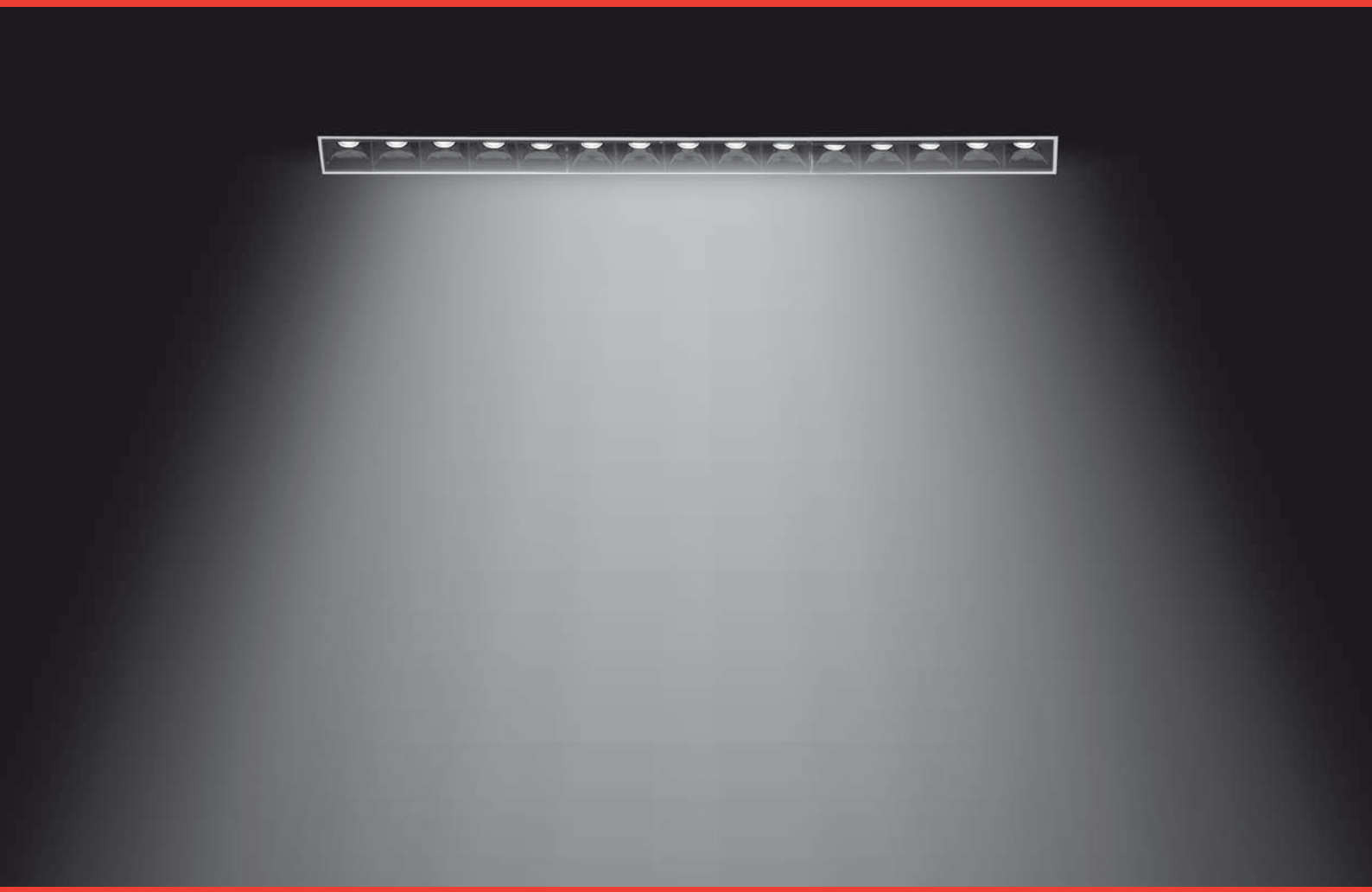
iGuzzini



2014 Internal / External Working Catalogue

This catalogue presents the 2014 range of internal and external lighting products. Additional technical information can be found in the general catalogue and at **www.iguzzini.com**

