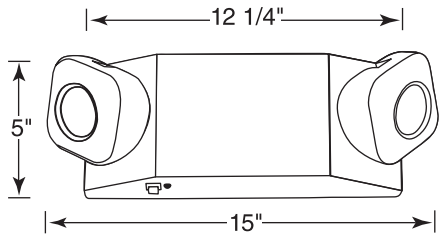
Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1 1/2 hrs.	2 hrs.	4 hrs.	Remote Capacity
N3WH	White	6V	2 x 5.4W	11	-	-	-
N3BL	Black	6V	2 x 5.4W	11	-	-	-
N3WHSD (Self-Diagnostic)	White	6V	2 x 5W	11	-	-	-
N3BLSD (Self-Diagnostic)	Black	6V	2 x 5W	11	-	-	-
N3WHHO	White	6V	2 x 5W	15	10	-	5W max.
N3BLHO	Black	6V	2 x 5W	15	10	-	5W max.

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Depth: 5" max.

Electrical Data

Lamps Supplied with 6V, 5W halogen MR16 lamps

Input Voltage	Max. Amps	Max. Watts
120	0.04	3.8
277	0.02	4.2

Battery Maintenance-free 6V sealed lead calcium battery • Battery will operate fixture for a minimum of 90 minutes in the event of a power outage • High Output version will operate the two heads plus and additional 5W remote load for a minimum of 90 minutes • Lead calcium battery warranted for one full year

Battery Type	Battery Voltage	Temp. Range[1]
Lead Calcium (Std.)	6V, 4.5Ah	40°F - 95°F
Lead Calcium (HO)	6V, 7Ah	40°F - 95°F

[1]To obtain rated life and capacity

Applications
Ultra-compact, low profile, ADA compliant emergency light with fixed optics provides consistent, predictable aiming whether mounted on wall or ceiling.

Code Compliance
- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features
- Injection molded, high impact, UV-stabilized thermoplastic construction
- Ultra-compact, low profile design in white and black finishes
- Universal mounting plate with quick-connect feature reduces installation labor
- Universal mounting pattern knockouts in backplate for junction box mounting
- Fixed optics prismatic lenses direct light along typical path of egress
- Dual voltage 120/277 VAC operation
- Maintenance-free 6V sealed lead calcium battery
- Supplied with 6V 5.4W incandescent wedge base lamps

Mounting
Suitable for wall or ceiling mounting • Mounting plate includes universal mounting pattern for simple mounting over junction box

Ordering Information

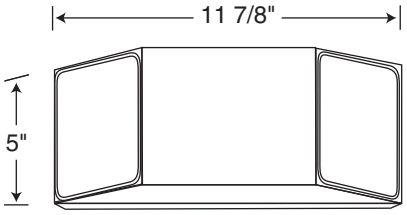
Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1 1/2 hrs.	2 hrs.	4 hrs.
N2WH	White	6V	2 x 5.4W	11	-	-
N2BL	Black	6V	2 x 5.4W	11	-	-

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Depth: 2 1/2" max.

Electrical Data

Lamps Supplied with 6V, 5.4W incandescent wedge base lamps

Input Voltage	Max. Amps	Max. Watts
120	0.04	3.9
277	0.02	4.2

Battery Maintenance-free 6V sealed lead calcium battery • Battery will operate fixture for a minimum of 90 minutes in the event of a power outage • Lead calcium battery warranted for one full year

Battery Type	Battery Voltage	Temp. Range[1]
Lead Calcium	6V, 4.5Ah	40°F - 95°F

[1]To obtain rated life and capacity

Applications
Recessed fixture blends smoothly with the ceiling, providing emergency illumination with minimum disruption to the building's interior decor. Provides powerful illumination for corridors and doorsteps.

Code Compliance
- UL 924
- NFPA 101 Life Safety Code compliant
- NEC and OSHA compliant

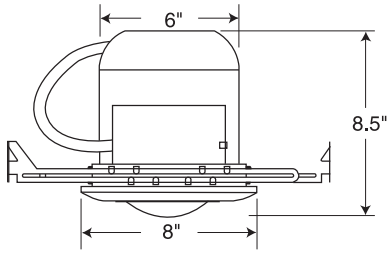
Features
- Fully adjustable thermoplastic gimbal assembly
- PAR36 size lens and reflector assembly optimized for Emergency Lighting
- 6V 8W Bi-Pin Halogen Lamp
- Integral test switch and AC ON LED
- Battery and electronics inside the housing
- 6" steel recessed housing with bar hangers

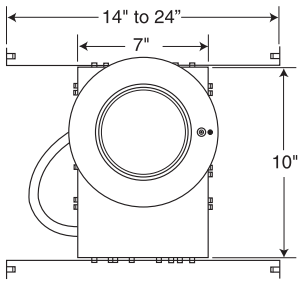
Mounting
Ceiling recessed mounting • Includes telescoping bar hangers for joist or T-bar ceiling applications • Housing is vertically adjustable to accommodate ceiling thickness

Ordering Information

Catalog No.	Finish	Input Voltage	Output Voltage	Lamp Wattage	Rated Output Watts
NRGWH	White	120/277V	6VDC	8W Bi-Pin Halogen	8W for 90 minutes

Dimensions





6.5" Ceiling Cutout

Electrical Data

Lamps Supplied with Bi-Pin Halogen 6V 8W lamp
• Custom PAR36 size reflector and lens offer optimum emergency lighting illumination

Input Voltage	Max. Amps	Max. Watts
120	0.03	2.8
277	0.016	3.5

Battery Maintenance-free 6V sealed lead calcium battery
• Battery will operate fixture for a minimum of 90 minutes in the event of a power outage • Lead calcium battery warranted for one full year

Battery Type	Battery Voltage	Temp. Range[1]
Lead Calcium	6V, 4.2Ah	40°F - 95°F

[1]To obtain rated life and capacity

Emergency Lighting | N7 Series

Semi-Recessed Emergency Light Adjustable Round Heads

Applications

Semi-Recessed Emergency Lighting Unit mounts flush with the ceiling for a concealed, unobtrusive look. Ideal for applications that require adjustability when wall mounting is not desired or not practical.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Heavy duty, die-formed steel faceplate
- Corrosion resistant polyester powder coat paint in white finish
- Recessed housing equipped with adjustable bar hangers for installation flexibility
- Faceplate attaches to housing via heavy duty torsion springs for snug fit to ceiling
- Injection molded, high impact, UV-stabilized thermoplastic lighting heads
- Fully adjustable glare-free lighting heads
- Dual voltage 120/277 VAC operation
- Maintenance-free 6V sealed lead calcium battery
- Supplied with 6V, 5.4W incandescent wedge base lamps
- Suitable for wall or ceiling mounting

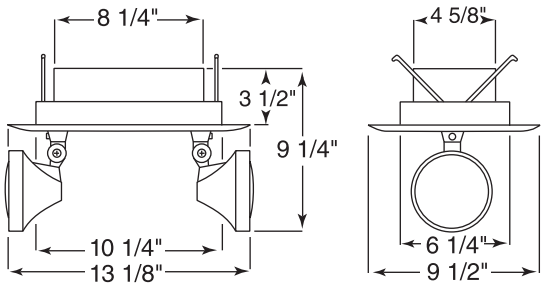
Mounting

Die-formed steel recessed housing supplied with adjustable bar hangers • Modular connector facilitates faceplate connection • Faceplate mounts via heavy duty torsion springs

Ordering Information

Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1 1/2 hrs.	2 hrs.	4 hrs.
N7WH	White	6V	2 x 5.4W	11	-	-

Dimensions



Electrical Data

Lamps Supplied with 6V, 5.4W incandescent wedge base lamps

Input Voltage	Max. Amps	Max. Watts
120	0.12	13.6
277	0.06	17.1

Battery Maintenance-free 6V sealed lead calcium battery • Standard battery will operate fixture for a minimum of 90 minutes in the event of a power outage • Lead calcium battery warranted for one full year

Battery Type	Battery Voltage	Temp. Range[1]
Lead Calcium	6V, 4.5Ah	40°F - 95°F

[1]To obtain rated life and capacity

LED PRODUCT

NaviLite®

Emergency Lighting | N5L LED Series

Architectural Emergency Light Wall Sconce

Applications

Ideal for hotels, shopping malls, office buildings or anywhere indoor/outdoor design continuity is desired.

Code Compliance

- UL 924
- Wet location listed
- NFPA 101 Life Safety Code compliant
- NEC and OSHA compliant

Features

- Die cast aluminum housing with polyester powder coat finish, choose white or bronze
- Snap-fit housing and mounting plate are held together by four stainless steel clips
- Silicone rubber seal with hollow center, shape adaptive design protects the electrical components from the weather
- Dual voltage 120/277 VAC 60Hz input, field selectable
- Supplied with an LED light source
- Maintenance-free, rechargeable 4.8V NiCad battery
- Cold weather battery with heater option is available
- Self diagnostic indicator automatically tests and reports potential maintenance issues

Mounting

Suitable for indoor or outdoor wall mounting on junction box, or with surface conduit using the supplied threaded top access • Mounting plate has molded universal mounting pattern for simple mounting over junction box

Ordering Information

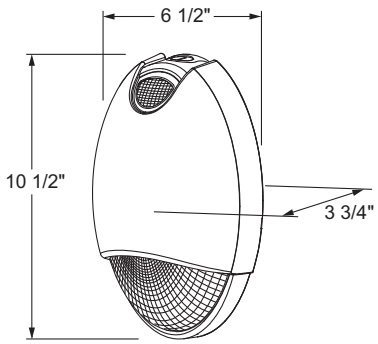
Catalog No.	Description	Finish	Input Voltage	Output Voltage
N5LWHSD	LED Architectural Emergency Light with Self-Diagnostics	White	120/277 VAC	4.8V
N5LBZSD	LED Architectural Emergency Light with Self-Diagnostics	Bronze	120/277 VAC	4.8V
N5LWHSDCB	LED Architectural Emergency Light with Self-Diagnostics and Cold Weather Battery	White	120/277 VAC	4.8V
N5LBZSDCB	LED Architectural Emergency Light with Self-Diagnostics and Cold Weather Battery	Bronze	120/277 VAC	4.8V

Replacement Parts

Catalog No.	Description
RP-NL48V2ANC	4.8V, 2.8Ah Replacement Battery
RP-NL48V2ANCHS	4.8V, 2.8Ah Battery + Heater

To order, specify catalog number.

Dimensions



Electrical Data

	Input Voltage	Max. Amps	Max. Watts
Standard	120	0.05	4.80
Unit	277	0.02	4.80
SDCB	120	0.39	46.00 (heater ON)
Option	277	0.15	41.00 (heater ON)

Battery Maintenance-free 4.8V NiCad battery will operate fixture for a minimum of 90 minutes in the event of a power outage • Optional cold weather battery with heater is available for temperatures as low as -4˚F (SDCB option).

Battery Type	Battery Voltage	Shelf Life	Expected Life	Temperature Range
NiCad	4.8V	10 yr.	5-8 yr.	32˚F - 122˚F (0˚C - 50˚C)
NiCad with Heater	4.8V	10yr.	5-8 yr.	-4˚F - 122˚F (-20˚C - 50˚C)

[1]At 77˚F

Applications
Ideal for hotels, shopping malls, office buildings or anywhere indoor/outdoor design continuity is desired.

Code Compliance
- UL 924
- Wet location listed
- NFPA 101 Life Safety Code compliant
- NEC and OSHA compliant

Features
- Die cast aluminum housing with polyester powder coat finish, choose white or bronze
- Snap-fit housing and mounting plate are held together by four stainless steel clips
- Silicone rubber seal with hollow center, shape adaptive design protects the electrical components from the weather
- Dual voltage 120/277 VAC 60Hz input, field selectable
- Supplied with 6V, 6W high lumen output Xenon lamps with G4 base
- Maintenance-free, rechargeable 6V NiCad battery
- Cold weather battery with heater option is available (SDCB units only)
- Self diagnostic indicator automatically tests and reports potential maintenance issues (SDCB units only)

Mounting
Suitable for indoor or outdoor wall mounting on junction box, or with surface conduit using the supplied threaded top access • Mounting plate has molded universal mounting pattern for simple mounting over junction box

Ordering Information

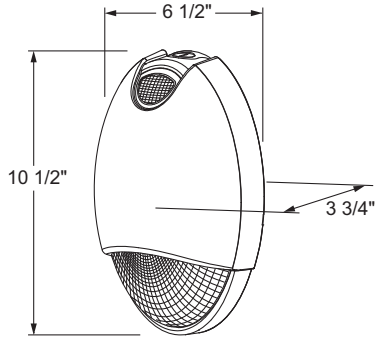
Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 11/2 hrs.
Standard Units				
N5WH	White	6V	2 x 6W Xenon	12
N5BZ	Bronze	6V	2 x 6W Xenon	12
Units with Self Diagnostics and Cold Weather Batteries				
N5WHSDCB	White	6V	2 x 6W Xenon	12
N5BZSDCB	Bronze	6V	2 x 6W Xenon	12

Replacement Parts

Catalog No.	Description
RP-NL6V6XEN	6V, 6W Xenon Lamp G4 Lamp
RP-NL6V5ANC	6V, 5AH Replacement Battery
RP-NL6V5ANCHS	6V, 5AH Battery + Heater

To order, specify catalog number.

Dimensions



Electrical Data

Lamps Supplied with 6V, 6W high lumen output Xenon lamps with G4 base

	Input Voltage	Max. Amps	Max. Watts
Standard Unit	120	0.29	3.25
	277	0.27	3.00
SDCB Option	120	0.50	50.00 (heater ON)
	277	0.58	122.00 (heater ON)

Battery Maintenance-free 6V NiCad battery will operate fixture for a minimum of 90 minutes in the event of a power outage • Optional cold weather battery with heater is available for temperatures between -4˚F - 120˚F (SDCB option).

Battery Type	Battery Voltage	Temp. Range[1]
NiCad (Std.)	6V, 5Ah	32°F - 100°F
NiCad (with Heater)	6V, 5Ah	-4°F - 120°F

[1]To obtain rated life and capacity

NaviLite® Emergency Lighting | N8 Series

Wet Location Emergency Light 6 Volt Emergency Operation

Applications

Wet Location units feature construction which is ideal for outdoors, while also being resistant to corrosive atmospheres, non-hazardous dust environments, frequent water spray or splashing water.

Code Compliance

- UL 924
- Suitable for use in 0°C - 40°C (32°F - 104°F) temperature range
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Corrosion and impact resistant polycarbonate housing in industrial gray finish
- Sealed and gasketed housing with hinged cover
- Sealed test switch and power indicator light
- Integral breather vent
- External mounting brackets for simplified wall mounting
- Sealed and gasketed weatherproof lighting heads with tempered glass lenses
- Dual voltage 120/277 VAC operation
- Maintenance-free 6V sealed lead calcium battery
- Supplied with 6V, 7.2W incandescent wedge base lamps
- For wet location applications (0°C - 40°C)

Mounting

Integral mounting brackets for simplified wall mounting

Ordering Information — Standard Units

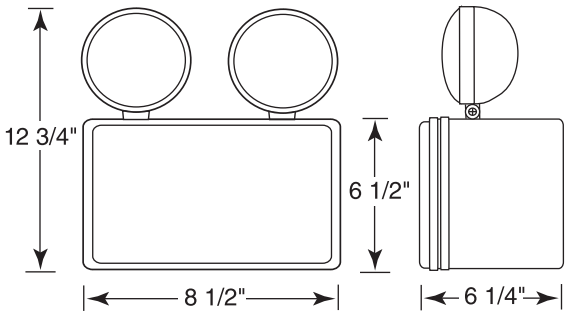
Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1 1/2 hrs.	2 hrs.	4 hrs.	8 hrs.
N8GY	Gray	6V	2 x 7.2W	18	-	-	-

Accessories

Catalog No.	Description
NVS2	Polycarbonate Vandal Shield - Medium Bubble

NVS2 must be oriented vertically to accommodate N8 dimensions.
Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Supplied with 6V, 7.2W incandescent wedge base lamps

Input Voltage	Max. Amps	Max. Watts
120	0.06	6.1
277	0.03	6.4

Battery Maintenance-free 6V sealed lead calcium battery • Standard battery will operate fixture for a minimum of 90 minutes in the event of a power outage • Lead calcium battery warranted for one full year

Battery Type	Battery Voltage	Temp. Range[1]
Lead Calcium	6V, 10Ah	40°F - 95°F

[1]To obtain rated life and capacity

Emergency Lighting | N12 Series

High Wattage Emergency Light 12 Volt Emergency Operation

Applications

High Wattage Emergency Lights are designed with larger batteries to deliver the remote capacity or longer emergency operation required in common commercial and industrial applications. 6V units are ideal for shorter runs while 12V units enable longer runs with reduced voltage drop (see N6 Series for 6V units).

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction
- Rugged, heavy duty design in white (neutral) finish
- Multiple conduit knockouts on top and sides for installation flexibility
- Keyhole slots for simplified wall mounting
- Fully adjustable, glare-free lighting heads with tempered glass lenses (incandescent wedge base lamps)
- Dual voltage 120/277 VAC operation
- Maintenance-free 6V sealed lead calcium battery connected in series configuration
- Supplied with 12V, 9W incandescent wedge base lamps

Mounting

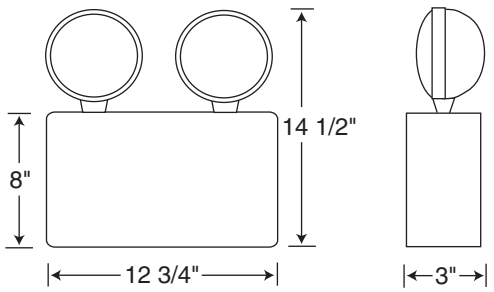
Keyhole slots provided for simplified wall mounting

Ordering Information — Standard Units

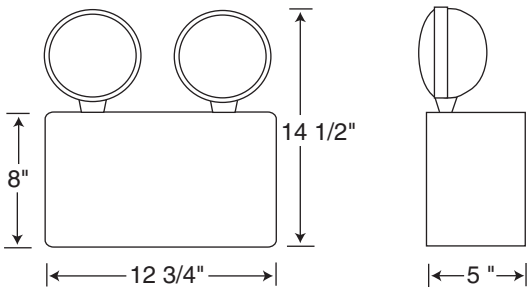
Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1 1/2 hrs.	2 hrs.	4 hrs.	8 hrs.	Remote Capacity
N1250WH	Neutral White	12V	2 x 9W	50	37	18	-	32W max.
N12100WH	Neutral White	12V	2 x 9W	100	75	37	18	82W max.

Dimensions

N1250



N12100



Electrical Data

Lamps Supplied with 12V, 9W incandescent wedge base lamps. Additional remote heads can be ordered separately

	Input Voltage	Max. Amps	Max. Watts
N1250WH	120	0.15	17.0
	277	0.07	18.3
N12100WH	120	0.28	31.1
	277	0.12	31.8

Battery Maintenance-free 6V sealed lead calcium batteries connected in series to deliver 12V output • 50W version uses two batteries • 100W version uses four batteries • 50W and 100W versions will operate rated load for a minimum of 90 minutes in the event of a power outage • For longer emergency operating times up to 8 hours, connected load can be configured based on rated output watts • Lead calcium battery warranted for one full year • All remote heads connected to this unit must be 12V DC

Battery Type	Battery Voltage	Temp. Range[1]
Lead Calcium	6V, 10Ah	40°F - 95°F

[1]To obtain rated life and capacity

Applications

High Wattage Emergency Lights are designed with larger batteries to deliver the remote capacity or longer emergency operation required in common commercial and industrial applications. 6V units are ideal for shorter runs while 12V units enable longer runs with reduced voltage drop (see N12 Series for 12V units).

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction
- Rugged, heavy duty design in white (neutral) finish
- Multiple conduit knockouts on top and sides for installation flexibility
- Keyhole slots for simplified wall mounting
- Fully adjustable, glare-free lighting heads with tempered glass lenses (incandescent wedge base lamps)
- Dual voltage 120/277 VAC operation
- Maintenance-free 6V sealed lead calcium battery connected in parallel configuration
- Supplied with 6V, 7.2W incandescent wedge base lamps

Mounting

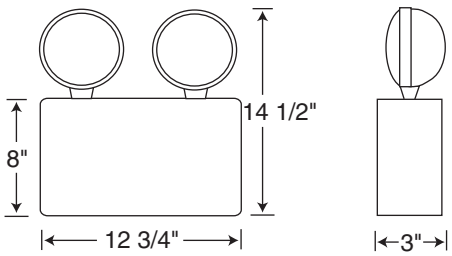
Keyhole slots provided for simplified wall mounting

Ordering Information — Standard Units

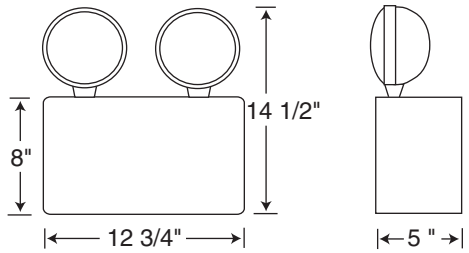
Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1 1/2 hrs.	2 hrs.	4 hrs.	8 hrs.	Remote Capacity
N650WH	Neutral White	6V	2 x 7.2W	50	37	18	-	35.6W max.
N6100WH	Neutral White	6V	2 x 7.2W	100	75	37	18	85.6W max.

Dimensions

N650



N6100



Electrical Data

Lamps Supplied with 6V, 7.2W incandescent wedge base lamps. Additional remote heads can be ordered separately

	Input Voltage	Max. Amps	Max. Watts
N650WH	120	0.14	15.6
	277	0.06	15.9
N6100WH	120	0.20	23.0
	277	0.09	23.1

Battery Maintenance-free 6V sealed lead calcium battery • 50W version uses two batteries • 100W version uses four batteries • 50W and 100W versions will operate rated load for a minimum of 90 minutes in the event of a power outage • For longer emergency operating times up to 8 hours, connected load can be configured based on rated output watts • Lead calcium battery warranted for one full year • All remote heads connected to this unit must be 6V DC

Battery Type	Battery Voltage	Temp. Range[1]
Lead Calcium	6V, 10Ah	40°F - 95°F

[1]To obtain rated life and capacity

NaviLite®

Emergency Lighting | NRL Series

LED Remote Heads NRLSQ & NRLCSQ Series

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction
- Fully adjustable, glare free
- White LED light source
- For use with N1L Series emergency units with HO option
- 3.6V operation

Ordering Information

Example: **NRLSQ2WH**

Series	Style	Number of Heads	Finish	Options
NRL	SQ	2	WH	
NRL Series	**SQ** - Square For use with N1L Series units	**1** - One **2** - Two	**WH** - White	***No Suffix*** - Without options **SD** - For use with units with self diagnostics

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble

Accessories are ordered separately. To order, specify catalog number.

Electrical Data

Lamps Supplied with white LEDs

Note: When selecting remote heads, make sure the DC voltage of the head matches that of the fixture to which they will be connected.

Features

- Injection molded, high impact, UV-stabilized thermoplastic construction
- Fully adjustable, glare free
- White LED light source
- For use with NXPCL Series combos with HO option
- 9.6V operation

Ordering Information

Example: **NRLCSQ2WH**

Series	Style	Number of Heads	Finish	Options
NRLC	SQ	2	WH	
NRLC Series	**SQ** - Square For use with NXPCL combos	**1** - One **2** - Two	**WH** - White	***No Suffix*** - Without options **SD** - For use with combos with self diagnostics

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble

Accessories are ordered separately. To order, specify catalog number.

Electrical Data

Lamps Supplied with white LEDs

Note: When selecting remote heads, make sure the DC voltage of the head matches that of the fixture to which they will be connected.

NaviLite®

Emergency Lighting | NRL Series

LED Remote Heads NRLWP & NRLCWP Series

Features

- Fully adjustable, glare free
- Tempered glass lens
- Gasketed for wet location applications
- For use with N1L Series emergency units
- 3.6V operation

Ordering Information

Example: **NRLWP2GY**

Series	Style	Number of Heads	Finish	Options
NRL	WP	2	GY	
NRL Series	**WP** - Weatherproof	**1** - One **2** - Two	**GY** - Gray	***No Suffix*** - Without options **SD** - For use with units with self diagnostics

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble

Accessories are ordered separately. To order, specify catalog number.

Electrical Data

Lamps Supplied with white LEDs

Note: When selecting remote heads, make sure the DC voltage of the head matches that of the fixture to which they will be connected.

Features

- Fully adjustable, glare free
- Tempered glass lens
- Gasketed for wet location applications
- For use with NXPCL Series combos
- 9.6V operation

Ordering Information

Example: **NRLCWP2GY**

Series	Style	Number of Heads	Finish	Options
NRLC	WP	2	GY	
NRLC Series	**WP** - Weatherproof	**1** - One **2** - Two	**GY** - Gray	***No Suffix*** - Without options **SD** - For use with combos with self diagnostics

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble

Accessories are ordered separately. To order, specify catalog number.

Electrical Data

Lamps Supplied with white LEDs

Note: When selecting remote heads, make sure the DC voltage of the head matches that of the fixture to which they will be connected.

