



AREA LIGHTS

12 volt/120 volt



AREA LIGHTING



Techniques
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ACCESSORIES



Enhancements
Page 26

MOUNTING DEVICES



Page 137





AL-01-BAR
18w Lamp (25w max.)
Solid Brass



AL-01-BAR
Brass Acid Rust Finish (-BAR)
Solid Brass



AL-01-SM-BRS
18w Lamp (25w max.)
Solid Brass



AL-01-SM-BAR **AL-01-BAR**
18w Lamp (25w max.)
Solid Brass

AL-01-BRS, AL-01-SM-BRS SPECIFICATIONS:

Construction: Cast brass China Hat; extruded brass stanchion

Lamp: 18 watt S-8 #1141; 1200 hours average rating (25w max.)

Socket: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v., both with 200° C silicone lead wires

Wiring: Black 3 foot 18/2 zip cord from base of fixture (12v. only)

Connector: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v. only

Mounting: FA-03-BRS 9" brass stake, tapped 1/2" NPS

Finish: Unfinished brass—optional finishes available; page 8

AL-01, AL-01-SM SPECIFICATIONS:

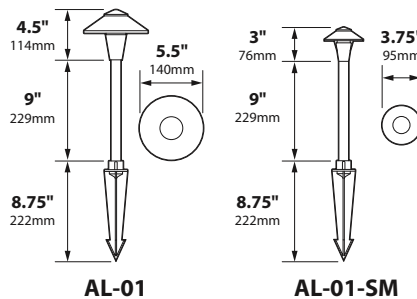
Construction: Cast aluminum China Hat; extruded aluminum stanchion

Lamp, socket, wiring and connection: See above

Mounting: FA-03 black 9" ABS stake, tapped 1/2" NPS

Finish: Black texture polyester powder coat—optional finishes available; page 8

Catalog Number	Description	Material
AL-01	5.5" China Hat	Aluminum
AL-01-BRS	5.5" China Hat	Brass
AL-01-SM	3.5" Mini China Hat	Aluminum
AL-01-SM-BRS	3.5" Mini China Hat	Brass



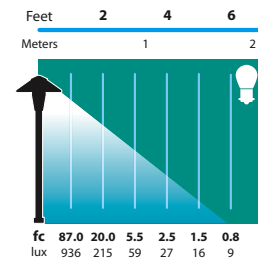
RECOMMENDED ENHANCEMENTS FOR AL-01 SERIES:

FA-91-01, FA-91-01-SM Sprinkler/Glare Shield

-AH Adjustable Hub

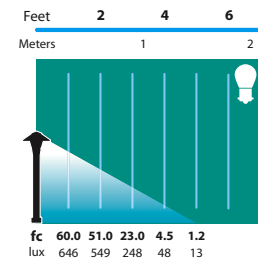
12v. Lamp Options: See page 143 groups A, B, D

120v. Lamp Options: See page 148 groups N, O (except AL-01-SM)



AL-01

Half Spread Photometrics
12 ft. (3.7m) diameter



AL-01-SM

Half Spread Photometrics
10 ft. (3.0m) diameter





AL-03-CAM
18w Lamp (25w max.)
Cast Aluminum



AL-03-10-CAM
18w Lamp (25w max.)
Cast Aluminum

AL-03 SERIES SPECIFICATIONS:

Available in 2-tier, 3-tier and 4-tier models with 6" or 10"-diameter Pagoda Hats

Construction: Cast aluminum Pagoda Hat; 3.25" threaded clear prismatic polycarbonate lens

Lamp: 18 watt S-8 #1141; 1200 hours average rating (25w max.)

Socket: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v., both with 200° C silicone lead wires

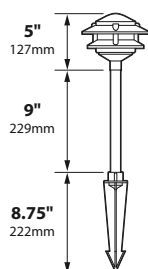
Wiring: Black 3 foot 18/2 zip cord from base of fixture (12v. only)

Connection: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v. only

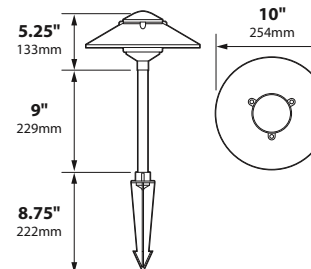
Mounting: FA-03 black 9" ABS stake, tapped 1/2" NPS

Finish: Black texture polyester powder coat—optional finishes available; page 8

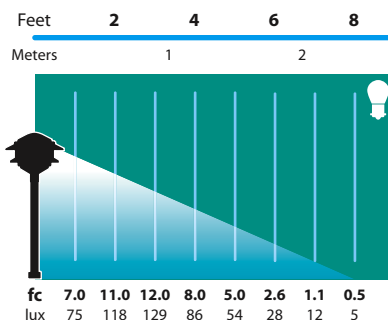
Catalog Number	Description
AL-03	6" Pagoda Hat
AL-03-10	10" Pagoda Hat
AL-03-3T	6" Pagoda Hat, 3 tiers
AL-03-3T-10	10" Pagoda Hat, 3 tiers
AL-03-4T	6" Pagoda Hat, 4 tiers
AL-03-4T-10	10" Pagoda Hat, 4 tiers



AL-03

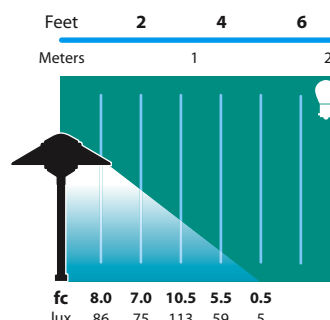


AL-03-10



AL-03

Half Spread Photometrics
16 ft. (4.9m) diameter



AL-03-10

Half Spread Photometrics
10 ft. (3.0m) diameter

RECOMMENDED ENHANCEMENTS FOR AL-03 SERIES:

FA-89 5" Opal Glass (AL-03-3T, AL-03-10-3T)

FA-90 White Opal Glass

FA-90-RIB Clear Ribbed Glass (AL-03-4T, AL-03-10-4T)

12v. Lamp Options: See page 143 groups A, B, D

120v. Lamp Options: See page 148 groups N, O

AL-03 series continued on next page



AL-03-ATV
18w Lamp (25w max.)
Cast Aluminum



AL-03-10-HTX
18w Lamp (25w max.)
Cast Aluminum

12v. fixtures: 25 foot 16/2 fixture lead wire available; add **-25F** to catalog number. For use with Focus CPC or hub supplied by others.