Internal lighting systems 2013 - 2014
http://www.iguzzini.com/catalogues

- Light Management System
- Downlights
- Spotlights and tracks
- General lighting systems
- Pendants
- Wall / ceiling / floor luminaires

External lighting systems 2013 - 2014
http://www.iguzzini.com/catalogues

- Pole-mounted systems
- Floodlights
- Recessed luminaires
- Bollards and Garden systems
- Linear luminaires for façade lighting
- Wall and ceiling-mounted luminaires

Online catalogue

catalog.iguzzini.com

We have created this tool to answer the needs of architects and lighting designers and provide them with detailed, exact, cross-referenced information on products and performance. Lighting fittings can be simply searched with various modes and filters based on their performance, type and application channel.

Moreover, we have upgraded the management and search of some information, such as the download of photometric data in the most popular formats. The simple, intuitive graphic layout supports and simplifies navigation.
The on-line catalogue, which is constantly updated in every section (new products, photometric curves, new light sources, etc.), is the most precise and complete tool to get to know the wide range of iGuzzini products.

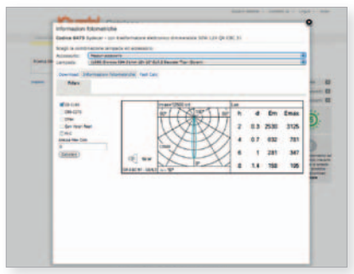
www.iguzzini.com

Product data sheet

Download

The download provides full information and download files for the selected product, with possibility of selecting different accessory/lamp combinations to display all photometric and non-photometric data that is essential for lighting design.

Photometric information

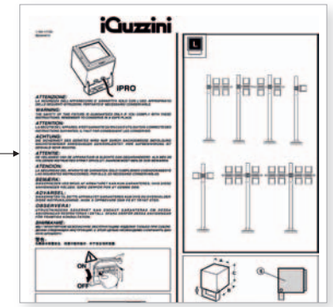


The design sheet can be completed with actual values or values in relation to Klm, calculating the values for the desired distances.

The data can also be viewed in US Customery System units of measurement.

Certification

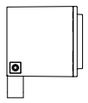
Installation instructions



Brochure

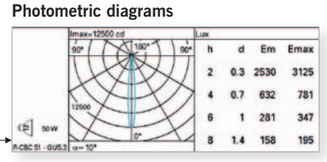
Data sheet

Photometric and electronic values on the data sheet:
- Nominal and total luminous flux
- Nominal and total power
- Intensity
- Cone angles
- Output
- Color temperature



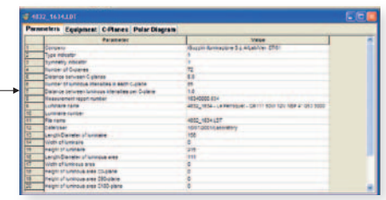
2D and 3D drawings in dwg

Photometric diagrams



Standard photometric design

Photometric information



Photometric data can be downloaded in the following formats: .ldt, .ies, tm14, .uld

Drag and Drop also allows direct importing of 3d drawings and photometric data into DIALux

Index

Product Overview 2
Internal/External lighting systems
Coordinates

iGuzzini 2014 8

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Internal lighting systems

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Spotlights and tracks 171

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Wall / ceiling / floor luminaires 329

External lighting systems

Pole-mounted systems 367

Linear luminaires for façade lighting 499

Floodlights 535

Recessed luminaires 573

Bollards and Systems for residential areas 621

Wall and ceiling-mounted luminaires 653

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Electronic Power Supplies 694
Lamps 695
Code/page reference 700
Colours 714
Addresses 715
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Icons captions back cover folding panel
Where we are worldwide back cover inside panel