Features
- Available in a variety of voltages and wattages
- Injection molded, high impact, UV-stabilized thermoplastic construction
- Fully adjustable, glare free

Ordering Information

Example: **NRSQ2WH12V12**

Series	Style	Number of Heads	Finish	Lamp Type
NR	SQ	2	WH	12V12
NR Series	**SQ** - Square	**1** - One **2** - Two	**WH** - White **BL** - Black	**6V5** - 6V, 5.4W **6V7** - 6V, 7.2W **6V9** - 6V, 9W **12V7** - 12V, 7.2W **12V9** - 12V, 9W **12V12** - 12V, 12W

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble

Accessories are ordered separately. To order, specify catalog number.

Electrical Data

Lamps Supplied with incandescent wedge base lamps

Note: When selecting remote heads, make sure the DC voltage of the head matches that of the fixture to which they will be connected.

Features
- Injection molded, high impact, UV-stabilized thermoplastic construction
- Fully adjustable, glare free
- Designer MR16 heads

Ordering Information

Example: **NRMR2BL6V5**

Series	Style	Number of Heads	Finish	Lamp Type
NR	MR	2	BL	6V5
NR Series	**MR** - Designer MR16	**1** - One **2** - Two	**WH** - White **BL** - Black	**6V5** - 6V, 5W

Accessories

Catalog No.	Description
NVS3	Polycarbonate Vandal Shield - Small Bubble

Accessories are ordered separately. To order, specify catalog number.

Electrical Data

Lamps Supplied with 6V, 5W halogen MR16 bi-pin lamps

Note: When selecting remote heads, make sure the DC voltage of the head matches that of the fixture to which they will be connected.

Features

- Available in a variety of voltages and wattages
- Injection molded, high impact, UV-stabilized thermoplastic construction
- Fully adjustable, glare free

Ordering Information

Example: **NRRD2WH12V12**

Series	Style	Number of Heads	Finish	Lamp Type
NR	RD	2	WH	12V12
NR Series	**RD** - Round	**1** - One **2** - Two	**WH** - Neutral White **BL** - Black	**6V5** - 6V, 5.4W **6V7** - 6V, 7.2W **6V9** - 6V, 9W **12V7** - 12V, 7.2W **12V9** - 12V, 9W **12V12** - 12V, 12W

Electrical Data

Lamps Supplied with incandescent wedge base lamps

Note: When selecting remote heads, make sure the DC voltage of the head matches that of the fixture to which they will be connected.

Features

- Tempered glass lens
- Sealed and gasketed for wet location applications

Ordering Information

Example: **NRWP1GY6V7**

Series	Style	Number of Heads	Finish	Lamp Type
NR	WP	1	GY	6V7
NR Series	**WP** - Weatherproof	**1** - One **2** - Two	**GY** - Gray	**6V5** - 6V, 5.4W **6V7** - 6V, 7.2W

Electrical Data

Lamps Supplied with incandescent wedge base lamps

Note: When selecting remote heads, make sure the DC voltage of the head matches that of the fixture to which they will be connected.

Applications

The NaviLite Fluorescent Emergency Ballast allows the same fixture to be used for both normal and emergency operation. In the event of a power failure, the emergency ballast switches to the emergency mode and operates one or two of the existing lamps for a minimum of 90 minutes. Each emergency ballast contains a battery, charger and inverter circuit in a single package.
The emergency ballast can be mounted in the fixture wireway or on top of the fixture, and is UL Listed for factory installation or retrofit applications.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant

Features

- Heavy duty steel case
- Dual voltage 120/277 VAC operation
- Includes push button test switch and AC power indicator
- Maintenance-free, high temperature sealed nickel cadmium battery
- Wide operating temperature range (65°F - 120°F)
- Ballast can be mounted in fixture wireway or on top of fixture or remote mounted (consult specification sheet for remote mounting details)
- Listed for factory or field (retrofit) installation
- May be installed in switched or unswitched fixtures
- Requires unswitched AC power source for proper operation
- When operating two lamps in emergency mode, rated lumen output is divided evenly between the lamps
- See Ordering Information for supported lamp types
- Models NEB650C and NEB3000 include flexible metal conduit for suspended ceiling applications

Mounting

Ballast can be mounted in fixture wireway or on top of fixture or remote mounted • May be installed in switched or unswitched fixtures • For remote mounting, the emergency ballast must be located no further than half the distance recommended by the fixture's AC ballast manufacturer or 50 feet, whichever is less • Consult factory for remote mounting questions prior to installation

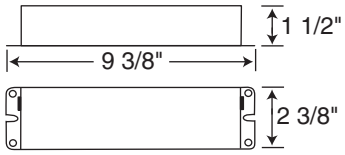
Ordering Information/Lamp Compatibility Chart

Catalog No. Lumens			**NEB500** 500	**NEB650C** 650	**NEB700** 700	**NEB1400** 1400	**NEB3000** 3000
Linear Lamps			**Number of Lamps supported**				
1", 1 1/4", 1 1/2" diameter (T8, T10, T12) Rapid, Instant, or Energy Savings	Single or Bi-pin	17-40W (2'-4')	1		1	1 or 2	1 or 2
		40-110W (5'-8')			1	1	1
		110-215W					1
20W - 40W Circline			1		1 or 2	1 or 2	1 or 2
Compact Lamps			**Number of Lamps supported**				
Compact	4-Pin	13W, 18W, 26W	1	1	1	1	1
	4-Pin	13W-42W Twin, Quad, or Triple	1	1	1	1 or 2	1 or 2
	Biax	40W			1	1	1 or 2
		40W-55W			1	1	1

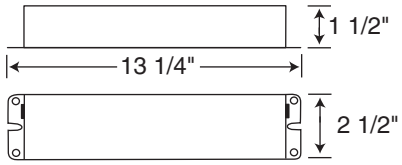
Note: For suspended ceiling applications where conduit is required for wiring, use models NEB650C or NEB3000 which come with flexible metal conduit included.

Dimensions

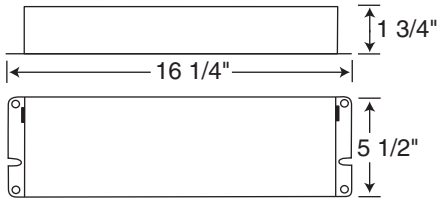
NEB650C, NEB500, NEB700



NEB1400



NEB3000



Electrical Data

Electrical Dual voltage 120/277 VAC • Solid state charging and switching • Brownout protection • Battery low voltage disconnect • Overload and short circuit protection • Includes AC power indicator and test switch • Requires unswitched AC power source for proper operation • When operating two lamps in emergency mode, rated lumen output is divided evenly between the lamps • See Ordering Information for supported lamp types

Catalog No.	Input Voltage	Max. Amps	Max. Watts
NEB500	120	.26	2.4
NEB500	277	.25	2.8
NEB650C	120	.27	2.5
NEB650C	277	.25	2.5
NEB700	120	.27	2.5
NEB700	277	.25	2.4
NEB1400	120	.27	3.2
NEB1400	277	.25	3.1
NEB3000	120	.26	5.3
NEB3000	277	.25	5.4

Battery Long-life, maintenance-free, high performance nickel cadmium • 65°F - 120°F operating range • Emergency ballast will operate lamps for a minimum of 90 minutes in the event of a power outage • NEB3000 battery is field replaceable • Self-contained ballast assembly is warranted for five full years

Battery Type	Temp. Range[1]
NiCad	65°F - 120°F

[1]To obtain rated life and capacity

NEB650C

NEB500

NEB700

NEB1400

NEB3000

LED PRODUCT

NaviLite®

Chicago Exit & Emergency | NCREXL & NCRESL Series Chicago Code Recessed Mount Edge-Lit LED Exit or Stairs Sign AC Only

Applications

Ideal for high end commercial applications where Chicago Building Code compliance is a requirement. Designed to meet the stringent standards of the Chicago Building Code, with a crystal clear acrylic face plate with translucent white background. The directional indicators are full size arrows as required by Chicago Building Code.

Code Compliance

- UL924
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code
- CCEA (Chicago Plenum)

Features

- Steel recessed housing with white finish
- Architectural aluminum trim in white finish
- Clear acrylic faceplate
- Red letters on a translucent white background
- Full directional arrows as required by Chicago Building Code
- Dual 120 or 277 VAC input
- Consumes less than 5W
- Meets Chicago Plenum requirements

Mounting

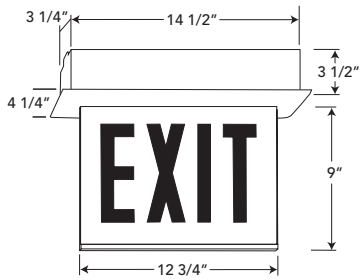
Mounts recessed from below in drywall or suspended ceilings • All signs include mounting clips to keep the recessed housing in place
• Trim attaches to the housing with 2 screws for permanent installation that does not sag

Ordering Information

Example: **NCREXLU1WHNA**

Series	Voltage	Number of Faces	Finish	Arrow Configuration
NCREXL	U	1	WH	NA
NCREXL Recessed EXIT **NCRESL** Recessed STAIRS	**U** - 120/277 VAC	**1** - Single Face **2** - Double Face	**WH** - White	**NA** - No Arrow **AR** - Arrow Right → **AL** - Arrow Left ← **DA** - Double Arrow ↔

Dimensions



Electrical Data

Lamps Long life white LEDs illuminate the translucent background and red letters

	Input Voltage	Max. Amps	Max. Watts
White LED	120	0.04	4.5
White LED	277	0.02	4.8

LED PRODUCT

NaviLite®

Chicago Exit & Emergency | NCREXLB & NCRESLB Series Chicago Code Recessed Mount Edge-Lit LED Exit or Stairs Sign Battery Backup

Applications

Ideal for high end commercial applications where Chicago Building Code compliance is a requirement. Designed to meet the stringent standards of the Chicago Building Code, with a crystal clear acrylic face plate with translucent white background. The directional indicators are full size arrows as required by Chicago Building Code.

Code Compliance

- UL924
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code
- CCEA (Chicago Plenum)

Features

- Steel recessed housing with white finish
- Architectural aluminum trim in white finish
- Clear acrylic faceplate
- Red letters on a translucent white background
- Full directional arrows as required by Chicago Building Code
- Dual 120 or 277 VAC input
- NiCad battery
- Consumes less than 5W
- Meets Chicago Plenum requirements

Mounting

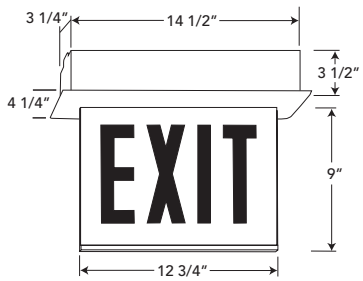
Mounts recessed from below in drywall or suspended ceilings • All signs include mounting clips to keep the recessed housing in place • Trim attaches to the housing with 2 screws for permanent installation that does not sag

Ordering Information

Example: **NCREXLBU1WHNA**

Series	Voltage	Number of Faces	Finish	Arrow Configuration
NCREXLB	U	1	WH	NA
NCREXLB Recessed EXIT **NCRESLB** Recessed STAIRS	**U** - 120/277 VAC	**1** - Single Face **2** - Double Face	**WH** - White	**NA** - No Arrow **AR** - Arrow Right → **AL** - Arrow Left ← **DA** - Double Arrow ↔

Dimensions



Electrical Data

Lamps Long life white LEDs illuminate the translucent background and red letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
White LED	120	0.045	4.8	3.9
White LED	277	0.022	5.5	4.6

*Fully charged battery

Battery Sealed maintenance-free nickel cadmium • Battery will operate sign for a minimum of 90 minutes in the event of a power outage • Battery warranted for five full years

Battery Type	Temp. Range[1]
NiCad	32°F - 100°F

[1]To obtain rated life and capacity

LED PRODUCT

NaviLite®

Chicago Exit & Emergency | NCEXL & NCESL Series Chicago Code Surface Mount Edge-Lit LED Exit or Stairs Sign AC Only

Applications

Ideal for high end commercial applications where Chicago Building Code compliance is a requirement. Designed to meet the stringent standards of the Chicago Building Code, with a crystal clear acrylic face plate with translucent white background. The directional indicators are full size arrows as required by Chicago Building Code.

Code Compliance

- UL924
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code

Features

- Extruded aluminum housing with powder coated white finish
- Canopy supplied for top, back or end mounting
- Clear acrylic faceplate
- Red letters on a translucent white background
- Full directional arrows as required by Chicago Building Code
- Dual 120 or 277 VAC input
- Consumes less than 5W

Mounting

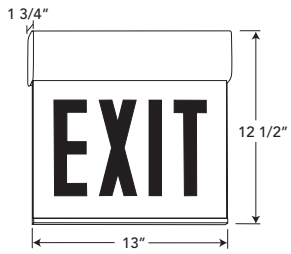
May be top, end, or back mounted • All signs include canopy and mounting hardware for easy top or end mount installation

Ordering Information

Example: **NCEXLU1WHNA**

Series	Voltage	Number of Faces	Finish	Arrow Configuration
NCEXL	U	1	WH	NA
NCEXL Surface EXIT **NCESL** Surface STAIRS	**U** - 120/277 VAC	**1** - Single Face **2** - Double Face	**WH** - White	**NA** - No Arrow **AR** - Arrow Right ⟶ **AL** - Arrow Left ⟵ **DA** - Double Arrow ⟷

Dimensions



Electrical Data

Lamps Long life white LEDs illuminate the translucent background and red letters

	Input Voltage	Max. Amps	Max. Watts
White LED	120	0.04	4.5
White LED	277	0.02	4.8

LED PRODUCT

NaviLite®

Chicago Exit & Emergency | NCEXLB & NCESLB Series Chicago Code Surface Mount Edge-Lit LED Exit or Stairs Sign Battery Backup

Applications

Ideal for high end commercial applications where Chicago Building Code compliance is a requirement. Designed to meet the stringent standards of the Chicago Building Code, with a crystal clear acrylic face plate with translucent white background. The directional indicators are full size arrows as required by Chicago Building Code.

Code Compliance

- UL924
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code

Features

- Extruded aluminum housing with powder coated white finish
- Canopy supplied for top, back or end mounting
- Clear acrylic faceplate
- Red letters on a translucent white background
- Full directional arrows as required by Chicago Building Code
- Dual 120 or 277 VAC input
- NiCad battery
- Consumes less than 5W

Mounting

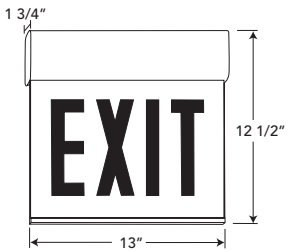
May be top, end, or back mounted • All signs include canopy and mounting hardware for easy top or end mount installation

Ordering Information

Example: **NCEXLBU1WHNA**

Series	Voltage	Number of Faces	Finish	Arrow Configuration
NCEXLB	U	1	WH	NA
NCEXLB Surface EXIT **NCESLB** Surface STAIRS	**U** - 120/277 VAC	**1** - Single Face **2** - Double Face	**WH** - White	**NA** - No Arrow **AR** - Arrow Right → **AL** - Arrow Left ← **DA** - Double Arrow ↔

Dimensions



Electrical Data

Lamps Long life white LEDs illuminate the translucent background and red letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
White LED	120	0.045	4.8	3.9
White LED	277	0.022	5.5	4.6

*Fully charged battery

Battery Sealed maintenance-free nickel cadmium • Battery will operate sign for a minimum of 90 minutes in the event of a power outage • Battery warranted for five full years

Battery Type	Temp. Range[1]
NiCad	32°F - 100°F

[1]To obtain rated life and capacity

NaviLite®

Chicago Exit & Emergency | NCSL & NCXL Series

Chicago Code LED Steel Exit or Stairs Signs AC Only

Applications

Ideal for applications where Chicago Code compliance is required. Offers durability, reliability and unsurpassed quality. Designed to meet the stringent standards of the Chicago Building Code. Constructed of rugged 20-gauge steel. These exit signs offer installation flexibility with features like simple screw on canopy and knockouts for top, side, or back mounting.

Code Compliance

- UL Listed
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code

Features

- Rugged, heavy duty 20-gauge steel construction
- Universal mounting pattern knockouts in back plate for back mounting
- Open-face tempered glass panel
- Silk screen 6" letters with 3/4" stroke width
- Full arrow directional indicators
- Red letters
- Corrosion resistant powder-coat paint
- Standard white finish
- Dual 120 or 277 VAC input

Mounting

May be top, end, or back mounted • All signs include canopy and hardware for easy top or end mount installation • Back plate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: **NCXLU1WHNA**

Series	Voltage	Number of Faces	Finish	Arrow Configuration
NCXL	U	1	WH	NA
NCXL Steel EXIT **NCSL** Steel STAIRS	**U** - 120/277 VAC	**1** - Single Face **2** - Double Face	**WH** - White	**NA** - No Arrow **AR** - Arrow Right → **AL** - Arrow Left ← **DA** - Double Arrow ↔

Accessories

Catalog No.	Description
T91-12-WH	Pendant kit 12" for rigid ceiling
T90-12-WH	Pendant kit 12" for T-bar

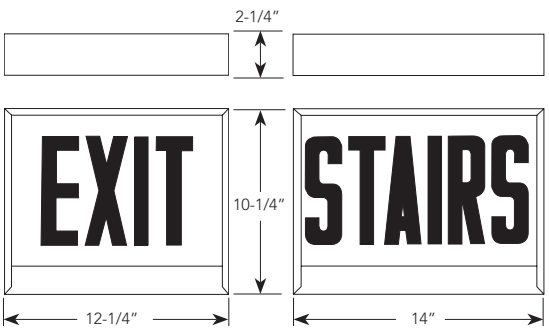
Accessories are ordered separately. To order, specify catalog number.

Electrical Data

Lamps High brightness white LED light source

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.09	4.5
Red LED	277	0.05	4.7

Dimensions



LED PRODUCT

NaviLite®

Chicago Exit & Emergency | NCSLB & NCXLB Series Chicago Code LED Steel Exit or Stairs Signs

Battery Backup

Applications

Ideal for applications where Chicago Code compliance is required. Offers durability, reliability and unsurpassed quality. Designed to meet the stringent standards of the Chicago Building Code. Constructed of rugged 20-gauge steel. These exit signs offer installation flexibility with features like simple screw on canopy and knockouts for top, side, or back mounting.

Code Compliance

- UL Listed
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code

Features

- Rugged, heavy duty 20-gauge steel construction
- Universal mounting pattern knockouts in back plate for back mounting
- Open-face tempered glass panel
- Silk screen 6" letters with 3/4" stroke width
- Full arrow directional indicators
- Red letters
- Corrosion resistant powder-coat paint
- Standard white finish
- Dual 120 or 277 VAC input
- Maintenance-free sealed NiCad battery
- Battery will operate sign for a minimum of 90 minutes in the event of a power outage

Mounting

May be top, end, or back mounted • All signs include canopy and hardware for easy top or end mount installation • Back plate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: **NCXLBU1WHNA**

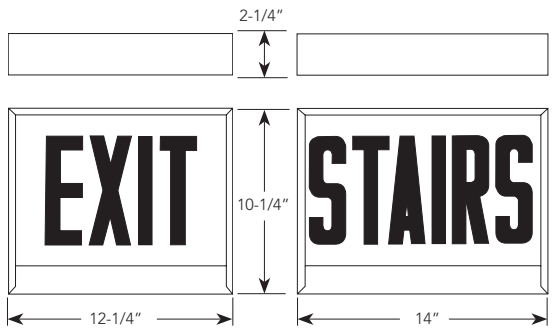
Series	Voltage	Number of Faces	Finish	Arrow Configuration
NCXLB	U	1	WH	NA
NCXLB Steel EXIT **NCSLB** Steel STAIRS	**U** - 120/277 VAC	**1** - Single Face **2** - Double Face	**WH** - White	**NA** - No Arrow **AR** - Arrow Right → **AL** - Arrow Left ← **DA** - Double Arrow ↔

Accessories

Catalog No.	Description
T91-12-WH	Pendant kit 12" for rigid ceiling
T90-12-WH	Pendant kit 12" for T-bar

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps High brightness white LED light source

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.13	7.5	2.5
Red LED	277	0.07	7.5	2.5

*Fully charged battery

Battery Sealed maintenance-free nickel cadmium • Battery will operate sign for a minimum of 90 minutes in the event of a power outage • Battery warranted for five full years with an additional five years pro-rated warranty

Battery Type	Temp. Range[1]
NiCad	60°F - 80°F

[1]To obtain rated life and capacity

Chicago Exit & Emergency | NC627WH Series

Chicago Code Steel Emergency Light Adjustable Round Steel Heads

Applications

Ideal for commercial applications where ease of installation, reliability and Chicago Code compliance are required. Offers contemporary aesthetics, quick installation, and premium features like steel lamp heads and standard 12W halogen lamps. Designed to meet the stringent standards of the Chicago Building Code. Constructed of rugged 20-gauge steel with a durable powder-coat finish.

Code Compliance

- UL Listed
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code

Features

- Rugged, heavy duty 20-gauge steel construction
- Universal mounting pattern knockouts in back plate for back mounting
- Corrosion resistant powder-coat paint
- Standard white finish
- Steel lamp heads
- Dual voltage transformer 120/277 VAC
- Multi-rate, controlled, automatic charger
- Low-voltage battery cutoff
- AC power indicator and test switch

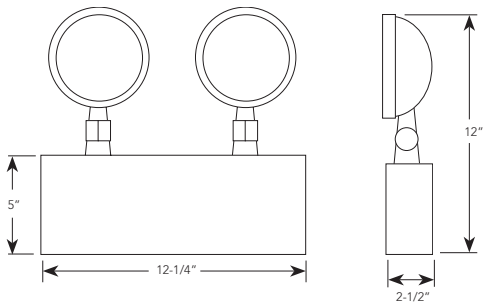
Mounting

Suitable for wall mounting • Includes universal mounting pattern knockouts for simple back mounting over junction box • AC input conduit knockouts are provided

Ordering Information

Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1-1/2 hrs.
NC627WH	White	6V	2 x 12W	27

Dimensions



Electrical Data

Lamps Supplied with two 6V 12W halogen lamps

Input Voltage	Max. Amps	Max. Watts	Standby Watts*
120	0.094	11.0	1.8
277	0.044	11.0	1.8

*Fully charged battery

Battery Sealed maintenance-free Lead Calcium • 6-Volt Operation • Standard battery will operate a maximum load of 27W for a minimum of 90 minutes in the event of a power outage • Battery warranted for one full year with an additional four years pro-rated warranty

Battery Type	Battery Voltage	Temp. Range[1]
Lead Calcium	6V, 10Ah	60°F - 80°F

[1]To obtain rated life and capacity

NaviLite

Chicago Exit & Emergency | NC6 Series

Chicago Code High Wattage Steel Emergency Light 6 Volt Emergency Operation

NC6100WH

NC650WH

Applications

Ideal for commercial and industrial applications where remote loads or longer emergency operation times are required. High end units designed with larger batteries to deliver remote capacity or longer emergency operation required in common commercial and industrial applications. Offers premium features like steel lamp heads, 12W halogen lamps and maintenance free batteries. Designed to meet the stringent standards of the Chicago Building Code. Constructed of rugged 20-gauge steel with a durable powder-coat finish.