AL-03-3T-WBR
18w Lamp (25w max.)
Cast Aluminum



AL-03-4T-ATV
18w Lamp (25w max.)
Cast Aluminum



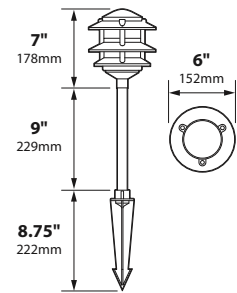
AL-03-3T-10-TRC
18w Lamp (25w max.)
Cast Aluminum



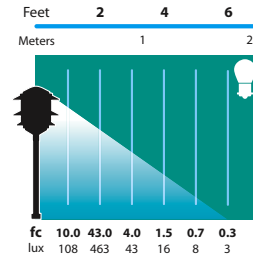
AL-03-4T-10-RST
18w Lamp (25w max.)
Cast Aluminum

AL-03 SERIES (continued)

10,000 HOUR
XENON
&
HALOGEN
AVAILABLE

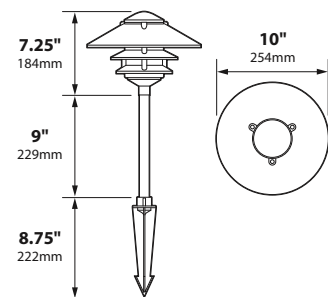


AL-03-3T

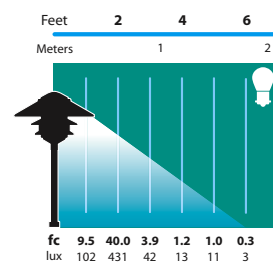


AL-03-3T

Half Spread Photometrics
12 ft. (3.7m) diameter

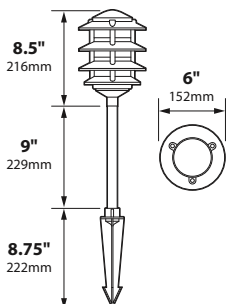


AL-03-3T-10

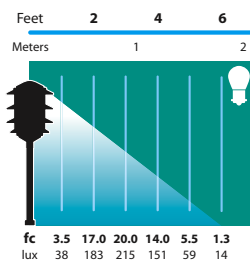


AL-03-3T-10

Half Spread Photometrics
12 ft. (3.7m) diameter

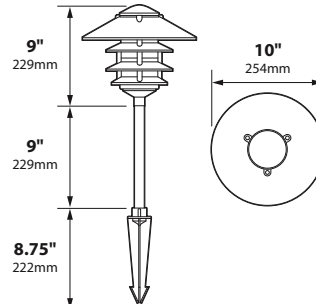


AL-03-4T

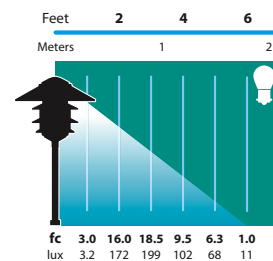


AL-03-4T

Half Spread Photometrics
12 ft. (3.7m) diameter



AL-03-4T-10



AL-03-4T-10

Half Spread Photometrics
12 ft. (3.7m) diameter



IAL-03-3T-3-NL-TRC

No Lamp (60w max.)

Cast Aluminum



IAL-03-3T-10-3-5-120V-CAM

5w Compact Fluorescent (5w max.)

Cast Aluminum



IAL-04-NL-BRT

No Lamp (100w max.)

Cast Aluminum



IAL-04-10-5,7,9-120V-HTX

5, 7, or 9w Compact Fluor. (9w max.)

Cast Aluminum

IAL-03, IAL-04 AND FAL-03, FAL-04 SERIES SPECIFICATIONS:

Available in 3-tier and 4-tier models with 6"- or 10" diameter Pagoda Hats

Construction: Cast aluminum Pagoda Hat

Lens: 3.25" threaded clear glass lens

Mounting: None supplied, order FA-26 120v. See Mounting Devices section, page 137

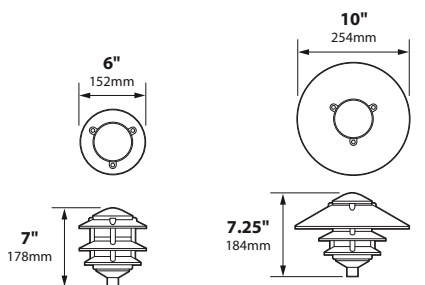
Finish: Black texture polyester powder coat—optional finishes available; page 8

Fixtures available with 3" diameter base; add -3 suffix to order.

Catalog Number	Lamp Supplied	Max. Wattage
The following fixtures are not supplied with lamps. They are designed for medium base light sources (A-19).		
IAL-03-NL	None	60
IAL-03-10-NL	None	60
IAL-04-NL	None	100
IAL-04-10-NL	None	100

The following fixtures are designed for compact fluorescent lamps, specify wattage at time of order.

FAL-03-5-120V	5 watt (27°K)	5
FAL-03-5-10-120V	5 watt (27°K)	5
FAL-04-5,7,9-120V	5, 7 or 9 watt (27°K)	9
FAL-04-5,7,9-10-120V	5, 7 or 9 watt (27°K)	9



IAL-03-NL

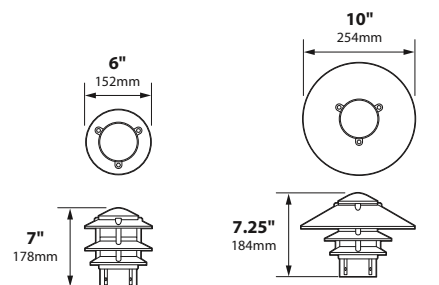
IAL-03-10-NL



fc	38.0	29.0	13.0	7.5	4.0	3.0	2.0	1.0	0.8
lux	409	312	140	81	43	32	22	11	9

IAL-03-NL

Half Spread Photometrics (40w)
26 ft. (7.8m) diameter



IAL-03-3-NL

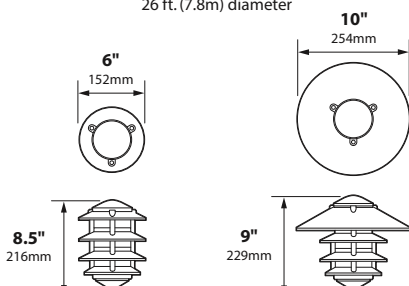
IAL-03-10-3-NL



fc	37.0	20.0	10.5	6.5	3.0	1.5	0.8
lux	398	215	113	70	32	16	9

IAL-03-10-NL

Half Spread Photometrics (40w)
14 ft. (4.3m) diameter



IAL-04-NL

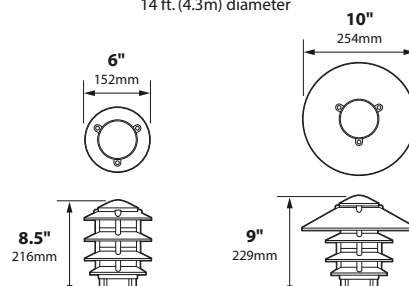
IAL-04-10-NL



fc	41.0	30.0	14.0	7.5	5.0	3.0	2.4	1.5	1.2	0.8
lux	441	323	151	81	54	32	26	16	13	9