Product Overview Internal lighting systems

Light Management System

28 Master Pro DMX

34 Master Pro Evo

44 LMS Quick

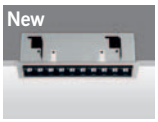
50 Colour Quick

Downlights

58 Laser Blade
High Contrast
LED

58 Laser Blade
General Lighting
LED

58 Laser Blade
Wall Washer
LED



58 Laser Blade
Adjustable
LED

79 Reflex professional
fixed
LED

84 Reflex professional
adjustable
LED

87 Reflex professional
wall washer

126 Laser
fixed/adjustable
LED

129 Pinhole

133 Deep Laser
LED

141 Express Evo
LED

150 Frame /
Minimal
LED

158 Deep Frame /
Deep Minimal
LED

141 Express Evo
LED

Spotlights and tracks

174 Palco
LED

178 Palco
wall washer
LED

180 Palco profiler
LED

184 Sydecar
LED

188 Lux

192 Express
LED

194 Tecnica
LED

222 Lumen

224 Tilt
LED

227 Cestello
LED

232 Cerchio

232 Zoom

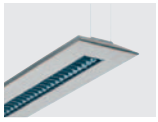
General lighting systems

248 iPlan LED
LED

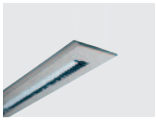
252 iPlan

259 Lightshine
LED

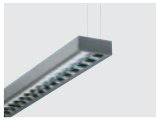
263 Lens



266 Light air

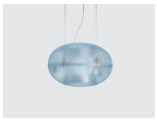


269 Mini Light air



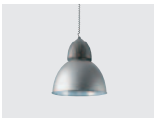
272 Action

Pendants and Floor lamps



314 Gem

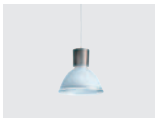
316 Greenwich



318 Berlino

320 Rib

322 Central 41

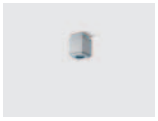


322 Central 42

324 Tray

Wall/ceiling/floor luminaires

330 iRoll
LED



668 iPro micro
LED

668 iPro mini
LED

334 Deep Surface

336 Cup
LED

338 Motus LED

340 Motus

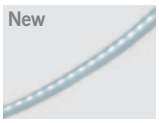
598 Ledplus
all glass
LED

600 Ledplus
stainless steel frame
LED

506 Linealuce
Mini
LED

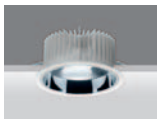
515 Linealuce
Compact
LED

Graphic lighting



355 Underscore6
LED

359 Underscore
LED


91 Reflex Easy
LED

100 Sistema
Easy MH

102 Sistema
Easy FL

106 Sistema Easy
Comfort FL

109 Pixel Pro
LED

118 Pixel Plus
LED

121 Pixel

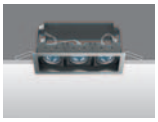
124 Laser Pixel /
Moon

114 Pixel Pro
Frame
LED

129 Pinhole

139 Deep Laser
Multiple
LED

150 Frame /
Minimal
LED


158 Deep Frame /
Deep Minimal
LED

Recessed modular systems

New

71 Laser Blade
System53
LED

166 Bespoke
LED

200 Front Light
LED

204 Le Perroquet
LED

213 Primopiano
professional
LED

216 Primopiano
wall washer
LED

218 Primopiano
LED

220 Parallel
square

221 Parallel
rectangular

Tracks

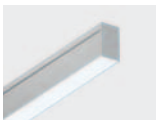
234 iDuo

236 Standard track

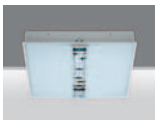
238 Recessed
tracks

240 Mini Limelight

278 Y Light


283 iN 90 / 60 / 30
LED

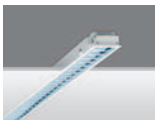
256 iPlan Easy
LED


298 Wide Plus

300 Wide basic

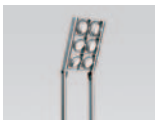
302 Base Lighting

304 Galaxy
LED


306 Lineup

326 iSign

Floor lamps


227 Cestello

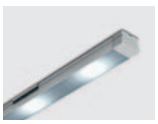
248 iPlan LED
LED

252 iPlan

278 Y Light

342 Anyway

343 Mini Reglette T16


344 X26
LED

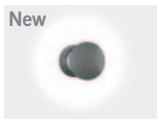
346 Ceiling
luminaires
LED

347 Vision