Code Compliance

- UL Listed
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code

Features

- Rugged, heavy duty 20-gauge steel construction
- Corrosion resistant white powder-coat finish
- Steel lamp heads with glass lens
- Dual voltage transformer 120/277 VAC
- Multi-rate, controlled, automatic charger
- Low-voltage battery cutoff
- AC power indicator and test switch
- Fused remote DC output

Mounting

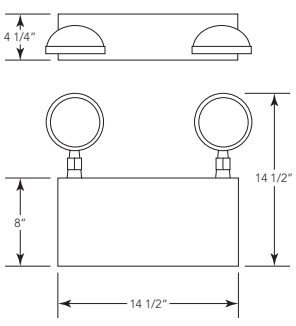
Suitable for wall mounting

- Includes mounting knockouts • AC input conduit knockouts are provided

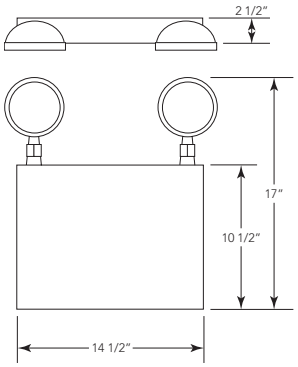
Ordering Information

Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1-1/2 hrs.	2hrs.	3hrs.	4 hrs.	6hrs.
NC650WH	White	6V	2 x 12W	50	36	24	-	-
NC6100WH	White	6V	2 x 12W	100	75	48	36	24

Dimensions



NC6100WH



NC650WH

Electrical Data

Lamps Supplied with two 6V, 12W halogen lamps

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
NC650WH	120	0.16	17.0	3.1
	277	0.07	17.0	3.1
NC6100WH	120	0.20	22.0	3.1
	277	0.10	22.0	3.1

*Fully charged battery

Battery Sealed maintenance-free Lead Calcium • 6-Volt Operation • 50W version uses two 12Ah batteries • 100W version uses four 12Ah batteries • 50W and 100W versions will operate rated load for a minimum of 90 minutes in the event of a power outage • For longer emergency operation of up to 6 hours the connected load can be configured according to the chart above • Battery warranted for one full year with an additional four years pro-rated warranty

Battery Type	Battery Voltage	Temp. Range[1]
Lead Calcium (NC650)	2 x 6V, 12Ah	60°F - 80°F
Lead Calcium (NC6100)	4 x 6V, 12Ah	60°F - 80°F

[1]To obtain rated life and capacity

NC12100WH

NC1250WH

Applications

Ideal for commercial and industrial applications where remote loads or longer emergency operation times are required. High end units designed with larger batteries to deliver remote capacity or longer emergency operation required in common commercial and industrial applications. Offers premium features like steel lamp heads, 12W halogen lamps and maintenance free batteries. Designed to meet the stringent standards of the Chicago Building Code. Constructed of rugged 20-gauge steel with a durable powder-coat finish. 12V operation for longer remote load runs

Code Compliance

- UL Listed
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code

Features

- Rugged, heavy duty 20-gauge steel construction
- Corrosion resistant white powder-coat finish
- Steel lamp heads with glass lens
- Dual voltage transformer 120/277 VAC
- Multi-rate, controlled, automatic charger
- Low-voltage battery cutoff
- AC power indicator and test switch
- Fused remote DC output
- 12V operation for longer remote load runs

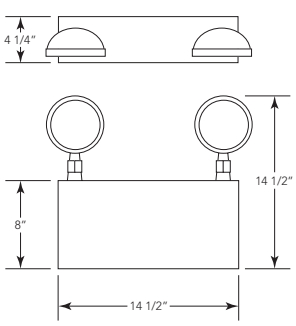
Mounting

Suitable for wall mounting • AC input conduit knockouts are provided

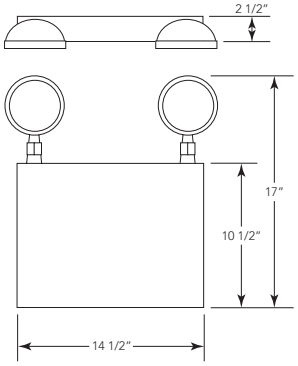
Ordering Information

Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1-1/2 hrs.	2hrs.	3hrs.	4 hrs.	6hrs.
NC1250WH	White	12V	2 x 12W	50	36	24	-	-
NC12100WH	White	12V	2 x 12W	100	75	48	36	24

Dimensions



NC12100WH



NC1250WH

Electrical Data

Lamps Supplied with two 12V, 12W halogen lamps

Battery Sealed maintenance-free Lead Calcium • 12-Volt Operation • 50W version uses two 12Ah batteries • 100W version uses four 12Ah batteries • 50W and 100W versions will operate rated load for a minimum of 90 minutes in the event of a power outage • For longer emergency operation of up to 6 hours the connected load can be configured according to the chart above • Battery warranted for one full year with an additional four years pro-rated warranty

Battery Type	Battery Voltage	Temp. Range[1]
Lead Calcium (NC1250)	2 x 6V, 12Ah	60°F - 80°F
Lead Calcium (NC12100)	4 x 6V, 12Ah	60°F - 80°F

[1]To obtain rated life and capacity

Chicago Exit & Emergency | NCR Series

Chicago Code T-Bar Recessed Emergency Light Adjustable Round Steel Heads

Applications

Ideal for commercial applications that require adjustability when wall mounting is undesired or not practical. Designed to meet the stringent standards of the Chicago Building Code, mounts flush with the ceiling for a concealed, unobtrusive look. Constructed of rugged 20-gauge steel with a durable powder-coat finish.

Code Compliance

- UL Listed
- NFPA 101 Life Safety Code
- NEC and OSHA compliant
- Chicago Code
- CCEA (Chicago Plenum)

Features

- Rugged, heavy duty 20-gauge steel construction
- Designed for recessed mounting in 2-foot grid (T-Bar) drop ceilings
- Corrosion resistant powder-coat paint
- Standard white finish
- Easy access battery panels
- Steel lamp heads
- Dual voltage transformer 120/277 VAC
- Multi-rate, controlled, automatic charger
- Low-voltage battery cutoff
- AC power indicator and test switch

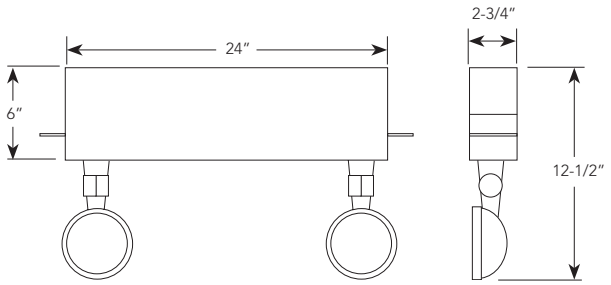
Mounting

Suitable for recessed installation in 2-foot grid (T-Bar) drop ceilings • AC input conduit knockouts are provided
- Meets Chicago Plenum requirements

Ordering Information

Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1-1/2 hrs.	2hrs.	3hrs.
NCR627WH	White	6V	2 x 12W	27	-	-
NCR650WH	White	6V	2 x 12W	50	36	24
NCR1250WH	White	12V	2 x 12W	50	36	24

Dimensions



Electrical Data

Lamps Supplied with two 6V, 12W halogen lamps

	Input Voltage	Max. Amps	Max. Watts	Standby Watts
NCR627WH	120	0.10	11.0	1.8
	277	0.05	11.0	1.8
NCR650WH	120	0.16	18.0	3.0
	277	0.07	18.0	3.0
NCR1250WH	120	0.25	27.0	2.6
	277	0.10	27.0	2.6

Battery Sealed maintenance-free Lead Calcium
• 6-Volt • NCR627WH uses one battery • NCR650WH and NCR1250WH use two 6V batteries connected in series or parallel as required to achieve the 6V or 12V output
- Battery warranted for one full year with an additional four years pro-rated warranty

Battery Type	Battery Voltage	Temp. Range[1]
Lead Calcium (NCR627)	6V, 10Ah	60°F - 80°F
Lead Calcium (NCR650 & NCR1250)	2 x 6V, 12Ah	60°F - 80°F

[1]To obtain rated life and capacity

LED PRODUCT

NaviLite®

New York Exit & Emergency | NNYXER Series

Recessed Mount Edge-Lit LED Exit Sign AC Only

Applications

Ideal for architectural applications with top ceiling access, the New York approved Recessed Mount Edge-Lit LED Exit Signs offer specification grade aesthetics with in-field installation flexibility.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 47212

Features

- Crystal clear acrylic face panel
- Mirrored divider provided on double face signs to simulate clear aesthetic
- Aesthetically pleasing aluminum ceiling trim plate
- 8" letters, 1" stroke width
- Full size, field-applied chevron directional indicators with pre-applied installation template
- Engraved letters increase visibility
- Dual voltage 120/277 VAC operation

Mounting

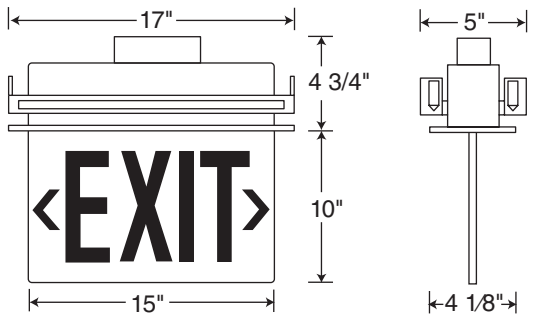
May be recessed mounted on drop ceiling applications – requires top ceiling access • Includes telescoping hanger bars • Vertically adjustable to accommodate varying ceiling thicknesses

Ordering Information

Example: **NNYXER1RAA**

Series	Number of Faces	Letter Color	Finish
NNYXER	1	R	AA
NNYXER Series	**1** - Single Face **2** - Double Face	**R** - Red	**AA** - Anodized Aluminum **WH** - White

Dimensions



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red LED/letters

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.148	3.2
Red LED	277	0.133	3.0

LED PRODUCT

NaviLite®

New York Exit & Emergency | NNYXERB Series

Recessed Mount Edge-Lit LED Exit Sign Battery Back-Up

Applications

Ideal for architectural applications with top ceiling access, the New York approved Recessed Mount Edge-Lit LED Exit Signs offer specification grade aesthetics with in-field installation flexibility.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 47212

Features

- Crystal clear acrylic face panel
- Mirrored divider provided on double face signs to simulate clear aesthetic
- Aesthetically pleasing aluminum ceiling trim plate
- 8" letters, 1" stroke width
- Full size, field-applied chevron directional indicators with pre-applied installation template
- Engraved letters increase visibility
- Dual voltage 120/277 VAC operation
- Maintenance-free nickel cadmium battery

Mounting

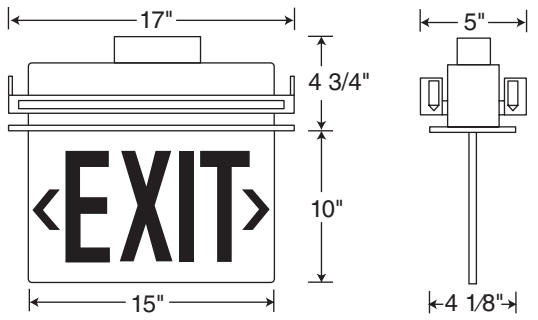
May be recessed mounted on drop ceiling applications – requires top ceiling access • Includes telescoping hanger bars • Vertically adjustable to accommodate varying ceiling thicknesses

Ordering Information

Example: **NNYXERB1RAA**

Series	Number of Faces	Letter Color	Finish
NNYXERB	1	R	AA
NNYXERB Series	**1** - Single Face **2** - Double Face	**R** - Red	**AA** - Anodized Aluminum **WH** - White

Dimensions



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs
- Red LED/letters

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.148	3.2
Red LED	277	0.133	3.0

Battery Sealed, maintenance-free nickel cadmium
• Battery will operate sign for a minimum of 90 minutes in the event of a power outage • NiCad battery warranted for five full years

Battery Type	Battery Voltage	Temp. Range[1]
NiCad	4.8V, 500mAh	32°F - 100°F

[1]To obtain rated life and capacity

NaviLite®

New York Exit & Emergency | NNYXES Series

Surface Mount Edge-Lit LED Exit Sign AC Only

Applications

The New York approved NNYXES Series is the most uncomplicated edge-lit sign to specify. Surface mount construction makes it easy to enjoy the aesthetic benefits of edge-lit design with simple junction box mounting.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 47212

Features

- Crystal clear acrylic face panel
- Mirrored divider provided on double face signs to simulate clear aesthetic
- Extruded aluminum housing
- Includes die cast aluminum canopy for top, back or end mounting
- Pre-drilled canopy attachment locations with easily removed hole covers
- 8" letters, 1" stroke width
- Engraved letters increase visibility
- Full-size, field-applied chevron directional indicators with pre-applied installation template
- Dual voltage 120/277 VAC

Mounting

May be top, back or end mounted • All signs include die cast aluminum canopy and mounting hardware for easy top, back or end mount installation

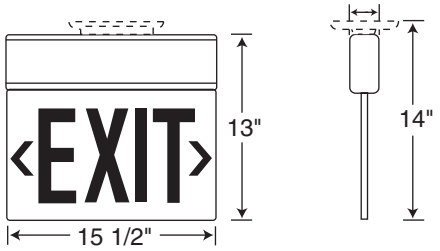
Ordering Information

Example: **NNYXES1RAA**

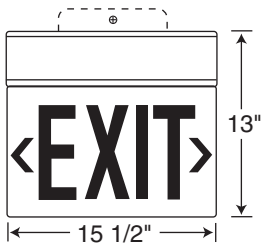
Series	Number of Faces	Letter Color	Finish
NNYXES	1	R	AA
NNYXES Series	**1** - Single Face **2** - Double Face	**R** - Red	**AA** - Anodized Aluminum **WH** - White

Dimensions

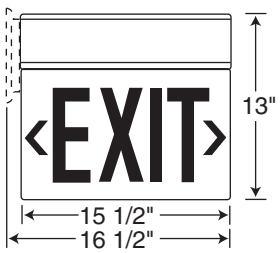
Top Mount



Back Mount



End Mount



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red LED/letters

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.03	3.0
Red LED	277	0.013	3.1

NaviLite®

New York Exit & Emergency | NNYXESB Series

Surface Mount Edge-Lit LED Exit Sign Battery Back-Up

Applications

The New York approved NNYXESB Series is the most uncomplicated edge-lit sign to specify. Surface mount construction makes it easy to enjoy the aesthetic benefits of edge-lit design with simple junction box mounting.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- New York City Approved
- Calendar No. 46932

Features

- Crystal clear acrylic face panel
- Mirrored divider provided on double face signs to simulate clear aesthetic
- Extruded aluminum housing
- Includes die cast aluminum canopy for top, back or end mounting
- Pre-drilled canopy attachment locations with easily removed hole covers
- 8" letters, 1" stroke width
- Engraved letters increase visibility
- Full-size, field-applied chevron directional indicators with pre-applied installation template
- Dual voltage 120/277 VAC
- Maintenance-free, nickel cadmium battery

Mounting

May be top, back or end mounted • All signs include die cast aluminum canopy and mounting hardware for easy top, back or end mount installation

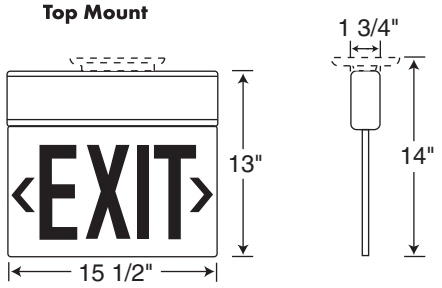
Ordering Information

Example: **NNYXESB1RAA**

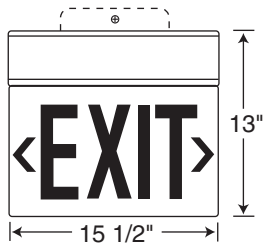
Series	Number of Faces	Letter Color	Finish
NNYXESB	1	R	AA
NNYXESB Series	**1** - Single Face **2** - Double Face	**R** - Red	**AA** - Anodized Aluminum **WH** - White

Dimensions

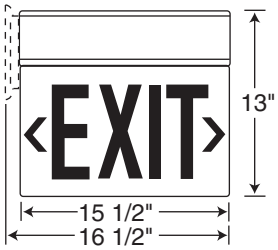
Top Mount



Back Mount



End Mount



Electrical Data

Lamps Long life, energy saving, ultra-bright LEDs

- Red LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.03	3.2	3.0
Red LED	277	0.02	3.5	3.3

*Fully charged battery

Battery Sealed, maintenance-free nickel cadmium

- Battery will operate sign for a minimum of 90 minutes in the event of a power outage • NiCad battery warranted for five full years

Battery Type	Battery Voltage	Temp. Range[1]
NiCad	4.8V, 500mAh	32°F - 100°F

[1]To obtain rated life and capacity

LED PRODUCT

NaviLite®

New York Exit & Emergency | NNYXD Series

Die Cast Aluminum LED Exit Sign AC Only

Applications

Possessing premium installation features such as a snap-fit faceplate, pre-drilled canopy attachment locations and easily removable chevron directional indicators, the New York approved NNYXD Series offers the strength of metal construction in a simple-to-install design. NNYXD Series signs can easily be converted from single to double face with the included second faceplate.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 46932

Features

- Architectural-grade, die cast aluminum housing and faceplate
- Includes die cast aluminum canopy for top or end mounting
- Universal mounting pattern knockouts for junction box mounting
- Pre-drilled canopy attachment locations with easily removed hole covers
- Integral wiring channels
- Snap-fit faceplate
- Second faceplate included to field-convert from single to double face
- 8" letters with 1" stroke width
- Full-size, 3⁄4" wide chevron directional indicators
- Easily removable chevron directional indicators
- Dual voltage 120/277 VAC

Mounting

May be top, end or back mounted • All signs include die cast aluminum canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple junction box mounting • Second faceplate is provided for field conversion to double face

Ordering Information

Example: **NNYXD3RBAB**

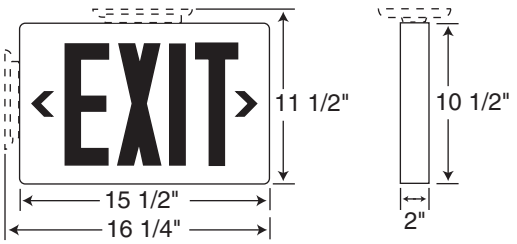
Series	Number of Faces	Letter Color	Finish
NNYXD	3	R	BAB
NNYXD Series	**3** - Universal Single/ Double Face	**R** - Red	**BAB** - Brushed Aluminum Face/Black Housing **WH** - White **BL** - Black

Accessories

Catalog No.	Description
NVS2	Polycarbonate Vandal Shield - Medium Bubble
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs • Signs consume less than 2.5 watts

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.02	2.1
Red LED	277	0.01	2.2

LED PRODUCT

NaviLite®

New York Exit & Emergency | NNYXDB Series

Die Cast Aluminum LED Exit Sign Battery Back-Up

Applications

Possessing premium installation features such as a snap-fit faceplate, pre-drilled canopy attachment locations and easily removable chevron directional indicators, the New York approved NNYXDB Series offers the strength of metal construction in a simple-to-install design. NNYXDB Series signs can easily be converted from single to double face with the included second faceplate.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 46932

Features

- Comes standard with self-test and self-diagnostics features
- Architectural-grade, die cast aluminum housing and faceplate
- Includes die cast aluminum canopy for top or end mounting
- Universal mounting pattern knockouts for junction box mounting
- Pre-drilled canopy attachment locations with easily removed hole covers
- Integral wiring channels
- Snap-fit faceplate
- Second faceplate included to field convert from single to double face
- Dual voltage 120/277 VAC
- 8" letters with 1" stroke width
- Full size, 3/4" wide chevron directional indicators
- NiCad battery provides 90 minutes of emergency operation

Mounting

May be top, end or back mounted • All signs include die cast aluminum canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple junction box mounting • Second faceplate is provided for field conversion to double face

Ordering Information

Example: **NNYXDB3RBABSD**

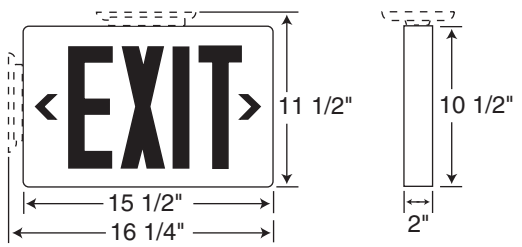
Series	Number of Faces	Letter Color	Finish	Options
NNYXDB	3	R	BAB	SD
NNYXDB Series	**3** - Universal Single/ Double Face	**R** - Red	**BAB** - Brushed Aluminum Face/Black Housing **WH** - White **BL** - Black	**SD** - Self-Diagnostics

Accessories

Catalog No.	Description
NVS2	Polycarbonate Vandal Shield - Medium Bubble
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.02	2.1	1.7
Red LED	277	0.01	2.2	1.6

*Fully charged battery

Battery Long-life, maintenance-free, high performance nickel cadmium • Designed to operate over a wider range of temperatures (32°F - 100°F operating range) • Battery will operate sign for a minimum of 90 minutes in the event of a power outage • Nickel cadmium battery warranted for five full years with additional five years pro-rated warranty

Battery Type	Battery Voltage	Temp. Range[1]
NiCad	4.8V, 0.7Ah	32°F - 100°F

[1]To obtain rated life and capacity

LED PRODUCT

NaviLite®

New York Exit & Emergency | NNYXS Series

Steel LED Exit Sign AC Only

Applications

The New York approved NNYXS Series is ideal for applications that require the durability of metal construction in an economical package. All NNYXS Series signs include a second faceplate and canopy for universal installation.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 46932

Features

- Rugged, heavy duty 20-gauge die-formed steel construction
- Universal mounting pattern knockouts in backplate for back mounting
- Second faceplate included for double face applications
- 8" letters with 1" stroke width
- Chevron directional indicator knockouts
- Corrosion-resistant polyester powder coat paint
- Dual voltage 120/277 VAC

Mounting

May be top, end or back mounted • All signs include canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: **NNYXS3RWH**

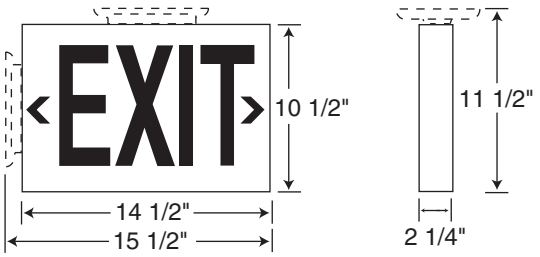
Series	Number of Faces	Letter Color	Finish
NNYXS	3	R	WH
NNYXS Series	3 - Universal Single/ Double Face	R - Red	WH - White

Accessories

Catalog No.	Description
NVS2	Polycarbonate Vandal Shield - Medium Bubble
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs • Red LED/letters • Signs consume less than 5 watts

	Input Voltage	Max. Amps	Max. Watts
Red LED	120	0.04	4.5
Red LED	277	0.02	4.8

LED PRODUCT

NaviLite®

New York Exit & Emergency | NNYXSB Series

Steel LED Exit Sign Battery Back-Up

Applications

The New York approved NNYXSB Series is ideal for applications that require the durability of metal construction in an economical package. All NNYXSB Series signs include a second faceplate and canopy for universal installation.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 46932

Features

- Rugged, heavy duty 20-gauge die-formed steel construction
- Universal mounting pattern knockouts in backplate for back mounting
- Second faceplate included for double face applications
- 8" letters with 1" stroke width
- Chevron directional indicator knockouts
- Corrosion-resistant polyester powder coat paint
- Dual voltage 120/277 VAC
- Solid state charging and switching
- Brownout protection
- Battery low voltage disconnect
- Overload and short circuit protection
- AC power indicator and test switch
- Maintenance-free 3.6V nickel cadmium battery

Mounting

May be top, end or back mounted • All signs include canopy and mounting hardware for easy top or end mount installation • Backplate includes universal mounting pattern knockouts for simple back mounting

Ordering Information

Example: **NNYXSB3RWH**

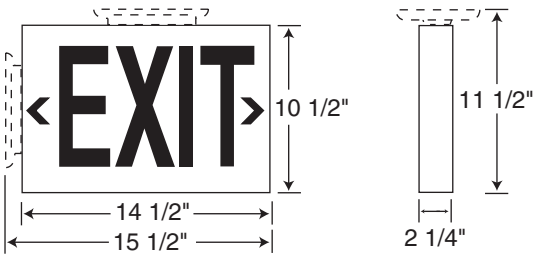
Series	Number of Faces	Letter Color	Finish
NNYXSB	3	R	WH
NNYXSB Series	3 - Universal Single/ Double Face	R - Red	WH - White

Accessories

Catalog No.	Description
NVS2	Polycarbonate Vandal Shield - Medium Bubble
NWG1	Wire Guard - Small

Accessories are ordered separately. To order, specify catalog number.