IAL-04

Half Spread Photometrics (40w)
18 ft. (5.5m) diameter



IAL-04-3-NL

IAL-04-10-3



fc	48.0	32.0	15.0	8.0	4.5	3.0	2.3	1.9	1.5	1.0	0.6
lux	517	344	161	86	48	32	25	20	16	11	6

IAL-04-10

Half Spread Photometrics (40w)
22 ft. (6.7m) diameter



FAL-03 AND FAL-04 SERIES (continued)



FAL-03-5-120V-3-BRT

5w Compact Fluorescent (5w max.)
Cast Aluminum



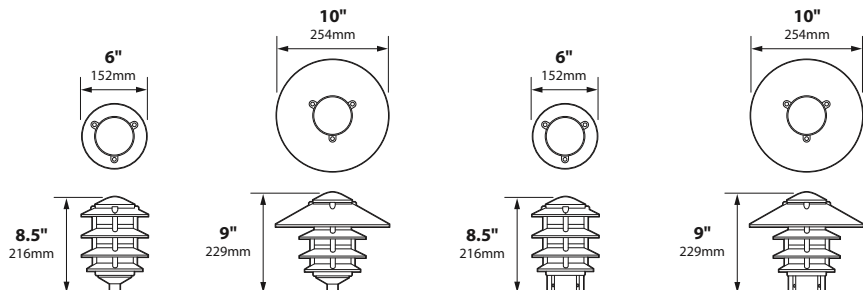
FAL-04-5,7,9-10-120V-3-BLT

5, 7, or 9 watt Comp. Fluorescent (9w max.)
Cast Aluminum



FAL-04-5,7,9-10-120V-3-CAM

5, 7, or 9 watt Comp. Fluorescent (9w max.)
Cast Aluminum



FAL-04-5-120V
FAL-04-7-120V
FAL-04-9-120V

FAL-04-5-10-120V
FAL-04-7-10-120V
FAL-04-9-10-120V

FAL-04-5-120V-3
FAL-04-7-120V-3
FAL-04-9-120V-3

FAL-04-5-10-120V-3
FAL-04-7-10-120V-3
FAL-04-9-10-120V-3

RECOMMENDED ENHANCEMENTS FOR FAL/IAL-03, -04 SERIES:

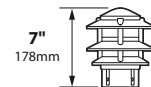
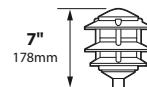
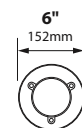
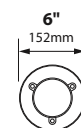
FA-89 5" Opal Glass (FAL/IAL-03, FAL/IAL-03-10)

FA-90 7" White Opal Glass (FAL/IAL-04, FAL/IAL-04-10)

FA-90-RIB 7" Clear Ribbed Glass (FAL/IAL-04, FAL/IAL-04-10)

FA-26 120v. Mounting Pedestal

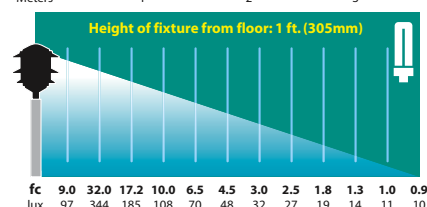
FA-30-NC (9"), **FA-31-NC** (12"), **FA-32-NC** (15"), **FA-33-NC** (20"), **FA-34-NC** (25") Extension Wands



FAL-03-5-120V

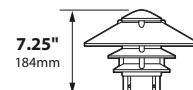
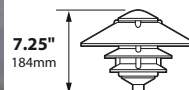
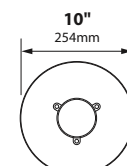
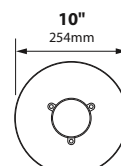
FAL-03-5-120V-3

Feet 2 4 6 8 10 12
Meters 1 2 3



FAL-03-5-120V

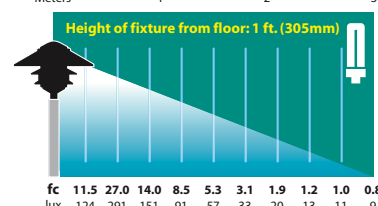
Half Spread Photometrics (5w)
24 ft. (7.3m) diameter



FAL-03-5-10-120V

FAL-03-5-10-120V-3

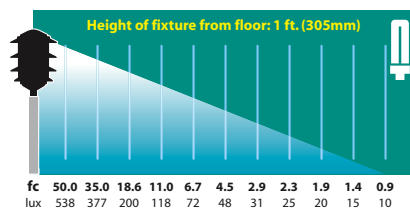
Feet 2 4 6 8 10
Meters 1 2 3



FAL-03-5-10-120V

Half Spread Photometrics (5w)
20 ft. (6.1m) diameter

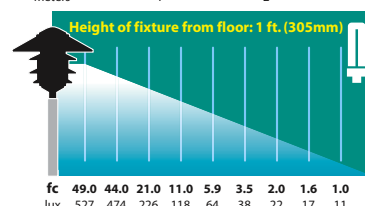
Feet 2 4 6 8 10 12
Meters 1 2 3



FAL-04-5-120V

Half Spread Photometrics (5w)
22 ft. (6.7m) diameter

Feet 2 4 6 8 10
Meters 1 2 3



FAL-04-5-10-120V

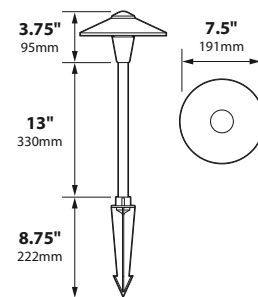
Half Spread Photometrics (5w)
18 ft. (5.5m) diameter



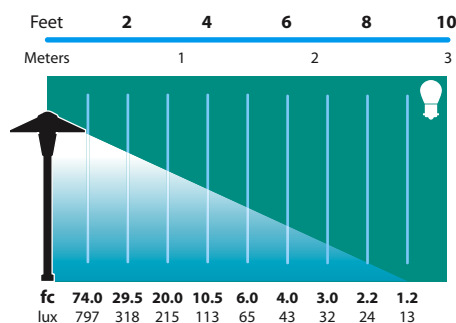
AL-04-BRS
18w Lamp (25w max.)
Solid Brass



AL-04-AH-ATV



AL-04



AL-04

Half Spread Photometrics
18 ft. (5.4m) diameter

AL-04-BRS, AL-05-BRS SPECIFICATIONS:

Construction: Cast brass China Hat; extruded brass stanchion

Lamp: 18 watt S-8 #1141; 1200 hours average rating (25w max.)