Dimensions



Electrical Data

Lamps Long life, energy saving LEDs • Red LED/letters

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.05	5.1	4.9
Red LED	277	0.02	5.5	5.0

*Fully charged battery

Battery Long life, maintenance-free, high performance nickel cadmium • Designed to operate over a wider range of temperatures (32°F - 100°F operating range) • Battery will operate sign for a minimum of 90 minutes in the event of a power outage • Nickel cadmium battery warranted for five full years

Battery Type	Battery Voltage	Temp. Range[1]
NiCad	3.6V, 0.7Ah	32°F - 100°F

[1]To obtain rated life and capacity

LED PRODUCT

NaviLite®

New York Exit & Emergency | NNYXSC Series

Steel LED Combo Exit Sign/Emergency Light

Applications

New York approved NNYXSC Series offers unsurpassed value and performance for commercial and retail applications.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 46932

Features

- Includes three lighting heads, combining exit signage with the emergency lighting function for a convenient, comprehensive solution
- Rugged, heavy duty 20-gauge die formed steel construction
- Lighting heads made from high impact thermoplastic
- Universal mounting pattern knockouts in backplate for back mounting
- 8" letters with 1" stroke width
- Chevron directional indicator knockouts
- Includes three 6V, 9W lighting heads
- Heads are fully adjustable for comprehensive lighting coverage
- Maintenance-free, 6V sealed lead calcium battery
- Dual voltage 120/277 VAC

Mounting

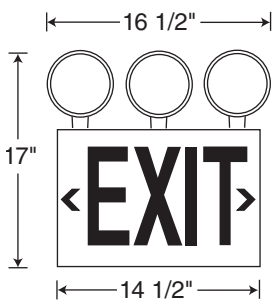
May be back mounted • Backplate includes universal mounting pattern knockouts for simple back mounting

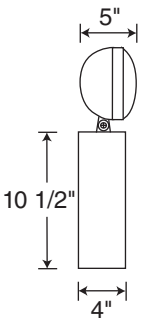
Ordering Information

Example: **NNYXSC1RWH3**

Series	Number of Faces	Letter Color	Finish	Number of Heads
NNYXSC	1	R	WH	3
NNYXSC Series	**1** - Single Face	**R** - Red	**WH** - White	**3** - 3 Heads

Dimensions





Electrical Data

Lamps Long life, energy saving LEDs • Red LED/letters
• Red signs consume less than 5 watts

	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
Red LED	120	0.08	7.8	3.9
Red LED	277	0.04	9.1	4.0

*Fully charged battery

Battery Sealed, maintenance-free lead calcium
• Standard battery will operate sign and three 9W heads for a minimum of 90 minutes in the event of a power outage
• Lead calcium battery warranted for one full year

Battery Type	Battery Voltage	Temp. Range[1]
Lead Calcium	6V, 12Ah	40°F - 95°F

[1]To obtain rated life and capacity

New York Exit & Emergency | NNY618 Series

Emergency Light 6 Volt Emergency Operation

Applications

NaviLite NNY6 Series New York Emergency Lights are designed for efficiency and ease of installation. Their rugged design meets New York City standards and provides dependable operation. The units are completely self contained and fully automatic.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 46932

Features

- Rugged, heavy duty design
- Durable 20 gauge steel housing and faceplate
- Supplied with two 6V, 9W thermoplastic lighting heads
- Dual voltage 120/277 VAC
- Solid state charging and switching
- Brownout protection
- Battery low voltage disconnect
- AC power indicator and test switch
- Maintenance-free 6V sealed lead calcium battery

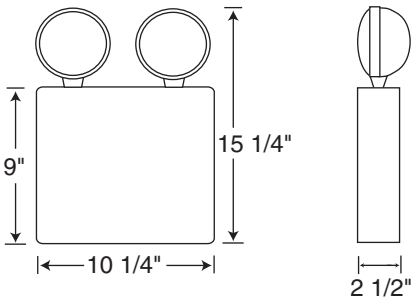
Mounting

Keyhole slots and junction box mounting holes provided for simplified wall mounting

Ordering Information

Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1 1/2 hrs.	2 hrs.	4 hrs.	8 hrs
NNY618WH2	White	6V	2 x 9W	18	–	–	–

Dimensions



Electrical Data

Lamps Supplied with 6V, 9W, Tungsten wedge base type lamps

Catalog No.	Input Voltage	Max. Amps	Max. Watts
NNY618WH2	120	0.06	1.5
	277	0.03	1.4

Battery Maintenance-free 6V sealed lead calcium battery will operate rated load for a minimum of 90 minutes in the event of a power outage • Lead calcium battery warranted for one full year

Battery Type	Battery Voltage	Temp. Range[1]
Lead Calcium	6V, 7Ah	40°F - 95°F

[1]To obtain rated life and capacity

New York Exit & Emergency | NNY627 Series

Emergency Light 6 Volt Emergency Operation

Applications

NaviLite NNY6 Series New York Emergency Lights are designed for efficiency and ease of installation. Their rugged design meets New York City standards and provides dependable operation. The units are completely self contained and fully automatic.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 46932

Features

- Rugged, heavy duty design
- Durable 20 gauge steel housing and faceplate
- Supplied with three 6V, 9W thermoplastic lighting heads
- Dual voltage 120/277 VAC
- Solid state charging and switching
- Brownout protection
- Battery low voltage disconnect
- AC power indicator and test switch
- Maintenance-free 6V sealed lead calcium battery

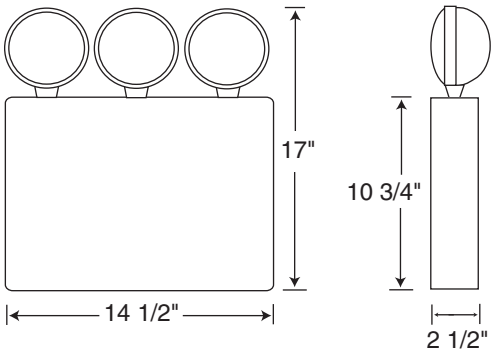
Mounting

Keyhole slots and junction box mounting holes provided for simplified wall mounting

Ordering Information

Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1 1/2 hrs.	2 hrs.	4 hrs.	8 hrs
NNY627WH3	White	6V	3 x 9W	27	–	–	–

Dimensions



Electrical Data

Lamps Supplied with 6V, 9W, tungsten wedge base type lamps

Catalog No.	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
NNY627WH3	120	0.06	6.8	1.7
	277	0.03	8.8	1.7

*Fully charged battery

Battery Maintenance-free 6V sealed lead calcium battery will operate rated load for a minimum of 90 minutes in the event of a power outage • Lead calcium battery warranted for one full year

Battery Type	Battery Voltage	Temp. Range[1]
Lead Calcium	6V, 12Ah	40°F - 95°F

[1]To obtain rated life and capacity

New York Exit & Emergency | NNY12 Series

Emergency Light 12 Volt Emergency Operation

Applications

NaviLite NNY12 Series New York Emergency Lights are designed for efficiency and ease of installation. Their rugged design meets New York City standards and provides dependable operation. The units are completely self contained and fully automatic.

Code Compliance

- UL 924
- NFPA 101 Life Safety Code Compliant
- NEC and OSHA Compliant
- New York City Approved
- Calendar No. 46932

Features

- Rugged, heavy duty design
- Durable 20 gauge steel housing and faceplate
- Supplied with three 12V, 12W thermoplastic lighting heads
- Dual voltage 120/277 VAC
- Solid state charging and switching
- Brownout protection
- Battery low voltage disconnect
- AC power indicator and test switch
- Maintenance-free 6V sealed lead calcium batteries connected in series to deliver 12V

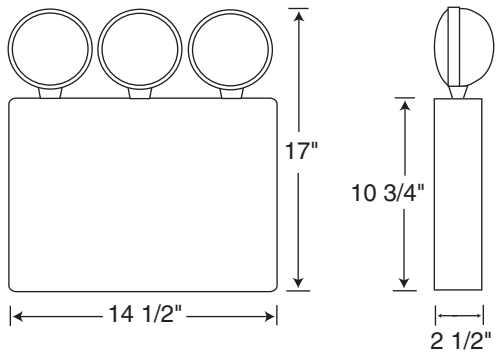
Mounting

Keyhole slots and junction box mounting holes provided for simplified wall mounting

Ordering Information

Catalog No.	Finish	Output Voltage	Lamp Wattage	Rated Output Watts 1 1/2 hrs.	2 hrs.	4 hrs.	8 hrs
NNY1250WH3	White	12V	3 x 12W	50	37	–	–

Dimensions



Electrical Data

Lamps Supplied with 12V, 12W, tungsten wedge base type lamps

Catalog No.	Input Voltage	Max. Amps	Max. Watts	Standby Watts*
NNY1250WH3	120	0.15	15.7	2.5
	277	0.07	16.6	2.2

*Fully charged battery

Battery Two maintenance-free 6V sealed lead calcium batteries connected in series to deliver 12 volts, 50 watts of rated capacity • Will operate the unit's three heads plus an additional 14 watts of remote capacity for a minimum of 90 minutes in the event of a power outage

- Lead calcium battery warranted for one full year

Battery Type	Battery Voltage	Temp. Range[1]
Lead Calcium	6V, 10Ah	40°F - 95°F

[1]To obtain rated life and capacity

NaviLite®

Accessories & Options | NXR Series

LED Retrofit Kits Screw-In & Hard-Wire Options

Applications

LED Retrofit Kits are perfect for installations where the existing exit sign is still serviceable but consumes far too much energy due to its high wattage lamps. Screw-in retrofit kits are as simple to install as changing a lamp, thus minimizing labor costs.

Dimensions

W = 3/4″
L = 1 1/12″
H = 4 3/4″ (add 1/4″ when using adapters)

NXRS Series Exit Sign Retrofit Kits – Screw-In Installation

- Use for 120V applications only
- Consumes only 2.8W total per kit
- Designed to fit directly into candelabra base sockets
- Includes socket adapters to fit intermediate base or bayonet base sockets
- LED module height is 4 3/4″ (add 1/4″ when using adapters)
- ETL Listed

Ordering Information

Catalog No.	Mounting Type	LED Color
NXRSR	Screw-In	Red LED

Electrical Data

Lamps Screw-in lamps designed to fit directly into candelabra base sockets • Includes socket adapters to fit intermediate base or bayonet base sockets • LED module height is 5 1/8″ (add 1/4″when using adapters)

Applications

LED Retrofit Kits are perfect for installations where the existing exit sign is still serviceable but consumes far too much energy due to its high wattage lamps. Hard-wire retrofit kits are especially useful in 277V applications or where the local authority requires a more permanent conversion.

Dimensions

W = 1″
L = adjustable 4″ to 7″
H = adjustable 5″ to 5 1/2″

NXRH Series Exit Sign Retrofit Kits – Hard-Wire Installation

- Use for 120V or 277V applications
- Consumes only 2.8W total per kit
- LED modules can be repositioned to optimize sign uniformity
- Kits come complete with mounting hardware
- LED module height is adjustable
- ETL Listed

Ordering Information

Catalog No.	Mounting Type	LED Color
NXRHR	Hard-Wire	Red LED

Electrical Data

Lamps Kit comes complete with mounting hardware • LED modules can be repositioned along mounting bracket to optimize sign uniformity • LED module height is adjustable

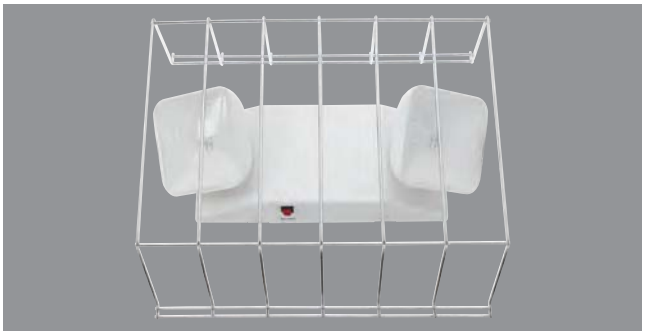
Polycarbonate Vandal Shields – NVS Series

Clear polycarbonate vandal shields provide an extra level of protection from flying objects and vandalism without obscuring the visibility of exit signs or diminishing the performance of emergency lights. Includes mounting hardware. Ideal for use in school, gymnasiums and athletic centers and any area where protection from flying objects is necessary.

Compatibility Information

Catalog No.	Description	Product Compatibility	Dimensions (H x W x D)
NVS1	Vandal Shield - Small	NXD, NXDB, NXP, NXPB[1], NXS, NXSB, NXT Series	13 1/2" x 15" x 2 1/4"
NVS2	Vandal Shield - Medium Bubble	NXES, NXESB, NXD, NXDB, NXP, NNYXD, NNYXS, NXPB[1], NXS, NXSB, NXT, N8[2] Series	15 1/4" x 22 1/4" x 8"
NVS3	Vandal Shield - Small Bubble	N1, N2, N3, N4, NRSQ, NRMR Series	7 3/4" x 18 1/4" x 7 3/4"
NVS4	Vandal Shield - Large Bubble	NXPC Series	16 5/8" x 32 1/4" x 6 5/8"

[1] NVS1 is suitable for non-HO versions only – NVS2 is required for HO versions.
[2] NVS2 must be oriented vertically to accommodate N8 dimensions.



Wire Guards – NWG Series

Chrome plated, 0.150" diameter steel wire guards protect exit signs and emergency lights from flying objects. Wires are spread 2.5" apart making it easy to access fixtures to perform periodic testing. Includes mounting hardware. Ideal for use in gymnasia and athletic centers and any area where protection from flying objects is necessary.

Compatibility Information

Catalog No.	Description	Product Compatibility	Dimensions (H x W x D)
NWG1	Wire Guard - Small	NXES, NXESB, NXD, NXDB, NXS,NXSB, NNYXD, NNYXS, NXP[3], NXPB, NXT, N1, N2, N3, N4 Series	13 1/2" x 15" x 6"
NWG2	Wire Guard - Large	NXPC Series	13 1/2" X 30" X 6"

[3] NWG1 is not suitable for NXPC combo versions – NWG2 is required for NXPC combo versions.

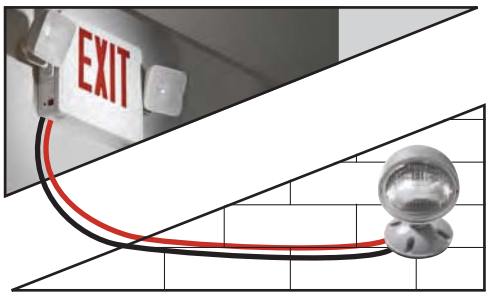
IF INDICATOR IS NOT ILLUMINATED THE UNIT IS IN EMERGENCY MODE

- (Steady) Normal
- (Double Pulse) Battery Failure*
- (Red/Green Flash) Hi Charge
- (Steady) Battery Disconnected
- (Three Pulse) LED Failure
- (Four Pulse) Lamp Failure
- (Two Pulse) 15 Minute Discharge**

*Will Function Only After 15 Minute Test
**Every 30 Days

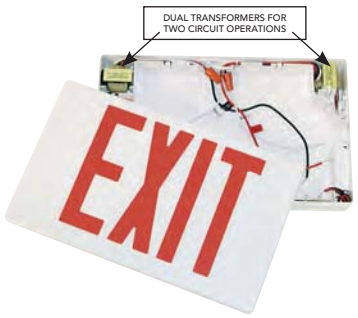
Self-Diagnostic/Self-Test (SD) Option

Available as an option on many NaviLite products, and included standard on the NNYXD Series, the Self-Diagnostic/Self-Test capability is becoming increasingly more important in exit and emergency lighting as architects, engineers, designers and building owners consider its tremendous added value relative to system maintenance and reliability. The NaviLite SD Option not only provides user alerts to system malfunction and guides the troubleshooting process, it also executes periodic monthly and annual tests to confirm proper system operation. Any lamp, battery or charger circuit failure is quickly and accurately diagnosed, followed by a visual indication pinpointing the exact nature of the failure. The Self-Diagnostic/Self-Test Option helps to ensure that your life safety fixtures will operate when they are needed.



High Output (HO) Option

In some instances, it may prove more cost effective to operate one or two emergency lamps using one higher capacity fixture rather than install an additional discrete emergency light. Or, in many municipalities, emergency lighting is often required at an exit door and even on the egress path leading outside the building. For these applications and many others, the High Output Option is offered on a number of emergency lights and exit signs. These fixtures are equipped with a larger capacity battery designed to operate an additional remote load in the event of a power outage. See specific fixtures with the HO Option to confirm the available additional capacity.



Two-Circuit Capability (2C) Option

Many NaviLite AC Only exit signs are available with Two-Circuit Capability to meet various local and special codes. Two-Circuit exit signs are designed with a second AC input circuit enabling the sign to automatically switch to the alternate source in the event of primary AC failure. These signs are often specified in installations that employ a central inverter system or standby generator for emergency power such as high-rise buildings, banking institutions and health care facilities. Optional Two-Circuit signs are all dual voltage 120/277 VAC, can be specified with red or green letters and do not require any additional accessories.

Compatibility Information

Option Code	Description	Product Compatibility	Output Capacity
SD	Self-Diagnostic/Self-Test Option	NXDB, NXPB, NXPC, N1, N3, N5 Series	
HO	High Output/Remote Capacity Option	NXPB Series NXPC Series N1 Series N3 Series N4 Series	Additional 11W Additional 11W 16.5W Total 15W Total 20W Total
2C	Two-Circuit Capability Option	NXP Series	

Determining Wire Size

When remote lighting fixtures are connected to emergency lighting units, circuit runs must be of sufficient size to maintain a proper operating voltage to all lamps. The National Electrical Code limits voltage to drop to a maximum of 5% of normal. The accompanying table gives the maximum length of wire run based on system voltage, wire gauge and total wattage on the run. **To determine the maximum length of a wire run not listed,** divide the value of the load in watts into the constant listed at the bottom of each row. For examples, the maximum wire run length for #10 wire on a 12 volt system, with a 63 watt is 3397÷ 63, or 53 feet.

Conversely, **to determine the maximum load on a run of known length,** divide the run length into the constant. For example, a 100 foot run of #10 wire on a 12 volt system can be loaded to, 3397÷100, or 33 watts; on #8 wire, 5403÷100, or 54 watts.

Wiring Distance in Feet (for maximum voltage drop of 5%)

Total Watts on Wire Run	6 Volt System Wire Size				12 Volt System Wire Size				
	#12	#10	#8	#6	#12	#10	#8	#6	#4
6	89	141	225	357	356	566	900	1431	2276
8	66	106	168	268	267	424	675	1073	1707
9	59	94	150	238	237	377	600	954	1517
10	53	84	135	214	213	339	540	859	1366
12	44	70	112	178	178	283	450	715	1138
16	33	53	84	134	133	212	337	536	853
18	29	47	75	119	118	188	300	477	758
24	22	35	56	89	89	141	225	357	569
25	21	33	54	85	85	135	216	343	546
27	19	31	50	79	79	125	200	318	505
30	17	28	45	71	71	113	180	286	455
36	14	23	37	59	59	94	150	238	379
42	12	20	32	51	50	80	128	204	325
45	11	18	30	47	47	75	120	190	303
48	11	17	28	44	44	70	112	178	284
50	10	16	27	42	42	67	108	171	273
75	7	11	18	28	28	45	72	114	182
100	5	8	13	21	21	33	54	85	136
Constant	534	849	1350	2148	2137	3397	5403	8590	13660

Longer Wire Runs

The wiring distances give the maximum length of a low voltage circuit, assuming that the entire load is concentrated at the end of the circuit. If loads are uniformly spaced along the circuit path (equal watts, equal spacing distances), the lengths in the table may be increased, based on number of fixtures on a given circuit, by means of the chart and formula below. For example, a 60 foot long, 12 volt circuit has five 9 watt heads spaced 12 feet apart. According to the wire run table, #10 wire must be used (at 75 feet for a 5% voltage drop). However, by multiplying the 47 feet for #12 wire by 1.67 (5 fixtures equally spaced multiplier), a 78 foot wire run is acceptable, so #12 wire may be used and still meet the 5% voltage drop limitation.

Number of Fixtures	2	3	4	5	6	n
Multiply feet by	1.33	1.5	1.6	1.67	1.7	2n/(n+1)

Product Warranty Information

All NaviLite products are warranted against defects in material or workmanship for a **full five (5) years from date of invoice.** This guarantee covers all components except batteries (see Battery Warranty below) provided the defect develops while the product is used under normal and manufacturer specified conditions. Juno Lighting Group's sole obligation in the event of such defect is limited to repair or replacement of the defective component — no labor charges will be honored without prior written approval from the factory.

Battery Warranty Information

The battery warranty period is defined as follows:

	Warranty Period		
Battery Type	No Charge Period	Pro-Rata Charge Period	Total Warranty
Lead Calcium	1 Year	4 Years	5 Years
Nickel Cadmium	5 Years	5 Years	10 Years

The No Charge Warranty Period begins on the date of installation or 90 days from the date of invoice, whichever is earlier. The Pro-Rata Charge Warranty Period begins the day that the No Charge Warranty Period ends.

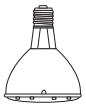
A battery that is determined to be defective during the Pro-Rata Charge Warranty Period will be replaced at the cost of the net price in effect at the time, less the relative percentage of years remaining on the Total Warranty. For example, a Lead calcium battery determined to be defective in year 2 of the Total Warranty would be replaced for the cost of the net price less 60% (3 of 5 years remaining).

Directional lamps with built-in reflectors are frequently used for trac and recessed lighting applications. The variety of Incandescent, Halogen and Ceramic Metal Halide lamps typically used are described below.

Incandescent R (Reflector) and BR (Bulge Reflector)

These lamps are available in limited sizes and wattages in two basic spot and flood patterns. They offer soft, even beams of warm incandescent light. Though the least expensive to purchase, their cost of ownership is the highest because they are the least energy efficient. Typical life is 2000 hours.

Halogen PAR (Parabolic Aluminized Reflector)



Parabolic Aluminized Reflector (PAR) lamps are the most popular directional lamps, offering a wide variety of sizes, wattages and beam spreads. A more sophisticated lens/reflector system and halogen technology make PAR lamps 50% more efficient than incandescent R/BR lamps. PAR lamps are well suited for high level ambient and accent applications, because their good beam definition and white halogen light enhance visibility and contrast. Increasingly PAR lamps utilize energy-saving "IR" models whereby the infrared heat produced by the lamp is reflected back onto the filament, enabling it to burn hotter and brighter, improving energy efficiency up to 30%. Typical life of PAR lamps is 2000 to 3000 hours. Extended life PAR lamps with up to 6,000 hour life are also available. These lamps trade off light output and/or efficacy to achieve a longer service life.

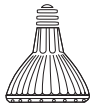
12-Volt and 24-Volt MR11/MR16 (Mirrored Reflector)

These 2" Mirrored Reflector (MR) lamps have smaller "point-source" filaments that are precisely aligned in a miniature multi-faceted reflector to produce exacting beam distributions of white, halogen light. For spot distributions they produce more usable light per watt of energy than comparable wattage halogen PAR lamps. Available in a wide range of beam spreads and wattages, the miniature 2" MR16 lamps allow for very compact fixture designs and, in combination with light control lenses, a high degree of specificity in lighting design. They are the best accent source for highlighting artwork, sculpture, or creating dramatic effects. Smaller, lower wattage 1 3/8" diameter MR11 lamps are also available for special situations where ultra-miniature fixture size is required. Like halogen PAR lamps, MR16 lamps are now available in "IR" models whereby the infrared heat produced by the lamp is reflected back onto the filament, enabling it to burn hotter and brighter, improving energy efficiency up to 30%. Life ranges from 2000 to 6000 hours. MR lamps require a step-down transformer to supply their required 12 or 24 volts.

12-Volt PAR36, AR111

Like MR16 lamps, AR111 and PAR36 utilize a smaller "point source" filament aligned in an optically efficient reflector. The difference is that these lamps use a larger parabolic reflector and a capped filament to produce a tightly collimated beam of light resulting in center beam intensities up to five times that of MR16s. They are best suited for dramatic, high-contrast accents and hold their beam over longer throw distances. Because the filament is shielded with a metal cap, PAR36 and AR111 lamps have very low brightness, much like one experiences with a dental examination light. Their typical life is 2000 to 3000 hours. These lamps require a step-down transformer to supply their required 12 volts.

Ceramic Arc Metal Halide (CMH) MR16, PAR, R-111

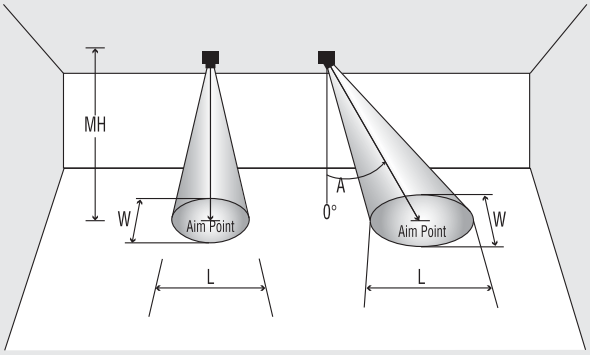


Similar in optical performance to Halogen lamps, CMH lamps are three to five times more efficient, have 2-3 times longer life and introduce less heat into a space. CMH lamps are typically operated with electronic ballasts that precisely regulate the current to the lamp, providing consistent lamp-to-lamp color and excellent color stability over life, previously not attainable from metal halide sources. Available in 3000K and 4000K colors. Center beam intensities and energy efficiency up to four times that of halogen PARs make these high performance lamps an excellent choice for higher ceiling, long burning, commercial and retail applications. CMH lamps require a couple of minutes to reach full brightness and several minutes to restrike in the event of a power disruption. Typical life is 9-15,000 hours.

The tables on the following pages provide illumination levels (FC) and beam size (in feet) for lamps of various wattages and beam patterns. Data is given for lamps aimed at both horizontal and vertical surfaces.

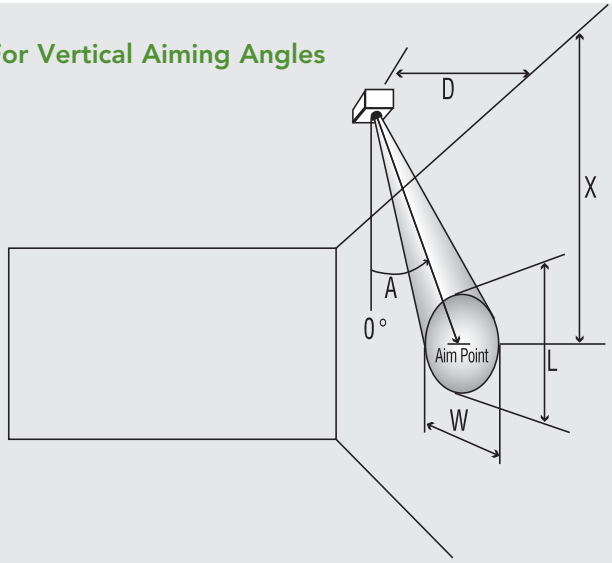
Maximum candlepower and rated life is also indicated for each lamp. Lamp performance is based on bare lamp photometrics provided by lamp manufacturers. The illustrations below define the table headings used on the following pages.

For Horizontal Aiming Angles



Aiming Angle (A=0°) Aiming Angle (A=30°)

For Vertical Aiming Angles



Aiming angles for vertical surfaces include: 30°, 45° and 60°

CBCP - Center Beam Candlepower
A - Aiming angle of fixture/lamp, measured from 0° vertical
MH - Vertical distance from the fixture/lamp to the horizontal surface
FC - Footcandles at beam center (aim point)
L - Length of beam*
W - Width of beam*
D - Distance from fixture/lamp to wall**
X - Vertical distance to the center of the beam measured from ceiling**

* The beam spread in degrees and the beam "L" and "W" in the following tables are computed at 50% of centerbeam candlepower and represent areas of "effective illumination."
** In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.577 for 30°, 1.0 for 45°, 1.732 for 60°)

Lamp	Beam Type	Beam Spread	Rated Life	CBCP	Horizontal Surface 0 degrees MH	FC	L	W	30 degrees FC	L	W	Vertical Surface 30 degrees D	FC	X	L	W	45 degrees FC	X	L	W	60 degrees D	FC	X	L	W
65W BR30 Incandescent	SP	27°	2000	1680	2	420	1.0	1.0	273	1.3	1.1	2	53	3.5	4.6	1.9	148	2.0	2.0	1.4	3	121	1.7	2.0	1.7
					4	105	1.9	1.9	68	2.6	2.2	3	23	5.2	7.0	2.9	66	3.0	3.1	2.0	4	68	2.3	2.6	2.2
					6	47	2.9	2.9	30	3.9	3.3	4	13	6.9	9.3	3.8	37	4.0	4.1	2.7	5	44	2.9	3.3	2.8
					8	26	3.8	3.8	17	5.2	4.4	5	8	8.7	11.6	4.8	24	5.0	5.1	3.4	6	30	3.5	3.9	3.3
					10	17	4.8	4.8	11	6.5	5.5	6	6	10.4	13.9	5.8	16	6.0	6.1	4.1	7	22	4.0	4.6	3.9
	FL	60°	2000	510	2	128	2.3	2.3	83	3.5	2.7	1	64	1.7	**	2.3	180	1.0	3.5	1.6	1	331	0.6	1.7	1.3
					3	57	3.5	3.5	37	5.2	4.0	2	16	3.5	**	4.6	45	2.0	6.9	3.3	2	83	1.2	3.5	2.7
					4	32	4.6	4.6	21	6.9	5.3	3	7	5.2	**	6.9	20	3.0	10.4	4.9	3	37	1.7	5.2	4.0
					5	20	5.8	5.8	13	8.7	6.7	4	4	6.9	**	9.2	11	4.0	13.9	6.5	4	21	2.3	6.9	5.3
					6	14	6.9	6.9	9	10.4	8.0	5	3	8.7	**	11.5	7	5.0	17.3	8.2	5	13	2.9	8.7	6.7
120W BR40 Incandescent	SP	20°	2000	6690	6	186	2.1	2.1	121	2.9	2.4	3	93	5.2	4.7	2.1	263	3.0	2.2	1.5	5	174	2.9	2.4	2.0
					8	105	2.8	2.8	68	3.8	3.3	4	52	6.9	6.2	2.8	148	4.0	2.9	2.0	6	121	3.5	2.9	2.4
					10	67	3.5	3.5	43	4.8	4.1	5	33	8.7	7.8	3.5	95	5.0	3.6	2.5	7	89	4.0	3.3	2.9
					12	46	4.2	4.2	30	5.7	4.9	6	23	10.4	9.3	4.2	66	6.0	4.4	3.0	8	68	4.6	3.8	3.3
					14	34	4.9	4.9	22	6.7	5.7	7	17	12.1	10.9	4.9	48	7.0	5.1	3.5	9	54	5.2	4.3	3.7
	FL	53°	2000	1430	4	89	4.0	4.0	58	5.8	4.6	2	45	3.5	**	4.0	126	2.0	5.3	2.8	3	103	1.7	4.3	3.5
					6	40	6.0	6.0	26	8.7	6.9	3	20	5.2	**	6.0	56	3.0	8.0	4.2	4	58	2.3	5.8	4.6
					8	22	8.0	8.0	15	11.6	9.2	4	11	6.9	**	8.0	32	4.0	10.6	5.6	5	37	2.9	7.2	5.8
					10	14	10.0	10.0	9	14.5	11.5	5	7	8.7	**	10.0	20	5.0	13.3	7.1	6	26	3.5	8.7	6.9
					12	10	12.0	12.0	6	17.4	13.8	6	5	10.4	**	12.0	14	6.0	15.9	8.5	7	19	4.0	10.1	8.1
45W PAR16 Halogen	NSP	10°	2000	5000	6	139	1.0	1.0	90	1.4	1.2	2	156	3.5	1.4	0.7	442	2.0	0.7	0.5	6	90	3.5	0.9	0.8
					8	78	1.4	1.4	51	1.9	1.6	3	69	5.2	2.1	1.0	196	3.0	1.1	0.7	9	40	5.2	1.4	1.2
					10	50	1.7	1.7	32	2.3	2.0	4	39	6.9	2.9	1.4	110	4.0	1.4	1.0	12	23	6.9	1.9	1.6
					12	35	2.1	2.1	23	2.8	2.4	5	25	8.7	3.6	1.7	71	5.0	1.8	1.2	15	14	8.7	2.3	2.0
					14	26	2.4	2.4	17	3.3	2.8	6	17	10.4	4.3	2.1	49	6.0	2.1	1.5	18	10	10.4	2.8	2.4
	NFL	27°	2000	1400	3	156	1.4	1.4	101	2.0	1.7	1	175	1.7	2.3	1.0	495	1.0	1.0	0.7	4	57	2.3	1.3	1.1
					5	56	2.4	2.4	36	3.3	2.8	2	44	3.5	4.6	1.9	124	2.0	2.0	1.4	6	25	3.5	2.6	2.2
					7	29	3.4	3.4	19	4.6	3.9	3	19	5.2	7.0	2.9	55	3.0	3.1	2.0	8	14	4.6	3.9	3.3
					9	17	4.3	4.3	11	5.9	5.0	4	11	6.9	9.3	3.8	31	4.0	4.1	2.7	10	9	5.8	5.2	4.4
					11	12	5.3	5.3	8	7.2	6.1	5	7	8.7	11.6	4.8	20	5.0	5.1	3.4	12	6	6.9	6.5	5.5
60W PAR16 Halogen	NSP	10°	2000	5400	6	150	1.0	1.0	97	1.4	1.2	2	169	3.5	1.4	0.7	477	2.0	0.7	0.5	6	97	3.5	0.5	0.4
					8	84	1.4	1.4	55	1.9	1.6	3	75	5.2	2.1	1.0	212	3.0	1.1	0.7	7	72	4.0	0.7	0.6
					10	54	1.7	1.7	35	2.3	2.0	4	42	6.9	2.9	1.4	119	4.0	1.4	1.0	8	55	4.6	0.9	0.8
					12	38	2.1	2.1	24	2.8	2.4	5	27	8.7	3.6	1.7	76	5.0	1.8	1.2	9	43	5.2	1.2	1.0
					14	28	2.4	2.4	18	3.3	2.8	6	19	10.4	4.3	2.1	53	6.0	2.1	1.5	10	35	5.8	1.4	1.2
	NFL	30°	2000	1550	4	97	2.1	2.1	63	2.9	2.5	2	48	3.5	5.5	2.1	137	2.0	2.3	1.5	2	252	1.2	1.5	1.2
					6	43	3.2	3.2	28	4.4	3.7	3	22	5.2	8.2	3.2	61	3.0	3.5	2.3	3	112	1.7	2.2	1.9
					8	24	4.3	4.3	16	5.9	5.0	4	12	6.9	10.9	4.3	34	4.0	4.6	3.0	4	63	2.3	2.9	2.5
					10	16	5.4	5.4	10	7.3	6.2	5	8	8.7	13.7	5.4	22	5.0	5.8	3.8	5	40	2.9	3.7	3.1
					12	11	6.4	6.4	7	8.8	7.4	6	5	10.4	16.4	6.4	15	6.0	6.9	4.5	6	28	3.5	4.4	3.7
75W PAR16 Halogen	NSP	10°	2000	7500	6	208	1.0	1.0	135	1.4	1.2	2	234	3.5	1.4	0.7	663	2.0	0.7	0.5	6	135	3.5	1.4	1.2
					8	117	1.4	1.4	76	1.9	1.6	3	104	5.2	2.1	1.0	295	3.0	1.1	0.7	7	99	4.0	1.6	1.4
					10	75	1.7	1.7	49	2.3	2.0	4	59	6.9	2.9	1.4	166	4.0	1.4	1.0	8	76	4.6	1.9	1.6
					12	52	2.1	2.1	34	2.8	2.4	5	38	8.7	3.6	1.7	106	5.0	1.8	1.2	9	60	5.2	2.1	1.8
					14	38	2.4	2.4	25	3.3	2.8	6	26	10.4	4.3	2.1	74	6.0	2.1	1.5	10	49	5.8	2.3	2.0
	NFL	30°	2000	1900	4	119	2.1	2.1	77	2.9	2.5	2	59	3.5	5.5	2.1	168	2.0	2.3	1.5	2	309	1.2	1.5	1.2
					6	53	3.2	3.2	34	4.4	3.7	3	26	5.2	8.2	3.2	75	3.0	3.5	2.3	3	137	1.7	2.2	1.9
					8	30	4.3	4.3	19	5.9	5.0	4	15	6.9	10.9	4.3	42	4.0	4.6	3.0	4	77	2.3	2.9	2.5
					10	19	5.4	5.4	12	7.3	6.2	5	10	8.7	13.7	5.4	27	5.0	5.8	3.8	5	49	2.9	3.7	3.1
					12	13	6.4	6.4	9	8.8	7.4	6	7	10.4	16.4	6.4	19	6.0	6.9	4.5	6	34	3.5	4.4	3.7
39W PAR20 Halogen IR* (Osram/Sylvania)	SP	10°	3000	4000	6	111	1.0	1.0	72	1.4	1.2	2	125	3.5	1.4	0.7	354	2.0	0.7	0.5	3	289	1.7	0.7	0.6
					8	63	1.4	1.4	41	1.9	1.6	3	56	5.2	2.1	1.0	157	3.0	1.1	0.7	4	162	2.3	0.9	0.8
					10	40	1.7	1.7	26	2.3	2.0	4	31	6.9	2.9	1.4	88	4.0	1.4	1.0	5	104	2.9	1.2	1.0
					12	28	2.1	2.1	18	2.8	2.4	5	20	8.7	3.6	1.7	57	5.0	1.8	1.2	6	72	3.5	1.4	1.2
					14	20	2.4	2.4	13	3.3	2.8	6	14	10.4	4.3	2.1	39	6.0	2.1	1.5	7	53	4.0	1.6	1.4
	FL	30°	3000	1100	4	69	2.1	2.1	45	2.9	2.5	2	34	3.5	5.5	2.1	97	2.0	2.3	1.5	3	79	1.7	2.2	1.9
					5	44	2.7	2.7	29	3.7	3.1	3	15	5.2	8.2	3.2	43	3.0	3.5	2.3	4	45	2.3	2.9	2.5
					6	31	3.2	3.2	20	4.4	3.7	4	9	6.9	10.9	4.3	24	4.0	4.6	3.0	5	29	2.9	3.7	3.1
					7	22	3.8	3.8	15	5.1	4.3	5	6	8.7	13.7	5.4	16	5.0	5.8	3.8	6	20	3.5	4.4	3.7
					8	17	4.3	4.3	11	5.9	5.0	6	4	10.4	16.4	6.4	11	6.0	6.9	4.5	7	15	4.0	5.1	4.3

* Replaces higher wattage standard halogen lamp which is no longer manufactured as of July 2012 in compliance with 2007 Energy Independence and Security Act.
Note: Data shown is for a specific lamp from a specific lamp manufacturer. Watttage, CBCP & life on the newer IR PAR style lamps varies.
Consult lamp manufacturer literature for complete information.
** Due to steep aiming angle, length of beam extends beyond 25'. Each angle listed is measured from 0° vertical.

Lamp	Beam Type	Beam Spread	Rated Life	CBCP	Horizontal Surface 0 degrees MH	FC	L	W	30 degrees FC	L	W	Vertical Surface 30 degrees D	FC	X	L	W	45 degrees FC	X	L	W	60 degrees D	FC	X	L	W
39W PAR30	SP	10°	3000	5800	6	161	1.0	1.0	105	1.4	1.2	3	81	5.2	2.1	1.0	228	3.0	1.1	0.7	6	105	3.5	1.4	1.2
Halogen*					8	91	1.4	1.4	59	1.9	1.6	4	45	6.9	2.9	1.4	128	4.0	1.4	1.0	7	77	4.0	1.6	1.4
(Osram/Sylvania)					10	58	1.7	1.7	38	2.3	2.0	5	29	8.7	3.6	1.7	82	5.0	1.8	1.2	8	59	4.6	1.9	1.6
					12	40	2.1	2.1	26	2.8	2.4	6	20	10.4	4.3	2.1	57	6.0	2.1	1.5	9	47	5.2	2.1	1.8
					14	30	2.4	2.4	19	3.3	2.8	7	15	12.1	5.0	2.4	42	7.0	2.5	1.7	10	38	5.8	2.3	2.0
	NFL	25°	3000	1600	4	100	1.8	1.8	65	2.4	2.0	2	50	3.5	4.2	1.8	141	2.0	1.9	1.3	4	65	2.3	2.4	2.0
					6	44	2.7	2.7	29	3.6	3.1	3	22	5.2	6.2	2.7	63	3.0	2.8	1.9	5	42	2.9	3.0	2.6
					8	25	3.5	3.5	16	4.8	4.1	4	13	6.9	8.3	3.5	35	4.0	3.7	2.5	6	29	3.5	3.6	3.1
					10	16	4.4	4.4	10	6.0	5.1	5	8	8.7	10.4	4.4	23	5.0	4.7	3.1	7	21	4.0	4.2	3.6
					12	11	5.3	5.3	7	7.2	6.1	6	6	10.4	12.5	5.3	16	6.0	5.6	3.8	8	16	4.6	4.8	4.1
	WFL	50°	3000	600	3	67	2.8	2.8	43	4.0	3.2	1	75	1.7	10.7	1.9	212	1.0	2.4	1.3	2	97	1.2	2.7	2.2
					5	24	4.7	4.7	16	6.7	5.4	2	19	3.5	21.5	3.7	53	2.0	4.8	2.6	3	43	1.7	4.0	3.2
					7	12	6.5	6.5	8	9.4	7.5	3	8	5.2	**	5.6	24	3.0	7.2	4.0	4	24	2.3	5.4	4.3
					9	7	8.4	8.4	5	12.1	9.7	4	5	6.9	**	7.5	13	4.0	9.5	5.3	5	16	2.9	6.7	5.4
					11	5	10.3	10.3	3	14.7	11.8	5	3	8.7	**	9.3	8	5.0	11.9	6.6	6	11	3.5	8.0	6.5
50W PAR30	SP	10°	4200	12300	6	342	1.0	1.0	222	1.4	1.2	3	171	5.2	2.1	1.0	483	3.0	1.1	0.7	7	163	4.0	1.6	1.4
Halogen IR*					8	192	1.4	1.4	125	1.9	1.6	4	96	6.9	2.9	1.4	272	4.0	1.4	1.0	8	125	4.6	1.9	1.6
(Philips)					10	123	1.7	1.7	80	2.3	2.0	5	62	8.7	3.6	1.7	174	5.0	1.8	1.2	9	99	5.2	2.1	1.8
					12	85	2.1	2.1	55	2.8	2.4	6	43	10.4	4.3	2.1	121	6.0	2.1	1.5	10	80	5.8	2.3	2.0
					14	63	2.4	2.4	41	3.3	2.8	7	31	12.1	5.0	2.4	89	7.0	2.5	1.7	11	66	6.4	2.6	2.2
	FL	25°	4200	3850	4	241	1.8	1.8	156	2.4	2.0	2	120	3.5	4.2	1.8	340	2.0	1.9	1.3	3	278	1.7	1.8	1.5
					6	107	2.7	2.7	69	3.6	3.1	3	53	5.2	6.2	2.7	151	3.0	2.8	1.9	4	156	2.3	2.4	2.0
					8	60	3.5	3.5	39	4.8	4.1	4	30	6.9	8.3	3.5	85	4.0	3.7	2.5	5	100	2.9	3.0	2.6
					10	39	4.4	4.4	25	6.0	5.1	5	19	8.7	10.4	4.4	54	5.0	4.7	3.1	6	69	3.5	3.6	3.1
					12	20	6.2	6.2	13	8.4	7.2	6	13	10.4	12.5	5.3	38	6.0	5.6	3.8	7	51	4.0	4.2	3.6
	WFL	40°	4200	1420	4	89	2.9	2.9	58	4.1	3.4	1	178	1.7	4.8	1.5	502	1.0	1.7	1.0	2	231	1.2	2.0	1.7
					6	39	4.4	4.4	26	6.1	5.0	2	44	3.5	9.7	2.9	126	2.0	3.4	2.1	3	102	1.7	3.0	2.5
					8	22	5.8	5.8	14	8.1	6.7	3	20	5.2	14.5	4.4	56	3.0	5.0	3.1	4	58	2.3	4.1	3.4
					10	14	7.3	7.3	9	10.2	8.4	4	11	6.9	19.3	5.8	31	4.0	6.7	4.1	5	37	2.9	5.1	4.2
					12	10	8.7	8.7	6	12.2	10.1	5	7	8.7	24.2	7.3	20	5.0	8.4	5.1	6	26	3.5	6.1	5.0

* Replaces higher wattage standard halogen lamp which is no longer manufactured as of July 2012 in compliance with 2007 Energy Independence and Security Act.
Note: Data shown is for a specific lamp from a specific lamp manufacturer. Watttage, CBCP & life on the newer IR PAR style lamps varies.
Consult lamp manufacturer literature for complete information.
** Due to steep aiming angle, length of beam extends beyond 25'. Each angle listed is measured from 0° vertical.

Lamp	Beam Type	Beam Spread	Rated Life	CBCP	Horizontal Surface 0 degrees MH	FC	L	W	30 degrees FC	L	W	Vertical Surface 30 degrees D	FC	X	L	W	45 degrees FC	X	L	W	60 degrees D	FC	X	L	W
48W PAR38	SP	10°	4200	15500	10	155	1.7	1.7	101	2.3	2.0	4	121	6.9	2.9	1.4	343	4.0	1.4	1.0	6	280	3.5	1.4	1.2
Halogen IR*					12	108	2.1	2.1	70	2.8	2.4	6	54	10.4	4.3	2.1	152	6.0	2.1	1.5	9	124	5.2	2.1	1.8
(General Electric)					14	79	2.4	2.4	51	3.3	2.8	8	30	13.9	5.7	2.8	86	8.0	2.8	2.0	12	70	6.9	2.8	2.4
					16	61	2.8	2.8	39	3.7	3.2	10	19	17.3	7.2	3.5	55	10.0	3.5	2.5	15	45	8.7	3.5	3.0
					18	48	3.1	3.1	31	4.2	3.6	12	13	20.8	8.6	4.2	38	12.0	4.2	3.0	18	31	10.4	4.2	3.6
	FL	25°	4200	3800	6	106	2.7	2.7	69	3.6	3.1	2	119	3.5	4.2	1.8	336	2.0	1.9	1.3	2	274	1.7	1.8	1.5
					7	78	3.1	3.1	50	4.2	3.6	4	30	6.9	8.3	3.5	84	4.0	3.7	2.5	4	154	2.3	2.4	2.0
					8	59	3.5	3.5	39	4.8	4.1	6	13	10.4	12.5	5.3	37	6.0	5.6	3.8	6	69	3.5	3.6	3.1
					10	38	4.4	4.4	25	6.0	5.1	8	7	13.9	16.6	7.1	21	8.0	7.5	5.0	8	39	4.6	4.8	4.1
					12	26	5.3	5.3	17	7.2	6.1	10	5	17.3	20.8	8.9	13	10.0	9.3	6.3	10	25	5.8	6.0	5.1
70W PAR38	SP	10°	4200	17800	10	178	1.7	1.7	116	2.3	2.0	4	139	6.9	2.9	1.4	393	4.0	1.4	1.0	6	321	3.5	1.4	1.32
Halogen IR*					12	124	2.1	2.1	80	2.8	2.4	6	62	10.4	4.3	2.1	175	6.0	2.1	1.5	9	143	5.2	2.1	1.8
(Philips)					14	91	2.4	2.4	59	3.3	2.8	8	35	13.9	5.7	2.8	98	8.0	2.8	2.0	12	80	6.9	2.8	2.4
					16	70	2.8	2.8	45	3.7	3.2	10	22	17.3	7.2	3.5	63	10.0	3.5	2.5	15	51	8.7	3.5	3.0
					18	55	3.1	3.1	36	4.2	3.6	12	15	20.8	8.6	4.2	44	12.0	4.2	3.0	18	36	10.4	4.2	3.6
	NFL	25°	4200	6170	8	96	3.5	3.5	63	4.8	4.1	2	193	3.5	4.2	1.8	545	2.0	1.9	1.3	4	250	2.3	2.4	2.0
					10	62	4.4	4.4	40	6.0	5.1	4	48	6.9	8.3	3.5	136	4.0	3.7	2.5	6	111	3.5	3.6	3.1
					12	43	5.3	5.3	28	7.2	6.1	6	21	10.4	12.5	5.3	61	6.0	5.6	3.8	8	63	4.6	4.8	4.1
					14	31	6.2	6.3	20	8.4	7.2	8	12	13.9	16.6	7.1	34	8.0	7.5	5.0	10	40	5.8	6.0	5.1
					16	24	7.1	7.1	16	9.6	8.2	10	8	17.3	20.8	8.9	22	10.0	9.3	6.3	12	28	6.9	7.2	6.1
	WFL	40°	4200	2320	6	64	4.4	4.4	42	6.1	5.0	2	73	3.5	9.7	2.9	205	2.0	3.4	2.1	2	377	1.2	2.0	1.7
					8	36	5.8	5.8	24	8.1	6.7	3	32	5.2	14.5	4.4	91	3.0	5.0	3.1	3	167	1.7	3.0	2.5
					10	23	7.3	7.3	15	10.2	8.4	4	18	6.9	19.3	5.8	51	4.0	6.7	4.1	4	94	2.3	4.1	3.4
					12	16	8.7	8.7	10	12.2	10.1	5	12	8.7	24.2	7.3	33	5.0	8.4	5.1	5	60	2.9	5.1	4.2
					14	12	10.2	10.2	8	14.2	11.8	6	8	10.4	**	8.7	23	6.0	10.1	6.2	6	42	3.5	6.1	5.0
80W PAR38	SP	10°	3000	21600	10	216	1.7	1.7	140	2.3	2.0	4	169	6.9	2.9	1.4	477	4.0	1.4	1.0	6	390	3.5	1.4	1.2
Halogen IR*					12	150	2.1	2.1	97	2.8	2.4	6	75	10.4	4.3	2.1	212	6.0	2.1	1.5	9	173	5.2	2.1	1.8
(Osram/Sylvania)					14	110	2.4	2.4	72	3.3	2.8	8	42	13.9	5.7	2.8	119	8.0	2.8	2.0	12	97	6.9	2.8	2.4
					16	84	2.8	2.8	55	3.7	3.2	10	27	17.3	7.2	3.5	76	10.0	3.5	2.5	15	62	8.7	3.5	3.0
					18	67	3.1	3.1	43	4.2	3.6	12	19	20.8	8.6	4.2	53	12.0	4.2	3.0	18	43	10.4	4.2	3.6
	NFL	25°	3000	6000	8	94	3.5	3.5	61	4.8	4.1	2	188	3.5	4.2	1.8	530	2.0	1.9	1.3	3	433	1.7	1.8	1.5
					10	60	4.4	4.4	39	6.0	5.1	4	47	6.9	8.3	3.5	133	4..0	3.7	2.5	4	244	2.3	2.4	2.0
					12	42	5.3	5.3	27	7.2	6.1	6	21	10.4	12.5	5.3	59	6.0	5.6	3.8	6	108	3.5	3.6	3.1
					14	31	6.2	6.2	20	8.4	7.2	8	12	13.9	16.6	7.1	33	8.0	7.5	5.0	8	61	4.6	4.8	4.1
					16	23	7.1	7.1	15	9.6	8.2	10	8	17.3	20.8	8.9	21	10.0	9.3	6.3	10	39	5.8	6.0	5.1
	WFL	50°	3000	2300	6	64	5.6	5.6	41	8.0	6.5	2	72	3.5	21.5	3.7	203	2.0	4.8	2.6	2	373	1.2	2.7	2.2
					8	36	7.5	7.5	23	10.7	8.6	3	32	5.2	**	5.6	90	3.0	7.2	4.0	3	166	1.7	4.0	3.2
					10	23	9.3	9.3	15	13.4	10.8	4	18	6.9	**	7.5	51	4.0	9.5	5.3	4	93	2.3	5.4	4.3
					12	16	11.2	11.2	10	16.1	12.9	5	12	8.7	**	9.3	33	5.0	11.9	6.6	5	60	2.9	6.7	5.4
					14	12	13.1	13.1	8	18.8	15.1	6	8	10.4	**	11.2	23	6.0	14.3	7.9	6	41	3.5	8.0	6.5

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Consult lamp manufacturer literature for complete information.
** Due to steep aiming angle, length of beam extends beyond 25'. Each angle listed is measured from 0° vertical.