Socket: Single contact bayonet, brass nickel plated screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v., both with 200° C silicone lead wires

Wiring: Black 3 foot 18/2 zip cord from base of fixture (12v. only)

Connection: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v. only

Mounting: FA-03-BRS 9" brass stake, tapped 1/2" NPS

Finish: Unfinished brass—optional finishes available; page 8

AL-04, AL-05 SPECIFICATIONS:

Construction: Cast aluminum housing and socket holder; extruded aluminum stanchion, threaded 1/2" NPS both ends

Lamp, socket, wiring and connection: See above

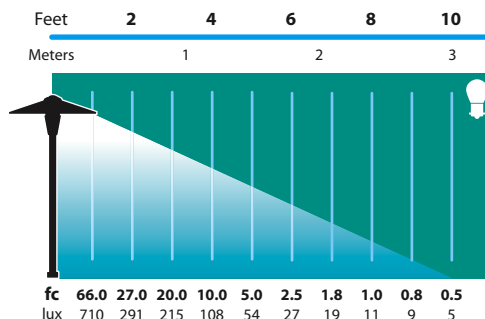
Mounting: FA-03 black 9" ABS stake, tapped 1/2" NPS

Finish: Black texture polyester powder coat, —optional finishes available; page 8

Catalog Number	Description	Material
AL-04	7.5" China Hat	Aluminum
AL-04-BRS	7.5" China Hat	Brass
AL-05	10" China Hat	Aluminum
AL-05-BRS	10" China Hat	Brass



AL-05-BAV
18w Lamp (25w max.)
Solid Brass



AL-05

Half Spread Photometrics
20 ft. (6.0m) diameter

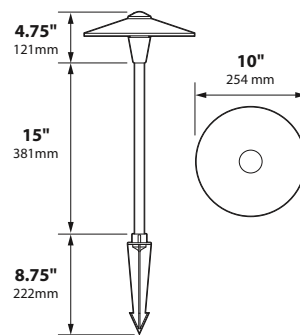
RECOMMENDED ENHANCEMENTS FOR AL-04, -05 SERIES:

FA-97-04, FA-97-05 Sprinkler/Glare Shield

-AH Adjustable Hub

12v. Lamp Options: See page 143 groups A, B, D

120v. Lamp Options: See page 148 groups N, O



AL-05





AL-06-SM-BAR
18w Lamp (25w max.)
Solid Brass



AL-06-BRS
18w Lamp (25w max.)
Solid Brass



AL-07-BAV
Top View
Solid Brass

AL-07-BAV
18w Lamp (25w max.)
Solid Brass

AL-06-BRS, AL-06-SM-BRS, AL-07-BRS SPECIFICATIONS:

Construction: Cast brass Mushroom or Starfish Hat; extruded brass stanchion

Lamp: 18 watt S-8 #1141; 1200 hours average rating (25w max.)

Socket: Single contact bayonet, brass nickel plated screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200° C silicone lead wires

Wiring: Black 3 foot 18/2 zip cord from base of fixture (12v. only)

Connection: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v. only

Mounting: FA-03-BRS 9" brass stake, tapped 1/2" NPS

Finish: Unfinished brass—optional finishes available; page 8

AL-06, AL-06-SM, AL-07 SPECIFICATIONS:

Construction: Cast aluminum Mushroom or Starfish Hat; extruded aluminum stanchion

Lamp, socket, wiring and connection: See above

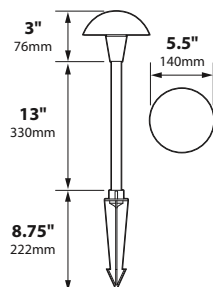
Mounting: FA-03 black 9" ABS stake, tapped 1/2" NPS

Finish: Black texture polyester powder coat—optional finishes available; page 8

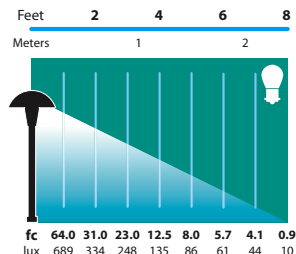
Catalog Number	Description	Material
AL-06	5" Mushroom Hat	Aluminum
AL-06-SM	3.5" Mushroom Hat	Aluminum
AL-06-BRS	5" Mushroom Hat	Brass
AL-06-SM-BRS	3.5" Mushroom Hat	Brass
AL-07	7" Starfish Hat	Aluminum
AL-07-BRS	7" Starfish Hat	Brass

10,000 HOUR
XENON
&
HALOGEN
AVAILABLE

ADJUSTABLE
HUB
AVAILABLE

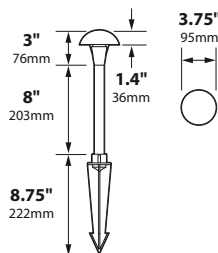


AL-06

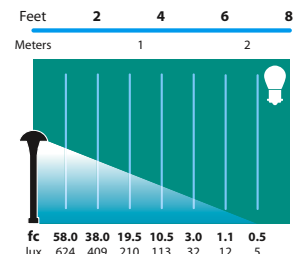


AL-06

Half Spread Photometrics
16 ft. (4.9m) diameter

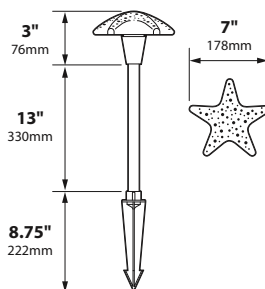


AL-06-SM

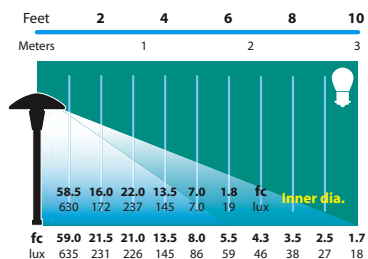


AL-06-SM

Half Spread Photometrics
14 ft. (4.3m) diameter



AL-07



AL-07

Half Spread Photometrics
20 ft. (6.1m) diameter

RECOMMENDED ENHANCEMENTS FOR AL-06, -07 SERIES:

FA-97-06, FA-97-06-SM, FA-97-07 Sprinkler/Glare Shield

-AH Adjustable Hub

12v. Lamp Options: See page 143 groups A, B, D

120v. Lamp Options: See page 148 groups N, O

12v. fixtures: 25 foot 16/2 fixture lead wire available; add **-25F** to catalog number. For use with Focus CPC or hub supplied by others.



AL-08-COP
18w Lamp (25w max.)
Solid Copper

AL-08 SERIES SPECIFICATIONS:

Construction: **AL-08 Series:** Black 3.0" O.D. ABS post with cast aluminum top
AL-08-ALUM Series: Cast aluminum top, extruded aluminum post
AL-08-BRS Series: Cast brass top, extruded brass post
AL-08-COP Series: Cast brass top, extruded copper post

Lens: White high-impact acrylic

Lamp: 18 watt S-8 #1141; 1200 hours average rating (25w max.)