Lamp	Beam Type	Beam Spread	Rated Life	CBCP	Horizontal Aiming Angles: 0 degrees MH	FC	L	W	30 degrees FC	L	W	Vertical Aiming Angles: 30 degrees D	FC	X	L	W	45 degrees FC	X	L	W	60 degrees D	FC	X	L	W
250W PAR38	SP	10°	4200	40000	12	278	2.1	2.1	180	2.8	2.4	6	139	10.4	4.3	2.1	393	6.0	2.1	1.5	8	406	4.6	1.9	1.6
Halogen					14	204	2.4	2.4	133	3.3	2.8	9	62	15.6	6.4	3.1	175	9.0	3.2	2.2	9	321	5.2	2.1	1.8
					16	156	2.8	2.8	101	3.7	3.2	12	35	20.8	8.6	4.2	98	12.0	4.2	3.0	10	260	5.8	2.3	2.0
					22	83	3.8	3.8	54	5.1	4.4	15	22	**	10.7	5.2	63	15.0	5.3	3.7	11	215	6.4	2.6	2.2
					30	44	5.2	5.2	29	7.0	6.1	18	15	**	12.9	6.3	44	18.0	6.3	4.5	12	180	6.9	2.8	2.4
	FL	30°	4200	9000	6	250	3.2	3.2	162	4.4	3.7	3	125	5.2	8.2	3.2	354	3.0	3.5	2.3	6	162	3.5	4.4	3.7
					8	141	4.3	4.3	91	5.9	5.0	4	70	6.9	10.9	4.3	199	4.0	4.6	3.0	7	119	4.0	5.1	4.3
					10	90	5.4	5.4	58	7.3	6.2	5	45	8.7	13.7	5.4	127	5.0	5.8	3.8	8	91	4.6	5.9	5.0
					12	63	6.4	6.4	41	8.8	7.4	6	31	10.4	16.4	6.4	88	6.0	6.9	4.5	9	72	5.2	6.6	5.6
					14	46	7.5	7.5	30	10.2	8.7	7	23	12.1	19.1	7.5	65	7.0	8.1	5.3	10	58	5.8	7.3	6.2
20W MR11	SP	15°	3500	1760	4	110	1.1	1.1	71	1.4	1.2	2	55	3.5	2.2	1.1	156	2.0	1.1	0.7	4	71	2.3	0.7	0.6
Halogen					6	49	1.6	1.6	32	2.1	1.8	3	24	5.2	3.3	1.6	69	3.0	1.6	1.1	5	46	2.9	1.1	0.9
					8	28	2.1	2.1	18	2.8	2.4	4	14	6.9	4.4	2.1	39	4.0	2.1	1.5	6	32	3.5	1.4	1.2
					10	18	2.6	2.6	11	3.5	3.0	5	9	8.7	5.6	2.6	25	5.0	2.7	1.9	7	23	4.0	1.8	1.5
					12	12	3.2	3.2	8	4.2	3.6	6	6	10.4	6.7	3.2	17	6.0	3.2	2.2	8	18	4.6	2.1	1.8
	FL	30°	3500	600	2	150	1.1	1.1	97	1.5	1.2	1	75	1.7	2.7	1.1	212	1.0	1.2	0.8	2	97	1.2	0.7	0.6
					4	38	2.1	2.1	24	2.9	2.5	2	19	3.5	5.5	2.1	53	2.0	2.3	1.5	3	43	1.7	1.5	1.2
					6	17	3.2	3.2	11	4.4	3.7	3	8	5.2	8.2	3.2	24	3.0	3.5	2.3	4	24	2.3	2.2	1.9
					8	9	4.3	4.3	6	5.9	5.0	4	5	6.9	10.9	4.3	13	4.0	4.6	3.0	5	16	2.9	2.9	2.5
					10	6	5.4	5.4	4	7.3	6.2	5	3	8.7	13.7	5.4	8	5.0	5.8	3.8	6	11	3.5	3.7	3.1
35W MR11	SP	20°	3500	3000	4	188	1.4	1.4	122	1.9	1.6	2	94	3.5	3.1	1.4	265	2.0	1.5	1.0	4	122	2.3	1.0	0.8
Halogen					6	83	2.1	2.1	54	2.9	2.4	3	42	5.2	4.7	2.1	118	3.0	2.2	1.5	5	78	2.9	1.4	1.2
					8	47	2.8	2.8	30	3.8	3.3	4	23	6.9	6.2	2.8	66	4.0	2.9	2.0	6	54	3.5	1.9	1.6
					10	30	3.5	3.5	19	4.8	4.1	5	15	8.7	7.8	3.5	42	5.0	3.6	2.5	7	40	4.0	2.4	2.0
					12	21	4.2	4.2	14	5.7	4.9	6	10	10.4	9.3	4.2	29	6.0	4.4	3.0	8	30	4.6	2.9	2.4
	FL	30°	3500	1300	2	325	1.1	1.1	211	1.5	1.2	1	163	1.7	2.7	1.1	460	1.0	1.2	0.8	2	211	1.2	0.7	0.6
					4	81	2.1	2.1	53	2.9	2.5	2	41	3.5	5.5	2.1	115	2.0	2.3	1.5	3	94	1.7	1.5	1.2
					6	36	3.2	3.2	23	4.4	3.7	3	18	5.2	8.2	3.2	51	3.0	3.5	2.3	4	53	2.3	2.2	1.9
					8	20	4.3	4.3	13	5.9	5.0	4	10	6.9	10.9	4.3	29	4.0	4.6	3.0	5	34	2.9	2.9	2.5
					10	13	5.4	5.4	8	7.3	6.2	5	7	8.7	13.7	5.4	18	5.0	5.8	3.8	6	23	3.5	3.7	3.1
20W MR16	VNSP	7°	3000	7400	6	206	0.7	0.7	134	1.0	0.8	3	103	5.2	1.5	0.7	291	3.0	0.7	0.5	6	134	3.5	1.0	0.8
Halogen					9	91	1.1	1.1	59	1.5	1.3	4	58	6.9	2.0	1.0	164	4.0	1.0	0.7	7	98	4.0	1.1	1.0
					12	51	1.5	1.5	33	2.0	1.7	5	37	8.7	2.5	1.2	105	5.0	1.2	0.9	8	75	4.6	1.3	1.1
					15	33	1.8	1.8	21	2.4	2.1	6	26	10.4	3.0	1.5	73	6.0	1.5	1.0	9	59	5.2	1.5	1.3
					18	23	2.2	2.2	15	2.9	2.5	7	19	12.1	3.5	1.7	53	7.0	1.7	1.2	10	48	5.8	1.6	1.4
	NSP	15°	5000	3750	4	234	1.1	1.1	152	1.4	1.2	2	117	3.5	2.2	1.1	331	2.0	1.1	0.7	4	152	2.3	1.4	1.2
					6	104	1.6	1.6	68	2.1	1.8	3	52	5.2	3.3	1.6	147	3.0	1.6	1.1	5	97	2.9	1.8	1.5
					8	59	2.1	2.1	38	2.8	2.4	4	29	6.9	4.4	2.1	83	4.0	2.1	1.5	6	68	3.5	2.1	1.8
					10	38	2.6	2.6	24	3.5	3.0	5	19	8.7	5.6	2.6	53	5.0	2.7	1.9	7	50	4.0	2.5	2.1
					12	26	3.2	3.2	17	4.2	3.6	6	13	10.4	6.7	3.2	37	6.0	3.2	2.2	8	38	4.6	2.8	2.4
20W MR16	NSP	10°	5000	6000	4	375	0.7	0.7	244	0.9	0.8	2	188	3.5	1.4	0.7	530	2.0	0.7	0.5	4	244	2.3	0.5	0.4
Halogen IR					6	167	1.0	1.0	108	1.4	1.2	3	83	5.2	2.1	1.0	236	3.0	1.1	0.7	5	156	2.9	0.7	0.6
Lensed					8	94	1.4	1.4	61	1.9	1.6	4	47	6.9	2.9	1.4	133	4.0	1.4	1.0	6	108	3.5	0.9	0.8
					10	60	1.7	1.7	39	2.3	2.0	5	30	8.7	3.6	1.7	85	5.0	1.8	1.2	7	80	4.0	1.2	1.0
					12	42	2.1	2.1	27	2.8	2.4	6	21	10.4	4.3	2.1	59	6.0	2.1	1.5	8	61	4.6	1.4	1.2
	FL	35°	5000	1000	2	250	1.3	1.3	162	1.7	1.5	1	125	1.7	3.6	1.3	354	1.0	1.4	0.9	2	162	1.2	0.9	0.7
					4	63	2.5	2.5	41	3.5	2.9	2	31	3.5	7.2	2.5	88	2.0	2.8	1.8	3	72	1.7	1.7	1.5
					6	28	3.8	3.8	18	5.2	4.4	3	14	5.2	10.8	3.8	39	3.0	4.2	2.7	4	41	2.3	2.6	2.2
					8	16	5.0	5.0	10	7.0	5.8	4	8	6.9	14.4	5.0	22	4.0	5.6	3.6	5	26	2.9	3.5	2.9
					10	10	6.3	6.3	6	8.7	7.3	5	5	8.7	18.0	6.3	14	5.0	7.0	4.5	6	18	3.5	4.3	3.6

** Due to steep aiming angle, length of beam extends beyond 25'. Each angle listed is measured from 0° vertical.

Lamp	Beam Type	Beam Spread	Rated Life	CBCP	Horizontal Surface 0 degrees MH	FC	L	W	30 degrees FC	L	W	Vertical Surface 30 degrees D	FC	X	L	W	45 degrees FC	X	L	W	60 degrees D	FC	X	L	W
35W MR16 Halogen	NSP	10°	4000	9100	6	253	1.0	1.0	164	1.4	1.2	3	126	5.2	2.1	1.0	357	3.0	1.1	0.7	6	164	3.5	0.7	0.6
					8	142	1.4	1.4	92	1.9	1.6	4	71	6.9	2.9	1.4	201	4.0	1.4	1.0	7	121	4.0	0.9	0.8
					10	91	1.7	1.7	59	2.3	2.0	5	46	8.7	3.6	1.7	129	5.0	1.8	1.2	8	92	4.6	1.2	1.0
					12	63	2.1	2.1	41	2.8	2.4	6	32	10.4	4.3	2.1	89	6.0	2.1	1.5	9	73	5.2	1.4	1.2
					14	46	2.4	2.4	30	3.3	2.8	7	23	12.1	5.0	2.4	66	7.0	2.5	1.7	10	59	5.8	1.6	1.4
	NFL	25°	4000	2000	4	125	1.8	1.8	81	2.4	2.0	2	63	3.5	4.2	1.8	177	2.0	1.9	1.3	4	81	2.3	1.2	1.0
					6	56	2.7	2.7	36	3.6	3.1	3	28	5.2	6.2	2.7	79	3.0	2.8	1.9	5	52	2.9	1.8	1.5
					8	31	3.5	3.5	20	4.8	4.1	4	16	6.9	8.3	3.5	44	4.0	3.7	2.5	6	36	3.5	2.4	2.0
					10	20	4.4	4.4	13	6.0	5.1	5	10	8.7	10.4	4.4	28	5.0	4.7	3.1	7	27	4.0	3.0	2.6
					12	14	5.3	5.3	9	7.2	6.1	6	7	10.4	12.5	5.3	20	6.0	5.6	3.8	8	20	4.6	3.6	3.1
	FL	35°	4000	1500	4	94	2.5	2.5	61	3.5	2.9	2	47	3.5	7.2	2.5	133	2.0	2.8	1.8	4	61	2.3	1.7	1.5
					6	42	3.8	3.8	27	5.2	4.4	3	21	5.2	10.8	3.8	59	3.0	4.2	2.7	5	39	2.9	2.6	2.2
					8	23	5.0	5.0	15	7.0	5.8	4	12	6.9	14.4	5.0	33	4.0	5.6	3.6	6	27	3.5	3.5	2.9
					10	15	6.3	6.3	10	8.7	7.3	5	8	8.7	18.0	6.3	21	5.0	7.0	4.5	7	20	4.0	4.3	3.6
					12	10	7.6	7.6	7	10.4	8.7	6	5	10.4	21.6	7.6	15	6.0	8.4	5.4	8	15	4.6	5.2	4.4
	WFL	60°	4000	650	2	163	2.3	2.3	106	3.5	2.7	1	81	1.7	**	2.3	230	1.0	3.5	1.6	2	106	1.2	1.7	1.3
					4	41	4.6	4.6	26	6.9	5.3	2	20	3.5	**	4.6	57	2.0	6.9	3.3	3	47	1.7	3.5	2.7
					6	18	6.9	6.9	12	10.4	8.0	3	9	5.2	**	6.9	26	3.0	10.4	4.9	4	26	2.3	5.2	4.0
					8	10	9.2	9.2	7	13.9	10.7	4	5	6.9	**	9.2	14	4.0	13.9	6.5	5	17	2.9	6.9	5.3
					10	7	11.5	11.5	4	17.3	13.3	5	3	8.7	**	11.5	9	5.0	17.3	8.2	6	12	3.5	8.7	6.7
37W MR16 Halogen IR Lensed	NSP	10°	5000	12500	6	347	1.0	1.0	226	1.4	1.2	3	174	5.2	2.1	1.0	491	3.0	1.1	0.7	6	226	3.5	0.7	0.6
					8	195	1.4	1.4	127	1.9	1.6	4	98	6.9	2.9	1.4	276	4.0	1.4	1.0	7	166	4.0	0.9	0.8
					10	125	1.7	1.7	81	2.3	2.0	5	63	8.7	3.6	1.7	177	5.0	1.8	1.2	8	127	4.6	1.2	1.0
					12	87	2.1	2.1	56	2.8	2.4	6	43	10.4	4.3	2.1	123	6.0	2.1	1.5	9	100	5.2	1.4	1.2
					14	64	2.4	2.4	41	3.3	2.8	7	32	12.1	5.0	2.4	90	7.0	2.5	1.7	10	81	5.8	1.6	1.4
	NFL	25°	5000	4400	4	275	1.8	1.8	179	2.4	2.0	2	138	3.5	4.2	1.8	389	2.0	1.9	1.3	4	179	2.3	1.2	1.0
					6	122	2.7	2.7	79	3.6	3.1	3	61	5.2	6.2	2.7	173	3.0	2.8	1.9	5	114	2.9	1.8	1.5
					8	69	3.5	3.5	45	4.8	4.1	4	34	6.9	8.3	3.5	97	4.0	3.7	2.5	6	79	3.5	2.4	2.0
					10	44	4.4	4.4	29	6.0	5.1	5	22	8.7	10.4	4.4	62	5.0	4.7	3.1	7	58	4.0	3.0	2.6
					12	31	5.3	5.3	20	7.2	6.1	6	15	10.4	12.5	5.3	43	6.0	5.6	3.8	8	45	4.6	3.6	3.1
	FL	35°	5000	2200	3	244	1.9	1.9	159	2.6	2.2	2	69	3.5	7.2	2.5	194	2.0	2.8	1.8	3	159	1.7	1.7	1.5
					4	138	2.5	2.5	89	3.5	2.9	3	31	5.2	10.8	3.8	86	3.0	4.2	2.7	4	89	2.3	2.6	2.2
					6	61	3.8	3.8	40	5.2	4.4	4	17	6.9	14.4	5.0	49	4.0	5.6	3.6	5	57	2.9	3.5	2.9
					8	34	5.0	5.0	22	7.0	5.8	5	11	8.7	18.0	6.3	31	5.0	7.0	4.5	6	40	3.5	4.3	3.6
					10	22	6.3	6.3	14	8.7	7.3	6	8	10.4	21.6	7.6	22	6.0	8.4	5.4	7	29	4.0	5.2	4.4
	WFL	60°	5000	1100	2	275	2.3	2.3	179	3.5	2.7	1	138	1.7	**	2.3	389	1.0	3.5	1.6	2	179	1.2	1.7	1.3
					4	69	4.6	4.6	45	6.9	5.3	2	34	3.5	**	4.6	97	2.0	6.9	3.3	3	79	1.7	3.5	2.7
					6	31	6.9	6.9	20	10.4	8.0	3	15	5.2	**	6.9	43	3.0	10.4	4.9	4	45	2.3	5.2	4.0
					8	17	9.2	9.2	11	13.9	10.7	4	9	6.9	**	9.2	24	4.0	13.9	6.5	5	29	2.9	6.9	5.3
					10	11	11.5	11.5	7	17.3	13.3	5	6	8.7	**	11.5	16	5.0	17.3	8.2	6	20	3.5	8.7	6.7
42W MR16 Halogen	VNSP	9°	3500	12300	8	192	1.3	1.3	125	1.7	1.5	4	96	6.9	2.6	1.3	272	4.0	1.3	0.9	7	163	4.0	1.5	1.3
					10	123	1.6	1.6	80	2.1	1.8	5	62	8.7	3.2	1.6	174	5.0	1.6	1.1	8	125	4.6	1.7	1.5
					12	85	1.9	1.9	55	2.5	2.2	6	43	10.4	3.8	1.9	121	6.0	1.9	1.3	9	99	5.2	1.9	1.6
					14	63	2.2	2.2	41	2.9	2.5	7	31	12.1	4.5	2.2	89	7.0	2.2	1.6	10	80	5.8	2.1	1.8
					16	48	2.5	2.5	31	3.4	2.9	8	24	13.9	5.1	2.5	68	8.0	2.5	1.8	11	66	6.4	2.3	2.0
50W MR16 Halogen	NSP	15°	6000	9100	6	253	1.6	1.6	164	2.1	1.8	3	126	5.2	3.3	1.6	357	3.0	1.6	1.1	6	164	3.5	1.1	0.9
					8	142	2.1	2.1	92	2.8	2.4	4	71	6.9	4.4	2.1	201	4.0	2.1	1.5	7	121	4.0	1.4	1.2
					10	91	2.6	2.6	59	3.5	3.0	5	46	8.7	5.6	2.6	129	5.0	2.7	1.9	8	92	4.6	1.8	1.5
					12	63	3.2	3.2	41	4.2	3.6	6	32	10.4	6.7	3.2	89	6.0	3.2	2.2	9	73	5.2	2.1	1.8
					14	46	3.7	3.7	30	4.9	4.3	7	23	12.1	7.8	3.7	66	7.0	3.8	2.6	10	59	5.8	2.5	2.1
	NFL	25°	6000	3200	4	200	1.8	1.8	130	2.4	2.0	2	100	3.5	4.2	1.8	283	2.0	1.9	1.3	4	130	2.3	1.2	1.0
					6	89	2.7	2.7	58	3.6	3.1	3	44	5.2	6.2	2.7	126	3.0	2.8	1.9	5	83	2.9	1.8	1.5
					8	50	3.5	3.5	32	4.8	4.1	4	25	6.9	8.3	3.5	71	4.0	3.7	2.5	6	58	3.5	2.4	2.0
					10	32	4.4	4.4	21	6.0	5.1	5	16	8.7	10.4	4.4	45	5.0	4.7	3.1	7	42	4.0	3.0	2.6
					12	22	5.3	5.3	14	7.2	6.1	6	11	10.4	12.5	5.3	31	6.0	5.6	3.8	8	32	4.6	3.6	3.1
	FL	40°	6000	1700	3	189	2.2	2.2	123	3.0	2.5	2	53	3.5	9.7	2.9	150	2.0	3.4	2.1	3	123	1.7	2.0	1.7
					4	106	2.9	2.9	69	4.1	3.4	3	24	5.2	14.5	4.4	67	3.0	5.0	3.1	4	69	2.3	3.0	2.5
					6	47	4.4	4.4	31	6.1	5.0	4	13	6.9	19.3	5.8	38	4.0	6.7	4.1	5	44	2.9	4.1	3.4
					8	27	5.8	5.8	17	8.1	6.7	5	9	8.7	24.2	7.3	24	5.0	8.4	5.1	6	31	3.5	5.1	4.2
					10	17	7.3	7.3	11	10.2	8.4	6	6	10.4	**	8.7	17	6.0	10.1	6.2	7	23	4.0	6.1	5.0
	WFL	55°	6000	900	2	225	2.1	2.1	146	3.1	2.4	1	113	1.7	22.3	2.1	318	1.0	2.9	1.5	2	146	1.2	1.5	1.2
					3	100	3.1	3.1	65	4.6	3.6	2	28	3.5	**	4.2	80	2.0	5.7	2.9	3	65	1.7	3.1	2.4
					4	56	4.2	4.2	37	6.1	4.8	3	13	5.2	**	6.2	35	3.0	8.6	4.4	4	37	2.3	4.6	3.6
					6	25	6.2	6.2	16	9.2	7.2	4	7	6.9	**	8.3	20	4.0	11.4	5.9	5	23	2.9	6.1	4.8
					8	14	8.3	8.3	9	12.2	9.6	5	5	8.7	**	10.4	13	5.0	14.3	7.4	6	16	3.5	7.6	6.0