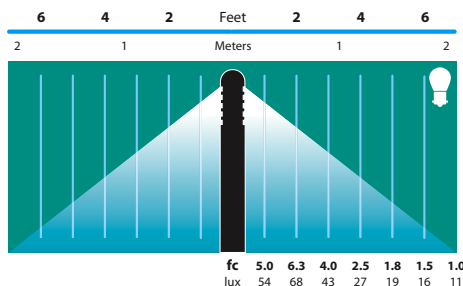
Socket: Single contact bayonet, brass nickel plated screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v., both with 200° C silicone lead wires

Lamp life: 1200 hours average rating for S-8 #1141, 10,000 hours for compact fluorescent

Wiring: Black 3 foot 18/2 zip cord from base of fixture (12v. only)

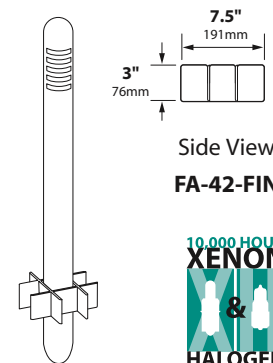
Connection: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v. only

Mounting: 4 x FA-42-FIN (supplied)



AL-08

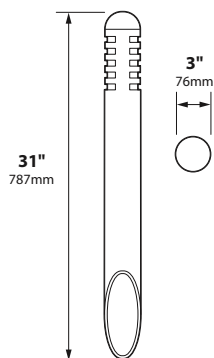
Light Distribution and Photometrics
14 ft. (4.3m) diameter



Side View
FA-42-FIN



FA-42-FIN

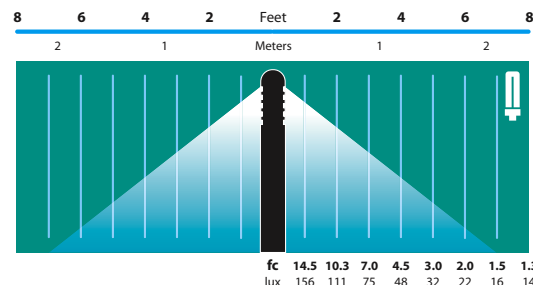


AL-08

Catalog Number	Description	Lamp Supplied	Standard Finish
12 VOLT			
AL-08	ABS, black 360° mini bollard	18 watt S-8 #1141	Black texture
AL-08-RBV	Same as above, hand-applied finish	18 watt S-8 #1141	Rubbed verde
AL-08-ALUM	Aluminum 360° mini bollard	18 watt S-8 #1141	Black texture
AL-08-ALUM-[Color]	Same as above but with powder coat finish	18 watt S-8 #1141	See page 8
AL-08-BRS	Brass 360° mini bollard	18 watt S-8 #1141	Brass, unfinished
AL-08-COP	Copper 360° mini bollard	18 watt S-8 #1141	Copper, unfinished
12v. fixtures: 25 foot 16/2 fixture lead wire available; add to catalog number. For use with Focus CPC or hub supplied by others.			
120 VOLT COMPACT FLUORESCENT SERIES			
AL-08-FL-5, 7	ABS 360° mini bollard	5 or 7 watt 41°K	Black texture
AL-08-FL-5, 7-RBV	Same as above, hand-applied finish	5 or 7 watt 41°K	Rubbed verde
AL-08-FL-5, 7-ALUM	Aluminum 360° mini bollard	5 or 7 watt 41°K	Black texture
AL-08-FL-5, 7-ALUM-[Color]	Same as above but with powder coat finish	5 or 7 watt 41°K	See page 8
AL-08-FL-5, 7-BRS	Brass 360° mini bollard	5 or 7 watt 41°K	Brass, unfinished
AL-08-FL-5, 7-COP	Copper 360° mini bollard	5 or 7 watt 41°K	Copper, unfinished



AL-08-5, 7-120V-BRS
5 or 7w Fluorescent (7w max.)
Solid Brass



AL-08-FL-7-120V

Light Distribution and Photometrics
16 ft. (4.9m) diameter

RECOMMENDED ENHANCEMENTS FOR AL-08 SERIES:

12v. Lamp Options: See page 143 groups A, B, D

120v. Lamp Options: See page 148 groups N, O





AL-09-BAV

18w Lamp (25w max.)

Solid Brass

AL-09-FL-5, 7-120V-BRS

5 or 7w Compact Fluorescent

Solid Brass



AL-10-BRS

18w Lamp (25w max.)

Solid Brass

AL-09, AL-10 SERIES SPECIFICATIONS:

Construction: Stamped solid brass Lantern; extruded brass stanchion

Lens: Gold iridescent glass, White Cracked Ice (-ICE) plastic lens available

Lamp: 18 watt S-8 #1141; 1200 hours average rating (25w max.)

Socket: Single contact bayonet, brass nickel plated screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v., both with 200° C silicone lead wires

Wiring: Black 3 foot 18/2 zip cord from base of fixture (12v. only)

Connection: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v. only

Mounting: 4 x FA-42-FIN (supplied); no mount supplied with AL-10 series fixtures

Optional finishes available; page 8

Catalog Number	Description	Post	Lamp Supplied	Standard Finish
12 VOLT				
AL-09-BLT	Brass lantern	ABS	18 watt S-8 #1141	Black texture
AL-09	Brass lantern	ABS	18 watt S-8 #1141	Brass, unfinished
AL-09-BRS	Brass lantern	Brass, unfinished	18 watt S-8 #1141	Brass, unfinished
AL-09-ALUM	Brass lantern	Aluminum, black	18 watt S-8 #1141	Black texture

12v. fixtures: 25 foot 16/2 fixture lead wire available; add to catalog number. For use with Focus CPC or hub supplied by others.

120 VOLT FLUORESCENT SERIES

AL-09-FL-5, 7, 120V-BLT	Brass lantern	ABS	5 or 7 watt 41°K	Black texture
AL-09-FL-5, 7, 120V	Brass lantern	ABS	5 or 7 watt 41°K	Brass, unfinished
AL-09-FL-5, 7, 120V-BRS	Brass lantern	Brass, unfinished	5 or 7 watt 41°K	Brass, unfinished
AL-09-FL-5, 7, 120V-ALUM	Brass lantern	Aluminum, black	5 or 7 watt 41°K	Black texture

Catalog Number	Description	Post	Lamp Supplied	Standard Finish
12 VOLT				
AL-10-BLT	Brass lantern	3" mount, not supplied	18 watt S-8 #1141	Black texture
AL-10-BRS	Brass lantern	3" mount, not supplied	18 watt S-8 #1141	Brass, unfinished

12v. fixtures: 25 foot 16/2 fixture lead wire available; add -25F to catalog number. For use with Focus CPC or hub supplied by others.

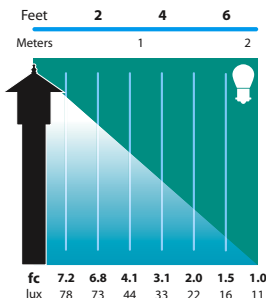
120 VOLT FLUORESCENT SERIES

AL-10-FL-5, 7, 120V-BLT	Brass lantern	3" mount, not supplied	5 or 7 watt 41°K	Black texture
AL-10-FL-5, 7, 120V-BRS	Brass lantern	3" mount, not supplied	5 or 7 watt 41°K	Brass, unfinished

RECOMMENDED ENHANCEMENTS FOR AL-09, -10 SERIES:

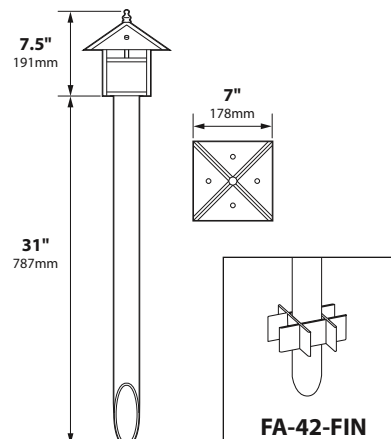
12v. Lamp Options: See page 143 groups A, B, D

120v. Lamp Options: See page 148 groups M, N, O, P

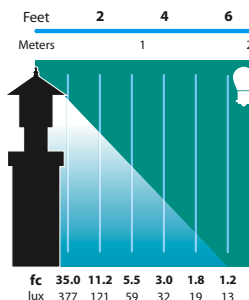


AL-09

Half Spread Photometrics
14 ft. (4.3m) diameter

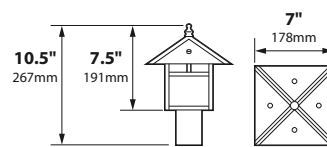


AL-09



AL-10

Half Spread Photometrics
12 ft. (3.7m) diameter



AL-10





AL-11-BAR

18w Lamp (25w max.)
Solid Brass



AL-12-BRT

18w Lamp (25w max.)
Cast Aluminum

AL-11-BRS, AL-12-BRS SPECIFICATIONS:

Construction: Cast brass Scallop Hat or large Mushroom Hat; extruded brass stanchion

Lamp: 18 watt S-8 #1141; 1200 hours average rating (25w max.)

Socket: Single contact bayonet, brass nickel plated screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v., both with 200° C silicone lead wires

Wiring: Black 3 foot 18/2 zip cord from base of fixture (12v. only)

Connection: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v. only

Mounting: FA-03-BRS 9" brass stake, tapped 1/2" NPS

Finish: Unfinished brass—optional finishes available; page 8

AL-11, AL-12 SPECIFICATIONS:

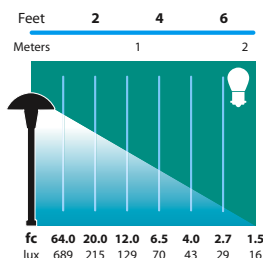
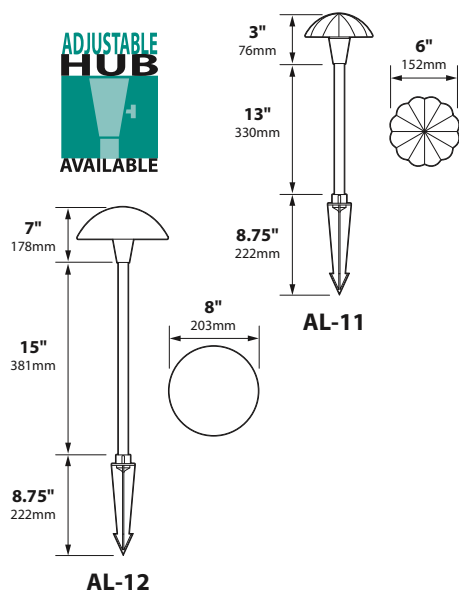
Construction: Cast aluminum Scallop Hat or large Mushroom Hat; extruded aluminum stanchion

Lamp, socket, wiring and connection: See above

Mounting: FA-03 black 9" ABS stake, tapped 1/2" NPS

Finish: Black texture polyester powder coat—optional finishes available; page 8

Catalog Number	Description	Material
AL-11	6" Scallop Hat	Aluminum
AL-11-BRS	6" Scallop Hat	Brass
AL-12	8" Large Mushroom Hat	Aluminum
AL-12-BRS	8" Large Mushroom Hat	Brass





Left: **AL-13-SM**
Middle: **AL-13-DM**
Right: **AL-13-LG**



AL-13-SM-AL-CAM
18w Lamp (25w max.)
Aluminum



AL-13-LG-CAV
18w Lamp (25w max.)
Solid Copper

AL-13-DM-CAV
18w Lamp (25w max.)
Solid Copper

AL-13-SM-CAV
20w Halogen (20w max.)
Solid Copper

AL-13 SERIES SPECIFICATIONS:

Construction: Solid copper China Hat; extruded copper stanchion, unfinished

Lamp: 18 watt S-8 #1141; 1200 hours average rating; 20 watt T-4 single contact halogen for -SM series (25w max.)

Socket: Single contact bayonet, brass nickel plated screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v., both with 200° C silicone lead wires

Wiring: Black 3 foot 18/2 zip cord from base of fixture (12v. only)

Connection: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v. only

Mounting: AL-13-COP has angle-cut stem, others have FA-03-BRS 9" brass stake, tapped 1/2" NPS

Finish: Unfinished copper—optional finishes available; page 8

AL-13-SM-AL, AL-13-SM-AL-[Color] SPECIFICATIONS:

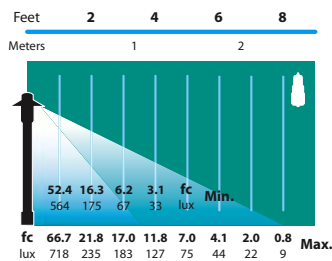
Construction: Heavy-duty spun aluminum China Hat; extruded aluminum stanchion

Lamp, socket, wiring and connection: See above

Mounting: FA-03 black 9" ABS stake, tapped 1/2" NPS

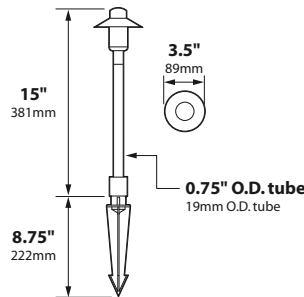
Finish: Black texture polyester powder coat—optional finishes available; page 8