** Due to steep aiming angle, length of beam extends beyond 25'.
Each angle listed is measured from 0° vertical.

Lamp	Beam Type	Beam Spread	Rated Life	CBCP	Horizontal Surface 0 degrees MH	FC	L	W	30 degrees FC	L	W	Vertical Surface 30 degrees D	FC	X	L	W	45 degrees FC	X	L	W	60 degrees D	FC	X	L	W
50W MR16	SP	10°	5000	15000	6	417	1.0	1.0	271	1.4	1.2	3	208	5.2	2.1	1.0	589	3.0	1.1	0.7	6	271	3.5	0.7	0.6
Halogen IR					8	234	1.4	1.4	152	1.9	1.6	4	117	6.9	2.9	1.4	331	4.0	1.4	1.0	7	199	4.0	0.9	0.8
Lensed					10	150	1.7	1.7	97	2.3	2.0	5	75	8.7	3.6	1.7	212	5.0	1.8	1.2	8	152	4.6	1.2	1.0
					12	104	2.1	2.1	68	2.8	2.4	6	52	10.4	4.3	2.1	147	6.0	2.1	1.5	9	120	5.2	1.4	1.2
					14	77	2.4	2.4	50	3.3	2.8	7	38	12.1	5.0	2.4	108	7.0	2.5	1.7	10	97	5.8	1.6	1.4
	NFL	25°	5000	5700	4	356	1.8	1.8	231	2.4	2.0	2	178	3.5	4.2	1.8	504	2.0	1.9	1.3	4	231	2.3	1.2	1.0
					6	158	2.7	2.7	103	3.6	3.1	3	79	5.2	6.2	2.7	224	3.0	2.8	1.9	5	148	2.9	1.8	1.5
					8	89	3.5	3.5	58	4.8	4.1	4	45	6.9	8.3	3.5	126	4.0	3.7	2.5	6	103	3.5	2.4	2.0
					10	57	4.4	4.4	37	6.0	5.1	5	29	8.7	10.4	4.4	81	5.0	4.7	3.1	7	76	4.0	3.0	2.6
					12	40	5.3	5.3	26	7.2	6.1	6	20	10.4	12.5	5.3	56	6.0	5.6	3.8	8	58	4.6	3.6	3.1
	FL	35°	5000	2850	3	317	1.9	1.9	206	2.6	2.2	2	89	3.5	7.2	2.5	252	2.0	2.8	1.8	3	206	1.7	1.7	1.5
					4	178	2.5	2.5	116	3.5	2.9	3	40	5.2	10.8	3.8	112	3.0	4.2	2.7	4	116	2.3	2.6	2.2
					6	79	3.8	3.8	51	5.2	4.4	4	22	6.9	14.4	5.0	63	4.0	5.6	3.6	5	74	2.9	3.5	2.9
					8	45	5.0	5.0	29	7.0	5.8	5	14	8.7	18.0	6.3	40	5.0	7.0	4.5	6	51	3.5	4.3	3.6
					10	29	6.3	6.3	19	8.7	7.3	6	10	10.4	21.6	7.6	28	6.0	8.4	5.4	7	38	4.0	5.2	4.4
	WFL	60°	5000	1430	2	358	2.3	2.3	232	3.5	2.7	1	179	1.7	**	2.3	506	1.0	3.5	1.6	2	232	1.2	1.7	1.3
					3	159	3.5	3.5	103	5.2	4.0	2	45	3.5	**	4.6	126	2.0	6.9	3.3	3	103	1.7	3.5	2.7
					4	89	4.6	4.6	58	6.9	5.3	3	20	5.2	**	6.9	56	3.0	10.4	4.9	4	58	2.3	5.2	4.0
					6	40	6.9	6.9	26	10.4	8.0	4	11	6.9	**	9.2	32	4.0	13.9	6.5	5	37	2.9	6.9	5.3
					8	22	9.2	9.2	15	13.9	10.7	5	7	8.7	**	11.5	20	5.0	17.3	8.2	6	26	3.5	8.7	6.7
71W MR16	SP	15°	4000	11500	6	319	1.6	1.6	207	2.1	1.8	3	160	5.2	3.3	1.6	452	3.0	1.6	1.1	6	207	3.5	1.1	0.9
Halogen					8	180	2.1	2.1	117	2.8	2.4	4	90	6.9	4.4	2.1	254	4.0	2.1	1.5	7	152	4.0	1.4	1.2
					10	115	2.6	2.6	75	3.5	3.0	5	58	8.7	5.6	2.6	163	5.0	2.7	1.9	8	117	4.6	1.8	1.5
					12	80	3.2	3.2	52	4.2	3.6	6	40	10.4	6.7	3.2	113	6.0	3.2	2.2	9	92	5.2	2.1	1.8
					14	59	3.7	3.7	38	4.9	4.3	7	29	12.1	7.8	3.7	83	7.0	3.8	2.6	10	75	5.8	2.5	2.1
	NFL	25°	4000	5500	4	344	1.8	1.8	223	2.4	2.0	2	172	3.5	4.2	1.8	486	2.0	1.9	1.3	4	223	2.3	1.2	1.0
					6	153	2.7	2.7	99	3.6	3.1	3	76	5.2	6.2	2.7	216	3.0	2.8	1.9	5	143	2.9	1.8	1.5
					8	86	3.5	3.5	56	4.8	4.1	4	43	6.9	8.3	3.5	122	4.0	3.7	2.5	6	99	3.5	2.4	2.0
					10	55	4.4	4.4	36	6.0	5.1	5	28	8.7	10.4	4.4	78	5.0	4.7	3.1	7	73	4.0	3.0	2.6
					12	38	5.3	5.3	25	7.2	6.1	6	19	10.4	12.5	5.3	54	6.0	5.6	3.8	8	56	4.6	3.6	3.1
	FL	40°	4000	2200	3	244	2.2	2.2	159	3.0	2.5	2	69	3.5	9.7	2.9	194	2.0	3.4	2.1	3	159	1.7	2.0	1.7
					4	138	2.9	2.9	89	4.1	3.4	3	31	5.2	14.5	4.4	86	3.0	5.0	3.1	4	89	2.3	3.0	2.5
					6	61	4.4	4.4	40	6.1	5.0	4	17	6.9	19.3	5.8	49	4.0	6.7	4.1	5	57	2.9	4.1	3.4
					8	34	5.8	5.8	22	8.1	6.7	5	11	8.7	24.2	7.3	31	5.0	8.4	5.1	6	40	3.5	5.1	4.2
					10	22	7.3	7.3	14	10.2	8.4	6	8	10.4	**	8.7	22	6.0	10.1	6.2	7	29	4.0	6.1	5.0
35W PAR36	VNSP	5°	4000	25000	8	391	0.7	0.7	254	0.9	0.8	4	195	6.9	1.4	0.7	552	4.0	0.7	0.5	6	451	3.5	0.5	0.4
Halogen					10	250	0.9	0.9	162	1.2	1.0	5	125	8.7	1.8	0.9	354	5.0	0.9	0.6	8	254	4.6	0.6	0.5
					12	174	1.0	1.0	113	1.4	1.2	6	87	10.4	2.1	1.0	246	6.0	1.0	0.7	10	162	5.8	0.7	0.6
					14	128	1.2	1.2	83	1.6	1.4	7	64	12.1	2.5	1.2	180	7.0	1.2	0.9	12	113	6.9	0.8	0.7
					16	98	1.4	1.4	63	1.9	1.6	8	49	13.9	2.8	1.4	138	8.0	1.4	1.0	14	83	8.1	0.9	0.8
	NSP	8°	4000	8000	6	222	0.8	0.8	144	1.1	1.0	2	250	3.5	1.1	0.6	707	2.0	0.6	0.4	4	325	2.3	0.4	0.3
					8	125	1.1	1.1	81	1.5	1.3	3	111	5.2	1.7	0.8	314	3.0	0.8	0.6	5	208	2.9	0.6	0.5
					10	80	1.4	1.4	52	1.9	1.6	4	63	6.9	2.3	1.1	177	4.0	1.1	0.8	6	144	3.5	0.7	0.6
					12	56	1.7	1.7	36	2.2	1.9	5	40	8.7	2.8	1.4	113	5.0	1.4	1.0	7	106	4.0	0.9	0.8
					14	41	2.0	2.0	27	2.6	2.3	6	28	10.4	3.4	1.7	79	6.0	1.7	1.2	8	81	4.6	1.1	1.0
	FL	30°	4000	900	4	56	2.1	2.1	37	2.9	2.5	1	113	1.7	2.7	1.1	318	1.0	1.2	0.8	2	146	1.2	0.7	0.6
					6	25	3.2	3.2	16	4.4	3.7	2	28	3.5	5.5	2.1	80	2.0	2.3	1.5	3	65	1.7	1.5	1.2
					8	14	4.3	4.3	9	5.9	5.0	3	13	5.2	8.2	3.2	35	3.0	3.5	2.3	4	37	2.3	2.2	1.9
					10	9	5.4	5.4	6	7.3	6.2	4	7	6.9	10.9	4.3	20	4.0	4.6	3.0	5	23	2.9	2.9	2.5
					12	6	6.4	6.4	4	8.8	7.4	5	5	8.7	13.7	5.4	13	5.0	5.8	3.8	6	16	3.5	3.7	3.1
50W PAR36	VNSP	5°	4000	39000	8	609	0.7	0.7	396	0.9	0.8	4	305	6.9	1.4	0.7	862	4.0	0.7	0.5	6	704	3.5	0.5	0.4
Halogen					10	390	0.9	0.9	253	1.2	1.0	5	195	8.7	1.8	0.9	552	5.0	0.9	0.6	8	396	4.6	0.6	0.5
					12	271	1.0	1.0	176	1.4	1.2	6	135	10.4	2.1	1.0	383	6.0	1.0	0.7	10	253	5.8	0.7	0.6
					14	199	1.2	1.2	129	1.6	1.4	7	99	12.1	2.5	1.2	281	7.0	1.2	0.9	12	176	6.9	0.8	0.7
					16	152	1.4	1.4	99	1.9	1.6	8	76	13.9	2.8	1.4	215	8.0	1.4	1.0	14	129	8.1	0.9	0.8
	NSP	8°	4000	10000	6	278	0.8	0.8	180	1.1	1.0	2	313	3.5	1.1	0.6	884	2.0	0.6	0.4	4	406	2.3	0.4	0.3
					8	156	1.1	1.1	101	1.5	1.3	3	139	5.2	1.7	0.8	393	3.0	0.8	0.6	5	260	2.9	0.6	0.5
					10	100	1.4	1.4	65	1.9	1.6	4	78	6.9	2.3	1.1	221	4.0	1.1	0.8	6	180	3.5	0.7	0.6
					12	69	1.7	1.7	45	2.2	1.9	5	50	8.7	2.8	1.4	141	5.0	1.4	1.0	7	133	4.0	0.9	0.8
					14	51	2.0	2.0	33	2.6	2.3	6	35	10.4	3.4	1.7	98	6.0	1.7	1.2	8	101	4.6	1.1	1.0
	FL	30°	4000	1300	4	81	2.1	2.1	53	2.9	2.5	1	163	1.7	2.7	1.1	460	1.0	1.2	0.8	2	211	1.2	0.7	0.6
					6	36	3.2	3.2	23	4.4	3.7	2	41	3.5	5.5	2.1	115	2.0	2.3	1.5	3	94	1.7	1.5	1.2
					8	20	4.3	4.3	13	5.9	5.0	3	18	5.2	8.2	3.2	51	3.0	3.5	2.3	4	53	2.3	2.2	1.9
					10	13	5.4	5.4	8	7.3	6.2	4	10	6.9	10.9	4.3	29	4.0	4.6	3.0	5	34	2.9	2.9	2.5
					12	9	6.4	6.4	6	8.8	7.4	5	7	8.7	13.7	5.4	18	5.0	5.8	3.8	6	23	3.5	3.7	3.1

** Due to steep aiming angle, length of beam extends beyond 25'.
Each angle listed is measured from 0° vertical.

Lamp	Beam Type	Beam Spread	Rated Life	CBCP	Horizontal Surface 0 degrees MH	FC	L	W	30 degrees FC	L	W	Vertical Surface 30 degrees D	FC	X	L	W	45 degrees FC	X	L	W	60 degrees D	FC	X	L	W
35W AR111	VNSP	4°	3000	40000	10	400	0.7	0.7	260	0.9	0.8	5	200	8.7	1.4	0.7	566	5.0	0.7	0.5	8	406	4.6	0.5	0.4
Halogen					12	278	0.8	0.8	180	1.1	1.0	6	139	10.4	1.7	0.8	393	6.0	0.8	0.6	10	260	5.8	0.6	0.5
					14	204	1.0	1.0	133	1.3	1.1	7	102	12.1	2.0	1.0	289	7.0	1.0	0.7	12	180	6.9	0.7	0.6
					16	156	1.1	1.1	101	1.5	1.3	8	78	13.9	2.2	1.1	221	8.0	1.1	0.8	14	133	8.1	0.7	0.6
					18	123	1.3	1.3	80	1.7	1.5	9	62	15.6	2.5	1.3	175	9.0	1.3	0.9	16	101	9.2	0.8	0.7
	NSP	8°	3000	14000	8	219	1.1	1.1	142	1.5	1.3	3	194	5.2	1.7	0.8	550	3.0	0.8	0.6	6	253	3.5	0.6	0.5
					10	140	1.4	1.4	91	1.9	1.6	4	109	6.9	2.3	1.1	309	4.0	1.1	0.8	7	186	4.0	0.7	0.6
					12	97	1.7	1.7	63	2.2	1.9	5	70	8.7	2.8	1.4	198	5.0	1.4	1.0	8	142	4.6	0.9	0.8
					14	71	2.0	2.0	46	2.6	2.3	6	49	10.4	3.4	1.7	137	6.0	1.7	1.2	9	112	5.2	1.1	1.0
					16	55	2.2	2.2	36	3.0	2.6	7	36	12.1	4.0	2.0	101	7.0	2.0	1.4	10	91	5.8	1.3	1.1
	FL	25°	3000	2500	4	156	1.8	1.8	101	2.4	2.0	2	78	3.5	4.2	1.8	221	2.0	1.9	1.3	4	101	2.3	1.2	1.0
					6	69	2.7	2.7	45	3.6	3.1	3	35	5.2	6.2	2.7	98	3.0	2.8	1.9	5	65	2.9	1.8	1.5
					8	39	3.5	3.5	25	4.8	4.1	4	20	6.9	8.3	3.5	55	4.0	3.7	2.5	6	45	3.5	2.4	2.0
					10	25	4.4	4.4	16	6.0	5.1	5	13	8.7	10.4	4.4	35	5.0	4.7	3.1	7	33	4.0	3.0	2.6
					12	17	5.3	5.3	11	7.2	6.1	6	9	10.4	12.5	5.3	25	6.0	5.6	3.8	8	25	4.6	3.6	3.1
50W AR111	VNSP	4°	3000	45000	10	450	0.7	0.7	292	0.9	0.8	5	225	8.7	1.4	0.7	636	5.0	0.7	0.5	8	457	4.6	0.5	0.4
Halogen					12	313	0.8	0.8	203	1.1	1.0	6	156	10.4	1.7	0.8	442	6.0	0.8	0.6	10	292	5.8	0.6	0.5
					14	230	1.0	1.0	149	1.3	1.1	7	115	12.1	2.0	1.0	325	7.0	1.0	0.7	12	203	6.9	0.7	0.6
					16	176	1.1	1.1	114	1.5	1.3	8	88	13.9	2.2	1.1	249	8.0	1.1	0.8	14	149	8.1	0.7	0.6
					18	139	1.3	1.3	90	1.7	1.5	9	69	15.6	2.5	1.3	196	9.0	1.3	0.9	16	114	9.2	0.8	0.7
	SP	8°	3000	20000	8	313	1.1	1.1	203	1.5	1.3	4	156	6.9	2.3	1.1	442	4.0	1.1	0.8	6	361	3.5	0.7	0.6
					10	200	1.4	1.4	130	1.9	1.6	5	100	8.7	2.8	1.4	283	5.0	1.4	1.0	7	265	4.0	0.9	0.8
					12	139	1.7	1.7	90	2.2	1.9	6	69	10.4	3.4	1.7	196	6.0	1.7	1.2	8	203	4.6	1.1	1.0
					14	102	2.0	2.0	66	2.6	2.3	7	51	12.1	4.0	2.0	144	7.0	2.0	1.4	9	160	5.2	1.3	1.1
					16	78	2.2	2.2	51	3.0	2.6	8	39	13.9	4.5	2.2	110	8.0	2.2	1.6	10	130	5.8	1.5	1.3
	FL	25°	3000	4000	4	250	1.8	1.8	162	2.4	2.0	2	125	3.5	4.2	1.8	354	2.0	1.9	1.3	4	162	2.3	1.2	1.0
					6	111	2.7	2.7	72	3.6	3.1	3	56	5.2	6.2	2.7	157	3.0	2.8	1.9	5	104	2.9	1.8	1.5
					8	63	3.5	3.5	41	4.8	4.1	4	31	6.9	8.3	3.5	88	4.0	3.7	2.5	6	72	3.5	2.4	2.0
					10	40	4.4	4.4	26	6.0	5.1	5	20	8.7	10.4	4.4	57	5.0	4.7	3.1	7	53	4.0	3.0	2.6
					12	28	5.3	5.3	18	7.2	6.1	6	14	10.4	12.5	5.3	39	6.0	5.6	3.8	8	41	4.6	3.6	3.1
75W AR111	NSP	8°	3000	30000	10	300	1.4	1.4	195	1.9	1.6	5	150	8.7	2.8	1.4	424	5.0	1.4	1.0	8	304	4.6	0.9	0.8
Halogen					12	208	1.7	1.7	135	2.2	1.9	6	104	10.4	3.4	1.7	295	6.0	1.7	1.2	10	195	5.8	1.1	1.0
					14	153	2.0	2.0	99	2.6	2.3	7	77	12.1	4.0	2.0	216	7.0	2.0	1.4	12	135	6.9	1.3	1.1
					16	117	2.2	2.2	76	3.0	2.6	8	59	13.9	4.5	2.2	166	8.0	2.2	1.6	14	99	8.1	1.5	1.3
					18	93	2.5	2.5	60	3.4	2.9	9	46	15.6	5.1	2.5	131	9.0	2.5	1.8	16	76	9.2	1.7	1.5
	FL	25°	3000	5300	6	147	2.7	2.7	96	3.6	3.1	3	74	5.2	6.2	2.7	208	3.0	2.8	1.9	6	96	3.5	1.8	1.5
					8	83	3.5	3.5	54	4.8	4.1	4	41	6.9	8.3	3.5	117	4.0	3.7	2.5	7	70	4.0	2.4	2.0
					10	53	4.4	4.4	34	6.0	5.1	5	27	8.7	10.4	4.4	75	5.0	4.7	3.1	8	54	4.6	3.0	2.6
					12	37	5.3	5.3	24	7.2	6.1	6	18	10.4	12.5	5.3	52	6.0	5.6	3.8	9	42	5.2	3.6	3.1
					14	27	6.2	6.2	18	8.4	7.2	7	14	12.1	14.6	6.2	38	7.0	6.5	4.4	10	34	5.8	4.2	3.6
	WFL	45°	3000	2000	4	125	3.3	3.3	81	4.7	3.8	2	63	3.5	13.7	3.3	177	2.0	4.0	2.3	4	81	2.3	2.3	1.9
					6	56	5.0	5.0	36	7.0	5.7	3	28	5.2	20.5	5.0	79	3.0	6.0	3.5	5	52	2.9	3.5	2.9
					8	31	6.6	6.6	20	9.4	7.7	4	16	6.9	**	6.6	44	4.0	8.0	4.7	6	36	3.5	4.7	3.8
					10	20	8.3	8.3	13	11.7	9.6	5	10	8.7	**	8.3	28	5.0	10.0	5.9	7	27	4.0	5.9	4.8
					12	14	9.9	9.9	9	14.1	11.5	6	7	10.4	**	9.9	20	6.0	12.0	7.0	8	20	4.6	7.0	5.7

** Due to steep aiming angle, length of beam extends beyond 25'.
Each angle listed is measured from 0° vertical.

Lamp	Beam Type	Beam Spread	Rated Life	CBCP	Horizontal Surface 0 degrees MH	FC	L	W	30 degrees FC	L	W	Vertical Surface 30 degrees D	FC	X	L	W	45 degrees FC	X	L	W	60 degrees D	FC	X	L	W
20W MR16	SP	12°	12000	9000	10	90	2.1	2.1	58	2.8	2.4	4	70	6.9	3.5	1.7	199	4.0	1.7	1.2	6	162	3.5	1.1	1.0
Ceramic					12	63	2.5	2.5	41	3.4	2.9	6	31	10.4	5.2	2.5	88	6.0	2.6	1.8	9	72	5.2	1.7	1.5
Metal Halide					14	46	2.9	2.9	30	3.9	3.4	8	18	13.9	7.0	3.4	50	8.0	3.4	2.4	12	41	6.9	2.3	1.9
					16	35	3.4	3.4	23	4.5	3.9	10	11	17.3	8.7	4.2	32	10.0	4.3	3.0	15	26	8.7	2.8	2.4
					18	28	3.8	3.8	18	5.1	4.4	12	8	20.8	10.4	5.0	22	12.0	5.1	3.6	18	18	10.4	3.4	2.9
	NFL	25°	12000	2900	8	45	3.5	3.5	29	4.8	4.1	2	91	3.5	4.2	1.8	256	2.0	1.9	1.3	3	209	1.7	1.2	1.0
					10	29	4.4	4.4	19	6.0	5.1	4	23	6.9	8.3	3.5	64	4.0	3.7	2.5	4	118	2.3	2.4	2.0
					12	20	5.3	5.3	13	7.2	6.1	6	10	10.4	12.5	5.3	28	6.0	5.6	3.8	6	52	3.5	3.6	3.1
					14	15	6.2	6.2	10	8.4	7.2	8	6	13.9	16.6	7.1	16	8.0	7.5	5.0	8	29	4.6	4.8	4.1
					16	11	7.1	7.1	7	9.6	8.2	10	4	17.3	20.8	8.9	10	10.0	9.3	6.3	10	19	5.8	6.0	5.1
	FL	40°	12000	1500	8	23	5.8	5.8	15	8.1	6.7	2	47	3.5	9.7	2.9	133	2.0	3.4	2.1	2	244	1.2	2.0	1.7
					10	15	7.3	7.3	10	10.2	8.4	3	21	5.2	14.5	4.4	59	3.0	5.0	3.1	3	108	1.7	3.0	2.5
					12	10	8.7	8.7	7	12.2	10.1	4	12	6.9	19.3	5.8	33	4.0	6.7	4.1	4	61	2.3	4.1	3.4
					14	8	10.2	10.2	5	14.2	11.8	5	8	8.7	24.2	7.3	21	5.0	8.4	5.1	5	39	2.9	5.1	4.2
					16	6	11.6	11.6	4	16.2	13.4	6	5	10.4	**	8.7	15	6.0	10.1	6.2	6	27	3.5	6.1	5.0
39W MR16	SP	12°	12000	16000	10	160	2.1	2.1	104	2.8	2.4	4	125	6.9	3.5	1.7	354	4.0	1.7	1.2	6	289	3.5	1.1	1.0
Ceramic					12	111	2.5	2.5	72	3.4	2.9	6	56	10.4	5.2	2.5	157	6.0	2.6	1.8	9	128	5.2	1.7	1.5
Metal Halide					14	82	2.9	2.9	53	3.9	3.4	8	31	13.9	7.0	3.4	88	8.0	3.4	2.4	12	72	6.9	2.3	1.9
					16	63	3.4	3.4	41	4.5	3.9	10	20	17.3	8.7	4.2	57	10.0	4.3	3.0	15	46	8.7	2.8	2.4
					18	49	3.8	3.8	32	5.1	4.4	12	14	20.8	10.4	5.0	39	12.0	5.1	3.6	18	32	10.4	3.4	2.9
	NFL	25°	12000	5500	8	86	3.5	3.5	56	4.8	4.1	2	172	3.5	4.2	1.8	486	2.0	1.9	1.3	4	223	2.3	1.2	1.0
					10	55	4.4	4.4	36	6.0	5.1	4	43	6.9	8.3	3.5	122	4.0	3.7	2.5	6	99	3.5	2.4	2.0
					12	38	5.3	5.3	25	7.2	6.1	6	19	10.4	12.5	5.3	54	6.0	5.6	3.8	8	56	4.6	3.6	3.1
					14	28	6.2	6.2	18	8.4	7.2	8	11	13.9	16.6	7.1	30	8.0	7.5	5.0	10	36	5.8	4.8	4.1
					16	21	7.1	7.1	14	9.6	8.2	10	7	17.3	20.8	8.9	19	10.0	9.3	6.3	12	25	6.9	6.0	5.1
	FL	40°	12000	3000	8	47	5.8	5.8	30	8.1	6.7	2	94	3.5	9.7	2.9	265	2.0	3.4	2.1	3	217	1.7	2.0	1.7
					10	30	7.3	7.3	19	10.2	8.4	3	42	5.2	14.5	4.4	118	3.0	5.0	3.1	4	122	2.3	3.0	2.5
					12	21	8.7	8.7	14	12.2	10.1	4	23	6.9	19.3	5.8	66	4.0	6.7	4.1	5	78	2.9	4.1	3.4
					14	15	10.2	10.2	10	14.2	11.8	5	15	8.7	24.2	7.3	42	5.0	8.4	5.1	6	54	3.5	5.1	4.2
					16	12	11.6	11.6	8	16.2	13.4	6	10	10.4	**	8.7	29	6.0	10.1	6.2	7	40	4.0	6.1	5.0
20W PAR20	SP	8°	9000	18000	10	180	1.4	1.4	117	1.9	1.6	4	141	6.9	2.3	1.1	398	4.0	1.1	0.8	6	325	3.5	0.7	0.6
Ceramic					12	125	1.7	1.7	81	2.2	1.9	6	63	10.4	3.4	1.7	177	6.0	1.7	1.2	9	144	5.2	1.1	1.0
Metal Halide					14	92	2.0	2.0	60	2.6	2.3	8	35	13.9	4.5	2.2	99	8.0	2.2	1.6	12	81	6.9	1.5	1.3
					16	70	2.2	2.2	46	3.0	2.6	10	23	17.3	5.7	2.8	64	10.0	2.8	2.0	15	52	8.7	1.9	1.8
					18	56	2.5	2.5	36	3.4	2.9	12	16	20.8	6.8	3.4	44	12.0	3.4	2.4	18	36	10.4	2.2	1.9
	FL	30°	9000	2800	4	175	2.1	2.1	114	2.9	2.5	2	88	3.5	5.5	2.1	247	2.0	2.3	1.5	4	114	2.3	1.5	1.2
					6	78	3.2	3.2	51	4.4	3.7	4	22	6.9	10.9	4.3	62	4.0	4.6	3.0	6	51	3.5	2.9	2.5
					8	44	4.3	4.3	28	5.9	5.0	6	10	10.4	16.4	6.4	27	6.0	6.9	4.5	8	28	4.6	4.4	3.7
					10	28	5.4	5.4	18	7.3	6.2	8	5	13.9	21.9	8.6	15	8.0	9.2	6.1	10	18	5.8	5.9	5.0
					12	19	6.4	6.4	13	8.8	7.4	10	4	17.3	**	10.7	10	10.0	11.5	7.6	12	13	6.9	7.3	6.2
39W PAR20	SP	10°	9000	23000	10	230	1.7	1.7	149	2.3	2.0	4	180	6.9	2.9	1.4	508	4.0	1.4	1.0	6	415	3.5	0.9	0.8
Ceramic					12	160	2.1	2.1	104	2.8	2.4	6	80	10.4	1.3	2.1	226	6.0	2.1	1.5	9	184	5.2	1.4	1.2
Metal Halide					14	117	2.4	2.4	76	3.3	2.8	8	45	13.9	5.7	2.8	127	8.0	2.8	2.0	12	104	6.9	1.9	1.6
					16	90	2.8	2.8	58	3.7	3.2	10	29	17.3	7.2	3.5	81	10.0	3.5	2.5	15	66	8.7	2.3	2.0
					18	71	3.1	3.1	46	4.2	3.6	12	20	20.8	8.6	4.2	56	12.0	4.2	3.0	18	46	10.4	2.8	2.4
	FL	30°	9000	5000	6	139	3.2	3.2	90	4.4	3.7	2	156	3.5	5.5	2.1	442	2.0	2.3	1.5	4	203	2.3	1.5	1.2
					7	102	3.8	3.8	66	5.1	4.3	4	39	6.9	10.9	4.3	110	4.0	4.6	3.0	6	90	3.5	2.9	2.5
					8	78	4.3	4.3	51	5.9	5.0	6	17	10.4	16.4	6.4	49	6.0	6.9	4.5	8	51	4.6	4.4	3.7
					9	62	4.8	4.8	40	6.6	5.6	8	10	13.9	21.9	8.6	28	8.0	9.2	6.1	10	32	5.8	5.9	5.0
					10	50	5.4	5.4	32	7.3	6.2	10	6	17.3	**	10.7	18	10.0	11.5	7.6	12	23	6.9	7.3	6.2
20W PAR30L	SP	10°	9000	19800	8	309	1.4	1.4	201	1.9	1.6	3	275	5.2	2.1	1.0	778	3.0	1.1	0.7	6	357	3.5	0.7	0.6
Ceramic					10	198	1.7	1.7	129	2.3	2.0	4	155	6.9	2.9	1.4	438	4.0	1.4	1.0	8	201	4.6	0.9	0.8
Metal Halide					12	138	2.1	2.1	89	2.8	2.4	6	69	10.4	4.3	2.1	194	6.0	2.1	1.5	10	129	5.8	1.4	1.2
					14	101	2.4	2.4	66	3.3	2.8	8	39	13.9	5.7	2.8	109	8.0	2.8	2.0	12	89	6.9	1.9	1.6
					16	77	2.8	2.8	50	3.7	3.2	10	25	17.3	7.2	3.5	70	10.0	3.5	2.5	14	66	8.1	2.3	2.0
	SP	15°	9000	14500	8	227	2.1	2.1	147	2.8	2.4	3	201	5.2	3.3	1.6	570	3.0	1.6	1.1	6	262	3.5	1.1	0.9
					10	145	2.6	2.6	94	3.5	3.0	4	113	6.9	4.4	2.1	320	4.0	2.1	1.5	8	147	4.6	1.4	1.2
					12	101	3.2	3.2	65	4.2	3.6	6	50	10.4	6.7	3.2	142	6.0	3.2	2.2	10	94	5.8	2.1	1.8
					14	74	3.7	3.7	48	4.9	4.3	8	28	13.9	8.9	4.2	80	8.0	4.3	3.0	12	65	6.9	2.8	2.4
					16	57	4.2	4.2	37	5.6	4.9	10	18	17.3	11.1	5.3	51	10.0	5.4	3.7	14	48	8.1	3.5	3.0
	FL	25°	9000	4900	4	306	1.8	1.8	199	2.4	2.0	2	153	3.5	4.2	1.8	433	2.0	1.9	1.3	3	354	1.7	1.2	1.0
					6	136	2.7	2.7	88	3.6	3.1	3	68	5.2	6.2	2.7	192	3.0	2.8	1.9	4	199	2.3	1.8	1.5
					8	77	3.5	3.5	50	4.8	4.1	4	38	6.9	8.3	3.5	108	4.0	3.7	2.5	5	127	2.9	2.4	2.0
					10	49	4.4	4.4	32	6.0	5.1	5	25	8.7	10.4	4.4	69	5.0	4.7	3.1	6	88	3.5	3.0	2.6
					12	34	5.3	5.3	22	7.2	6.1	6	17	10.4	12.5	5.3	48	6.0	5.6	3.8	7	65	4.0	3.6	3.1

** Due to steep aiming angle, length of beam extends beyond 25'.
Each angle listed is measured from 0° vertical.

Lamp	Beam Type	Beam Spread	Rated Life	CBCP	Horizontal Surface 0 degrees MH	FC	L	W	30 degrees FC	L	W	Vertical Surface 30 degrees D	FC	X	L	W	45 degrees FC	X	L	W	60 degrees D	FC	X	L	W
39W PAR30L	SP	10°	9000	44000	10	440	1.7	1.7	286	2.3	2.0	4	344	6.9	2.9	1.4	972	4.0	1.4	1.0	6	794	3.5	0.9	0.8
Ceramic					12	306	2.1	2.1	198	2.8	2.4	6	153	10.4	4.3	2.1	432	6.0	2.1	1.5	9	353	5.2	1.4	1.2
Metal Halide					14	224	2.4	2.4	146	3.3	2.8	8	86	13.9	5.7	2.8	243	8.0	2.8	2.0	12	198	6.9	1.9	1.6
					16	172	2.8	2.8	112	3.7	3.2	10	55	17.3	7.2	3.5	156	10.0	3.5	2.5	15	127	8.7	2.3	2.0
					18	136	3.1	3.1	88	4.2	3.6	12	38	20.8	8.6	4.2	108	12.0	4.2	3.0	18	88	10.4	2.8	2.4
	FL	30°	9000	7400	6	206	3.2	3.2	134	4.4	3.7	2	231	3.5	5.5	2.1	654	2.0	2.3	1.5	4	300	2.3	1.5	1.2
					8	116	4.3	4.3	75	5.9	5.0	4	58	6.9	10.9	4.3	164	4.0	4.6	3.0	6	134	3.5	2.9	2.5
					10	74	5.4	5.4	48	7.3	6.2	6	26	10.4	16.4	6.4	73	6.0	6.9	4.5	8	75	4.6	4.4	3.7
					12	51	6.4	6.4	33	8.8	7.4	8	14	13.9	21.9	8.6	41	8.0	9.2	6.1	10	48	5.8	5.9	5.0
					14	38	7.5	7.5	25	10.2	8.7	10	9	17.3	**	10.7	26	10.0	11.5	7.6	12	33	6.9	7.3	6.2
70W PAR30L	SP	10°	11000	68000	10	680	1.7	1.7	442	2.3	2.0	6	236	10.4	4.3	2.1	668	6.0	2.1	1.5	9	545	5.2	1.4	1.2
Ceramic					14	347	2.4	2.4	225	3.3	2.8	8	133	13.9	5.7	2.8	376	8.0	2.8	2.0	12	307	6.9	1.9	1.6
Metal Halide					18	210	3.1	3.1	136	4.2	3.6	10	85	17.3	7.2	3.5	240	10.0	3.5	2.5	15	196	8.7	2.3	2.0
					22	140	3.8	3.8	91	5.1	4.4	12	59	20.8	8.6	4.2	167	12.0	4.2	3.0	18	136	10.4	2.8	2.4
					24	118	4.2	4.2	77	5.6	4.8	14	43	24.2	10.0	1.9	123	14.0	4.9	3.5	21	100	12.1	3.3	2.8
	FL	40°	11000	10000	6	278	4.4	4.4	180	6.1	5.0	2	313	3.5	9.7	2.9	884	2.0	3.4	2.1	3	722	1.7	2.0	1.7
					8	156	5.8	5.8	101	8.1	6.7	3	139	5.2	14.5	4.4	393	3.0	5.0	3.1	4	406	2.3	3.0	2.5
					10	100	7.3	7.3	65	10.2	8.4	4	78	6.9	19.3	5.8	221	4.0	6.7	4.1	5	260	2.9	4.1	3.4
					12	69	8.7	8.7	45	12.2	10.1	5	50	8.7	24.2	7.3	141	5.0	8.4	5.1	6	180	3.5	5.1	4.2
					14	51	10.2	10.2	33	14.2	11.8	6	35	10.4	**	8.7	98	6.0	10.1	6.2	7	133	4.0	6.1	5.0
70W PAR38	SP	15°	12000	40000	10	400	2.6	2.6	260	3.5	3.0	4	313	6.9	4.4	2.1	884	4.0	2.1	1.5	6	722	3.5	1.4	1.2
Ceramic					12	278	3.2	3.2	180	4.2	3.6	6	139	10.4	6.7	3.2	393	6.0	3.2	2.2	9	321	5.2	2.1	1.8
Metal Halide					14	204	3.7	3.7	133	4.9	4.3	8	78	13.9	8.9	4.2	221	8.0	4.3	3.0	12	180	6.9	2.8	2.4
					16	156	4.2	4.2	101	5.6	4.9	10	50	17.3	11.1	5.3	141	10.0	5.4	3.7	15	115	8.7	3.5	3.0
					18	123	4.7	4.7	80	6.4	5.5	12	35	20.8	13.3	6.3	98	12.0	6.4	4.5	18	80	10.4	4.2	3.6
	FL	25°	12000	16000	8	250	3.5	3.5	162	4.8	4.1	2	500	3.5	4.2	1.8	1414	2.0	1.9	1.3	4	650	2.3	1.2	1.0
					10	160	4.4	4.4	104	6.0	5.1	4	125	6.9	8.3	3.5	354	4.0	3.7	2.5	6	289	3.5	2.4	2.0
					12	111	5.3	5.3	72	7.2	6.1	6	56	10.4	12.5	5.3	157	6.0	5.6	3.8	8	162	4.6	3.6	3.1
					14	82	6.2	6.2	53	8.4	7.2	8	31	13.9	16.6	7.1	88	8.0	7.5	5.0	10	104	5.8	4.8	4.1
					16	63	7.1	7.1	41	9.6	8.2	10	20	17.3	20.8	8.9	57	10.0	9.3	6.3	12	72	6.9	6.0	5.1
	WFL	65°	12000	3500	4	219	5.1	5.1	142	7.9	5.9	1	438	1.7	**	2.5	1237	1.0	4.3	1.8	2	568	1.2	2.0	1.5
					6	97	7.6	7.6	63	11.8	8.8	2	109	3.5	**	5.1	309	2.0	8.6	3.6	3	253	1.7	3.9	2.9
					8	55	10.2	10.2	36	15.7	11.8	3	49	5.2	**	7.6	137	3.0	12.9	5.4	4	142	2.3	5.9	4.4
					10	35	12.7	12.7	23	19.6	14.7	4	27	6.9	**	10.2	77	4.0	17.2	7.2	5	91	2.9	7.9	5.9
					12	24	15.3	15.3	16	**	17.7	5	18	8.7	**	12.7	49	5.0	**	9.0	6	63	3.5	9.8	7.4
100W PAR38	SP	15°	12000	58000	10	580	2.6	2.6	377	3.5	3.0	4	453	6.9	4.4	2.1	1282	4.0	2.1	1.5	6	1046	3.5	1.4	1.2
Ceramic					12	296	3.7	3.7	192	4.9	4.3	6	113	13.9	8.9	4.2	320	8.0	4.3	3.0	8	589	4.6	2.8	2.4
Metal Halide					14	179	4.7	4.7	116	6.4	5.5	8	73	17.3	11.1	5.3	205	10.0	5.4	3.7	12	262	6.9	3.5	3.0
					16	120	5.8	5.8	78	7.8	6.7	10	50	20.8	13.3	6.3	142	12.0	6.4	4.5	16	147	9.2	4.2	3.6
					18	86	6.8	6.8	56	9.2	7.9	12	28	**	17.8	8.4	80	16.0	8.6	6.0	20	94	11.5	5.6	4.9
	FL	25°	12000	25000	8	391	3.5	3.5	254	4.8	4.1	3	347	5.2	6.2	2.7	982	3.0	2.8	1.9	4	1015	2.3	1.8	1.5
					10	250	4.4	4.4	162	6.0	5.1	4	195	6.9	8.3	3.5	552	4.0	3.7	2.5	5	650	2.9	2.4	2.0
					12	174	5.3	5.3	113	7.2	6.1	6	87	10.4	12.5	5.3	246	6.0	5.6	3.8	6	451	3.5	3.6	3.1
					14	128	6.2	6.2	83	8.4	7.2	8	49	13.9	16.6	7.1	138	8.0	7.5	5.0	8	254	4.6	4.8	4.1
					16	98	7.1	7.1	63	9.6	8.2	10	31	17.3	20.8	8.9	88	10.0	9.3	6.3	10	162	5.8	6.0	5.1
	WFL	60°	12000	6000	6	167	6.9	6.9	108	10.4	8.0	2	188	3.5	**	4.6	530	2.0	6.9	3.3	2	974	1.2	3.5	2.7
					8	94	9.2	9.2	61	13.9	10.7	3	83	5.2	**	6.9	236	3.0	10.4	4.9	3	433	1.7	5.2	4.0
					10	60	11.5	11.5	39	17.3	13.3	4	47	6.9	**	9.2	133	4.0	13.9	6.5	4	244	2.3	6.9	5.3
					12	42	13.9	13.9	27	20.8	16.0	5	30	8.7	**	11.5	85	5.0	17.3	8.2	5	156	2.9	8.7	6.7
					14	31	16.2	16.2	20	24.2	18.7	6	21	10.4	**	13.9	59	6.0	20.8	9.8	6	108	3.5	10.4	8.0
150W PAR38	SP	15°	12000	50000	10	500	2.6	2.6	325	3.5	3.0	4	391	6.9	4.4	2.1	1105	4.0	2.1	1.5	8	507	4.6	1.4	1.2
Ceramic					14	255	3.7	3.7	166	4.9	4.3	8	98	13.9	8.9	4.2	276	8.0	4.3	3.0	12	226	6.9	2.8	2.4
Metal Halide					18	154	4.7	4.7	100	6.4	5.5	10	63	17.3	11.1	5.3	177	10.0	5.4	3.7	16	127	9.2	3.5	3.0
					22	103	5.8	5.8	67	7.8	6.7	12	43	20.8	13.3	6.3	123	12.0	6.4	4.5	20	81	11.5	4.2	3.6
					26	74	6.8	6.8	48	9.2	7.9	16	24	**	17.8	8.4	69	16.0	8.6	6.0	24	56	13.9	5.6	4.9
	FL	25°	12000	28000	8	438	3.5	3.5	284	4.8	4.1	3	389	5.2	6.2	2.7	1100	3.0	2.8	1.9	6	505	3.5	1.2	1.0
					10	280	4.4	4.4	182	6.0	5.1	4	219	6.9	8.3	3.5	619	4.0	3.7	2.5	8	284	4.6	2.4	2.0
					12	194	5.3	5.3	126	7.2	6.1	6	97	10.4	12.5	5.3	275	6.0	5.6	3.8	10	182	5.8	3.6	3.1
					14	143	6.2	6.2	93	8.4	7.2	8	55	13.9	16.6	7.1	155	8.0	7.5	5.0	12	126	6.9	4.8	4.1
					16	109	7.1	7.1	71	9.6	8.2	10	35	17.3	20.8	8.9	99	10.0	9.3	6.3	14	93	8.1	6.0	5.1
	WFL	65°	12000	6500	6	181	7.6	7.6	117	11.8	8.8	2	203	3.5	**	5.1	575	2.0	8.6	3.6	3	469	1.7	3.9	2.9
					8	102	10.2	10.2	66	15.7	11.8	3	90	5.2	**	7.6	255	3.0	12.9	5.4	4	264	2.3	5.9	4.4
					10	65	12.7	12.7	42	19.6	14.7	4	51	6.9	**	10.2	144	4.0	17.2	7.2	5	169	2.9	7.9	5.9
					12	45	15.3	15.3	29	23.6	17.7	5	33	8.7	**	12.7	92	5.0	21.4	9.0	6	117	3.5	9.8	7.4
					14	33	17.8	17.8	22	**	20.6	6	23	10.4	**	15.3	64	6.0	**	10.8	7	86	4.0	11.8	8.8

** Due to steep aiming angle, length of beam extends beyond 25'.
Each angle listed is measured from 0° vertical.

Lamp	Beam Type	Beam Spread	Rated Life	CBCP	Horizontal Surface 0 degrees MH	FC	L	W	30 degrees FC	L	W	Vertical Surface 30 degrees D	FC	X	L	W	45 degrees FC	X	L	W	60 degrees D	FC	X	L	W
20W R-111	SP	10°	9000	20000	10	200	1.7	1.7	130	2.3	2.0	4	156	6.9	2.9	1.4	442	4.0	1.4	1.0	6	361	3.5	0.9	0.8
Ceramic					12	139	2.1	2.1	90	2.8	2.4	6	69	10.4	4.3	2.1	196	6.0	2.1	1.5	9	160	5.2	1.4	1.2
Metal Halide					14	102	2.4	2.4	66	3.3	2.8	8	39	13.9	5.7	2.8	110	8.0	2.8	2.0	12	90	6.9	1.9	1.6
					16	78	2.8	2.8	51	3.7	3.2	10	25	17.3	7.2	3.5	71	10.0	3.5	2.5	15	58	8.7	2.3	2.0
					18	62	3.1	3.1	40	4.2	3.6	12	17	20.8	8.6	4.2	49	12.0	4.2	3.0	18	40	10.4	2.8	2.4
	NFL	24°	9000	4500	8	70	3.4	3.4	46	4.6	3.9	2	141	3.5	3.9	1.7	398	2.0	1.8	1.2	4	183	2.3	1.2	1.0
					10	45	4.3	4.3	29	5.8	4.9	4	35	6.9	7.9	3.4	99	4.0	3.6	2.4	6	81	3.5	2.3	2.0
					12	31	5.1	5.1	20	6.9	5.9	6	16	10.4	11.8	5.1	44	6.0	5.3	3.6	8	46	4.6	3.5	2.9
					14	23	6.0	6.0	15	8.1	6.9	8	9	13.9	15.7	6.8	25	8.0	7.1	4.8	10	29	5.8	4.6	3.9
					16	18	6.8	6.8	11	9.2	7.9	10	6	17.3	19.7	8.5	16	10.0	8.9	6.0	12	20	6.9	5.8	4.9
39W R-111	SP	10°	9000	35000	10	350	1.7	1.7	227	2.3	2.0	4	273	6.9	2.9	1.4	773	4.0	1.4	1.0	6	631	3.5	0.9	0.8
Ceramic					12	243	2.1	2.1	158	2.8	2.4	6	122	10.4	4.3	2.1	344	6.0	2.1	1.5	9	281	5.2	1.4	1.2
Metal Halide					14	179	2.4	2.4	116	3.3	2.8	8	68	13.9	5.7	2.8	193	8.0	2.8	2.0	12	158	6.9	1.9	1.6
					16	137	2.8	2.8	89	3.7	3.2	10	44	17.3	7.2	3.5	124	10.0	3.5	2.5	15	101	8.7	2.3	2.0
					18	108	3.1	3.1	70	4.2	3.6	12	30	20.8	8.6	4.2	86	12.0	4.2	3.0	18	70	10.4	2.8	2.4
	NFL	24°	9000	8500	8	133	3.4	3.4	86	4.6	3.9	2	266	3.5	3.9	1.7	751	2.0	1.8	1.2	4	345	2.3	1.2	1.0
					10	85	4.3	4.3	55	5.8	4.9	4	66	6.9	7.9	3.4	188	4.0	3.6	2.4	6	153	3.5	2.3	2.0
					12	59	5.1	5.1	38	6.9	5.9	6	30	10.4	11.8	5.1	83	6.0	5.3	3.6	8	86	4.6	3.5	2.9
					14	43	6.0	6.0	28	8.1	6.9	8	17	13.9	15.7	6.8	47	8.0	7.1	4.8	10	55	5.8	4.6	3.9
					16	33	6.8	6.8	22	9.2	7.9	10	11	17.3	19.7	8.5	30	10.0	8.9	6.0	12	38	6.9	5.8	4.9
	FL	40°	9000	4000	8	63	5.8	5.8	41	8.1	6.7	2	125	3.5	9.7	2.9	354	2.0	3.4	2.1	3	289	1.7	2.0	1.7
					10	40	7.3	7.3	26	10.2	8.4	3	56	5.2	14.5	4.4	157	3.0	5.0	3.1	4	162	2.3	3.0	2.5
					12	28	8.7	8.7	18	12.2	10.1	4	31	6.9	19.3	5.8	88	4.0	6.7	4.1	5	104	2.9	4.1	3.4
					14	20	10.2	10.2	13	14.2	11.8	5	20	8.7	24.2	7.3	57	5.0	8.4	5.1	6	72	3.5	5.1	4.2
					16	16	11.6	11.6	10	16.2	13.4	6	14	10.4	**	8.7	39	6.0	10.1	6.1	7	53	4.0	6.1	5.0
70W R-111	SP	10°	9000	50000	10	500	1.7	1.7	325	2.3	2.0	4	391	6.9	2.9	1.4	1105	4.0	1.4	1.0	6	902	3.5	0.9	0.8
Ceramic					12	347	2.1	2.1	226	2.8	2.4	6	174	10.4	4.3	2.1	491	6.0	2.1	1.5	9	401	5.2	1.4	1.2
Metal Halide					14	255	2.4	2.4	166	3.3	2.8	8	98	13.9	5.7	2.8	276	8.0	2.8	2.0	12	226	6.9	1.9	1.6
					16	195	2.8	2.8	127	3.7	3.2	10	63	17.3	7.2	3.5	177	10.0	3.5	2.5	15	144	8.7	2.3	2.0
					18	154	3.1	3.1	100	4.2	3.6	12	43	20.8	8.6	4.2	123	12.0	4.2	3.0	18	100	10.4	2.8	2.4
	NFL	24°	9000	15000	8	234	3.4	3.4	152	4.6	3.9	2	469	3.5	3.9	1.7	1326	2.0	1.8	1.2	4	609	2.3	1.2	1.0
					10	150	4.3	4.3	97	5.8	4.9	4	117	6.9	7.9	3.4	331	4.0	3.6	2.4	6	271	3.5	2.3	2.0
					12	104	5.1	5.1	68	6.9	5.9	6	52	10.4	11.8	5.1	147	6.0	5.3	3.6	8	152	4.6	3.5	2.9
					14	77	6.0	6.0	50	8.1	6.9	8	29	13.9	15.7	6.8	83	8.0	7.1	4.8	10	97	5.8	4.6	3.9
					16	59	6.8	6.8	38	9.2	7.9	10	19	17.3	19.7	8.5	53	10.0	8.9	6.0	12	68	6.9	5.8	4.9
	FL	40°	9000	9000	8	141	5.8	5.8	91	8.1	6.7	2	281	3.5	9.7	2.9	795	2.0	3.4	2.1	3	650	1.7	2.0	1.7
					10	90	7.3	7.3	58	10.2	8.4	3	125	5.2	14.5	4.4	354	3.0	5.0	3.1	4	365	2.3	3.0	2.5
					12	63	8.7	8.7	41	12.2	10.1	4	70	6.9	19.3	5.8	199	4.0	6.7	4.1	5	234	2.9	4.1	3.4
					14	46	10.2	10.2	30	14.2	11.8	5	45	8.7	24.2	7.3	127	5.0	8.4	5.1	6	162	3.5	5.1	4.2
					16	35	11.6	11.6	23	16.2	13.4	6	31	10.4	**	8.7	88	6.0	10.1	6.2	7	119	4.0	6.1	5.0

** Due to steep aiming angle, length of beam extends beyond 25'.
Each angle listed is measured from 0° vertical.

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Juno Lighting Group products are universally recognized for their innovative technology, energy-efficiency, and style, and regularly find themselves at the top of industry awards competitions. Look at some of the recent honors we've won:

2013 NGL Next Generation Luminaires (Indoor)

Juno® Trac-Master® T254L Cylindra™ LED - **Best in Class**
Juno Trac-Master T252L Cylindra LED
Juno Trac-Master T265L Conix® II LED**
Juno Trac-Master T271L Arc™ LED

2013 Architectural SSL Product Innovation Awards

AccuLite™ LED Mini Security Light
Indy™ Hyperbolic LED Downlights
Juno Trac 12™ TL214LED Modules
Aculux® Gen 2 Precision Recessed LED

2013 EC&M Product of the Year

Juno Trac 12 TL214LED Modules - **Category Winner**

2013 Building Operating Management Top Products

Juno Generation 3 LED Downlights Series

2013 Green Builder Magazine Hot 50 Products

Indy LED Multi-Spot LED Luminaires

2012 LIGHTFAIR® International Innovation Awards

Technical Innovation Award
Juno Generation 3 WarmDim™* LED Downlights

Recessed Downlights Category
Winner: Juno Generation 3 WarmDim™* LED Downlights

2012 NGL Next Generation Luminaires (Indoor)

Juno 4" Generation 3 LED Downlights
Juno 6" Generation 3 LED Downlights, 600 and 900 Lumen
Juno Trac 12 TL214LED Modules
Aculux Gen 2 Precision Recessed LED

2012 NGL Next Generation Luminaires (Outdoor)

AccuLite™ LED Mini Security Light

2012 Architectural SSL Product Innovation Awards

Juno LED Display and Picture Lights
Indy Enhanced Spectrum LED Downlights
AccuLite Finia™ Series Outdoor LED Luminaires
Indy Designer Series LED Wall Wash Luminaires
Juno Undercabinet Solo-Task LED

2012 EC&M Product of the Year

Juno Generation 3 LED Downlights - **Category Winner**

2012 Building Operating Management Top Products

Indy LED Multi-Spot LED Luminaires

2012 Lighting for Tomorrow

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All these award winners can be found in this easy-to-use Product Guide along with over 50,000 other exceptional products for everything from recessed lighting, to trac systems, to art-glass pendants and outdoor lighting. Another way to access these products is through our user-friendly Web site, **www.junolightinggroup.com**. There you'll find complete specifications, ordering information, and other helpful resources.

Product Guide or Web site … you'll find the products you need to create your own awarding-winning lighting projects.

* Patent Pending

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Juno Lighting Group
1300 South Wolf Road
Des Plaines, IL 60018
Ph: 847.827.9880
www.junolightinggroup.com

Regional Offices & Warehouses
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Printed in the U.S.A. LIT-JLG-PRODGUIDE 4/13