Catalog Number	Description	Mount	Lamp Supplied	Standard Finish
AL-13-COP	6.5" China Hat, adjustable	Angle Cut Stem	18 watt S-8 #1141	Copper, unfinished
AL-13-DM	6.5" China Hat, adjustable	FA-03-BRS Stake	18 watt S-8 #1141	Copper, unfinished
AL-13-DM-[Color]	6.5" China Hat, adjustable	FA-03-BRS Stake	18 watt S-8 #1141	See page 8
AL-13-DM-AL	6.5" China Hat, adjustable	FA-03-ABS Stake	18 watt S-8 #1141	Black Texture
AL-13-DM-AL-[Color]	6.5" China Hat, adjustable	FA-03-ABS Stake	18 watt S-8 #1141	See page 8
AL-13-SM	3.5" China Hat, adjustable	FA-03-BRS Stake	20w T3/S.C. halogen	Copper, unfinished
AL-13-SM-[Color]	3.5" China Hat, adjustable	FA-03-BRS Stake	20w T3/S.C. halogen	See page 8
AL-13-SM-AL	3.5" China Hat, adjustable	FA-03-ABS Stake	20w T3/S.C. halogen	Black texture
AL-13-SM-AL-[Color]	3.5" China Hat, adjustable	FA-03-ABS Stake	20w T3/S.C. halogen	See page 8
AL-13-LG	9.0" China Hat, adjustable	FA-03-BRS Stake	18 watt S-8 #1141	Copper, unfinished
AL-13-LG-[Color]	9.0" China Hat, adjustable	FA-03-BRS Stake	18 watt S-8 #1141	See page 8

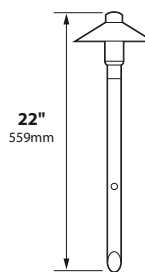


AL-13-SM

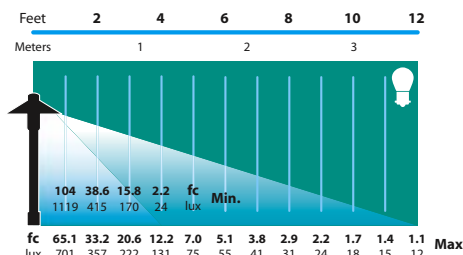
Half Spread Photometrics
7 ft. (2.1m) to 16 ft. (4.9m) diameter



AL-13-SM

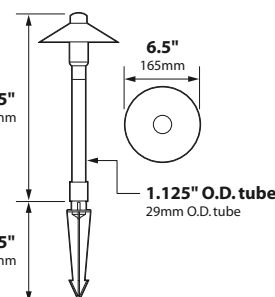


AL-13

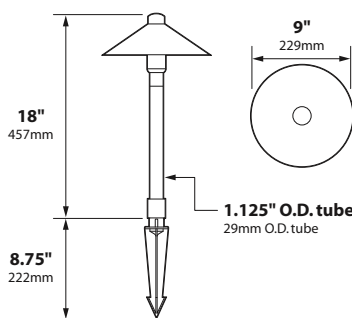


AL-13, AL-13-DM

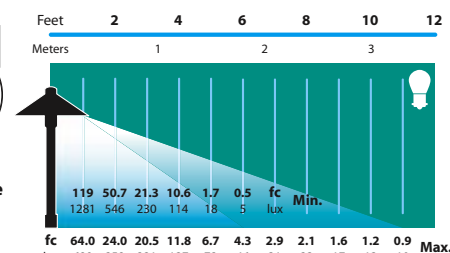
Half Spread Photometrics
8 ft. (2.4m) to 24 ft. (7.3m) diameter



AL-13-DM



AL-13-LG



AL-13-LG

Half Spread Photometrics
12 ft. (3.7m) to 22 ft. (6.7m) diameter

RECOMMENDED ENHANCEMENTS FOR AL-13 SERIES:

RP-134-SM, RP-134, RP-134-LG Replacement Glass Cylinder and Gaskets

12v. Lamp Options: See page 143 groups A, B, D

120v. Lamp Options: See page 148 groups N, O



12v. fixtures: 25 foot 16/2 fixture lead wire available; add **-25F** to catalog number. For use with Focus CPC or hub supplied by others.



AL-14-BAR
18w Lamp (25w max.)
Solid Brass



AL-15-BAV
18w Lamp (25w max.)
Solid Brass



AL-16-AH-BAR
18w Lamp (25w max.)
Solid Brass

AL-14-BRS, AL-15-BRS, AL-16-BRS SPECIFICATIONS:

Construction: Cast brass Oriental, Tiki, or Stars & Moons Hats; extruded brass stanchion

Lamp: 18 watt S-8 #1141; 1200 hours average rating (25w max.)

Socket: Single contact bayonet, brass nickel plated screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v., both with 200° C silicone lead wires

Wiring: Black 3 foot 18/2 zip cord from base of fixture (12v. only)

Connection: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v. only

Mounting: FA-03-BRS 9" brass stake, tapped 1/2" NPS

Finish: Unfinished brass—optional finishes available; page 8

AL-14, AL-15, AL-16 SPECIFICATIONS:

Construction: Cast aluminum Oriental, Tiki, or Stars & Moons Hats; extruded aluminum stanchion

Lamp, socket, wiring and connection: See above

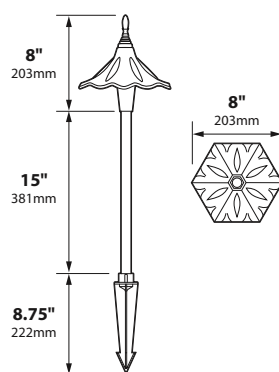
Mounting: FA-03 black 9" ABS stake, tapped 1/2" NPS

Finish: Black texture polyester powder coat—optional finishes available; page 8

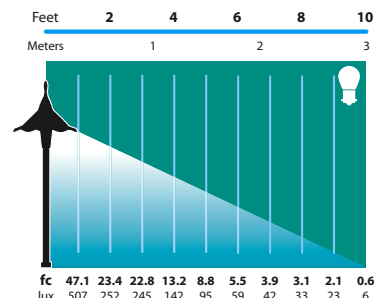
Catalog Number	Description	Material
AL-14	8" Oriental Hat	Aluminum
AL-14-BRS	8" Oriental Hat	Brass
AL-15	8" Tiki Hat	Aluminum
AL-15-BRS	8" Tiki Hat	Brass
AL-16	8" Stars & Moons Hat	Aluminum
AL-16-BRS	8" Stars & Moons Hat	Brass

ADJUSTABLE
HUB
AVAILABLE

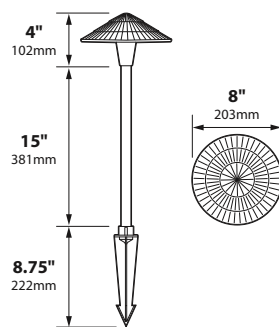
10,000 HOUR
XENON
&
HALOGEN
AVAILABLE



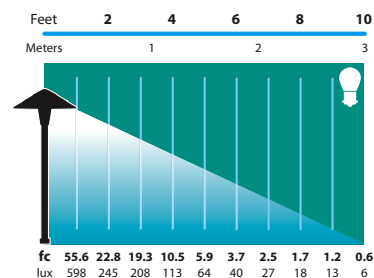
AL-14



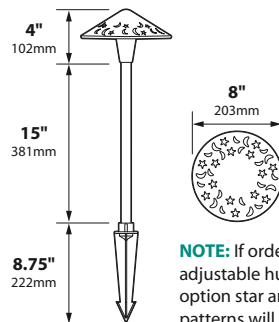
AL-14
Half Spread Photometrics
20 ft. (6.1m) diameter



AL-15

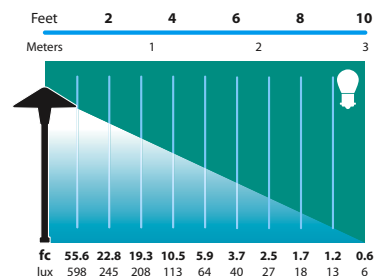


AL-15
Half Spread Photometrics
20 ft. (6.1m) diameter



AL-16

NOTE: If ordered with adjustable hub (-AH) option star and moon patterns will appear when fixture is within 20 feet of a wall



AL-16
Half Spread Photometrics
20 ft. (6.1m) diameter

RECOMMENDED ENHANCEMENTS FOR AL-14, -15, -16 SERIES:

FA-97-14, FA-97-15, FA-97-16 Sprinkler/Glare Shield

-AH Adjustable Hub

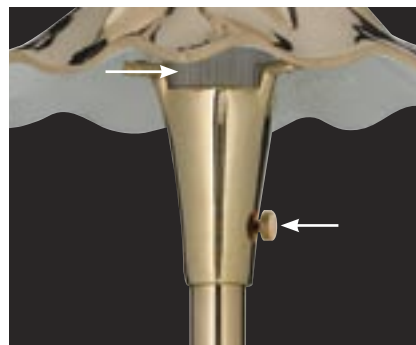
12v. Lamp Options: See page 143 groups A, B, D

120v. Lamp Options: See page 148 groups N, O

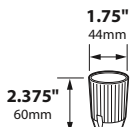
12v. fixtures: 25 foot 16/2 fixture lead wire available; add -25F to catalog number. For use with Focus CPC or hub supplied by others.

ENHANCEMENTS FOR AREA LIGHTS

- AH** Adjustable Hub available for AL-01, AL-01-SM, AL-04, AL-05, AL-06, AL-06-SM, AL-07, AL-11, AL-12, AL-14, AL-15, AL-16. 20 watt T3 single contact halogen lamp is supplied with this option.
- FA-05** Quick Connector – 12v. only
- FA-26** 120 volt Mounting Pedestal
- FA-30-NC** 9" Aluminum Extension Wand, black texture finish
- FA-31-NC** 12" Aluminum Extension Wand, black texture finish
- FA-32-NC** 15" Aluminum Extension Wand, black texture finish
- FA-33-NC** 20" Aluminum Extension Wand, black texture finish
- FA-34-NC** 25" Aluminum Extension Wand, black texture finish
For Coupler, remove –NC suffix. Brass Couplers available.
- FA-89** 5" White Opal Glass for all 3-tier Pagoda fixtures
- FA-90** 7" White Opal Glass for all 4-tier Pagoda fixtures
- FA-90-RIB** 7" Clear Ribbed Glass for all 4-tier Pagoda fixtures
- FA-97-01** Sprinkler/Glare Shield for AL-01
- FA-97-01-SM** Sprinkler/Glare Shield for AL-01-SM
- FA-97-04** Sprinkler/Glare Shield for AL-04
- FA-97-05** Sprinkler/Glare Shield for AL-05
- FA-97-06** Sprinkler/Glare Shield for AL-06
- FA-97-06-SM** Sprinkler/Glare Shield for AL-06-SM
- FA-97-07** Sprinkler/Glare Shield for AL-07
- FA-97-11** Sprinkler/Glare Shield for AL-11
- FA-97-12** Sprinkler/Glare Shield for AL-12
- FA-97-14** Sprinkler/Glare Shield for AL-14
- FA-97-15** Sprinkler/Glare Shield for AL-15
- FA-97-16** Sprinkler/Glare Shield for AL-16
- RP-134** Replacement Glass Cylinder and Gaskets (3 1/8" long) for AL-13-COP, AL-13-DM
- RP-134-SM** Replacement Glass Cylinder and Gaskets (2 1/4" long) for AL-13-SM
- RP-134-LG** Replacement Glass Cylinder and Gaskets (3 5/8" long) for AL-13-LG



(Top) Sprinkler/Glare Shield (FA-97)
(Bottom) Adjustable Hub (-AH)
Shown on AL-14-AH-BRS-POL



FA-97



FA-97 Sprinkler/Glare Shield:

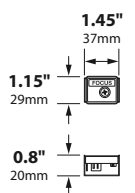
Softens light output and eliminates harsh filament brightness when seen from below (such as from elevated driveways, hot tubs, etc.) and protects from water damage such as from sprinkler trajectory impact.



FA-05 Quick Connector
Attaches Fixture to
Main Cable

FA-05 Quick Connector:

Attaches 12v. fixture wire to main cable (12/2, 10/2, 8/2), used for quick addition or removal of fixtures without cutting, splicing or taping wires. See "Mounting Devices" section for more details.



FA-05

FA-30

FA-31

FA-32

FA-33

FA-34

(Arrow: couplers)



Glass for AL-03 Pagoda Fixtures

Left to right: FA-90-RIB 7" Ribbed Glass
FA-89 5" White Opal Glass, FA-90 5" Clear Glass

FA-26-CAP



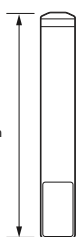
FA-26



FA-25-BRS Mounting Pedestal
Shown with Brass Cap
ABS Stake

FA-25 Mounting Pedestal:

Commercial mounting pedestal with 1/2" NPS female threads, used for high traffic or maintenance areas, available in 12v. and 120v. versions. See "Mounting Devices" section for more details.



FA-26-R



FA-26-75W