LED

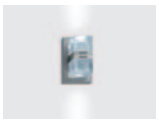
647 iFace

348 Radial

352 iTeka


New

655 Trick
LED


643 Glim Cube
LED

664 Kriss

668 iPro micro/mini
LED

365 PizzaKobra
LED

Product Overview External lighting systems

Pole-mounted systems

377 La Venaria
LED

381 Albero
LED

385 Anello
LED

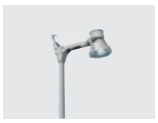
389 U.F.O.
LED

395 Crown
LED

399 iRoll 65 System
LED

403 iTeka
LED

Multiple floodlights


461 CityWoody
LED

467 FrameWoody
LED

473 MultiWoody
LED

481 MultiPro
LED

Wall applications

381 U.F.O.
LED

Linear luminaires for façade lighting

506 Linealuce
Mini
LED

New
510 Linealuce
Mini recessed
LED

515 Linealuce
Compact
LED

New
520 Linealuce
Compact recessed
LED

525 Linealuce
LED

525 Linealuce FL

528 Linealuce
recessed
LED

Floodlights

542 iPro micro
LED

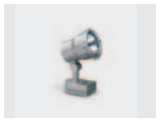
542 iPro mini
LED

544 iPro small
LED

544 iPro medium
LED

544 iPro large
LED

552 Miniwoody
LED


552 Woody
LED

Ground/floor-recessed luminaires

580 Light Up
Walk Professional
LED

586 Light Up
Light
LED

589 Light Up
Walk inox
LED

591 Light Up
Garden
LED

593 Light Up
Balisage
LED

598 Ledplus
all glass
LED

600 Ledplus
stainless steel frame
LED

Bollards

622 iTeka
LED

622 iTeka
LED

626 iWay
LED

626 iWay
LED

630 Pencil
LED

630 Pencil
LED

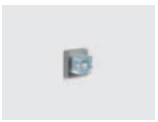
638 Typha
LED

640 Tee bollards
LED

640 Tee
wall-mounted
LED

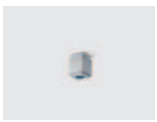
640 Tee floor
LED

643 Glim Cube
bollards
LED


643 Glim Cube
wall-mounted
LED

643 Glim Cube
wall-mounted
LED

Wall and ceiling-mounted luminaires


668 iPro micro
LED

668 iPro mini
LED

670 iPro medium
LED

670 iPro large
LED

676 iRoll 65 micro
LED

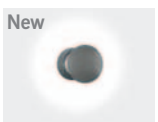
676 iRoll 65 mini
LED

679 iRoll 65 small
LED

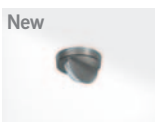
689 Comfort

690 Art

Graphic lighting


New
658 Trick
Radial
LED

New
660 Trick
Light sliver
LED


New
662 Trick
Washer
LED

664 Kriss

409 Platea System
LED

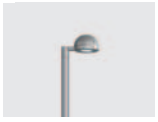
415 Flaminia System

423 Wow
LED

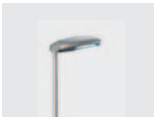
431 Archilede HP
LED

437 Lavinia System
LED

444 iRoad
LED



449 Argo / Delphi
LED



457 Street

409 Platea System
LED

415 Flaminia System

423 Wow
LED

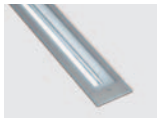
431 Archilede HP
LED

437 Lavinia System
LED

444 iRoad
LED

449 Argo / Delphi
LED

461 CityWoody
LED



528 Linealuce
recessed FL

531 Led Tube
LED

533 Radius

560 MaxiWoody
compact
LED

560 MaxiWoody
small
LED

560 MaxiWoody
medium
LED

560 MaxiWoody
large
LED

566 Platea
LED

569 Lingotto

602 Ledplus
stainless steel frame with screws **LED**

610 Lun-Up
LED

Wall/ceiling-recessed luminaires

602 Ledplus
floor washer
LED

602 Ledplus
floor washer
LED

612 Pixy
LED

613 Walky Miniwalky
LED

616 iRound
LED

Systems for residential areas

632 iPoint bollards

632 iPoint
ceiling-mounted

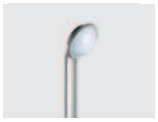
632 iPoint
wall-mounted

635 Zyl bollards
LED

635 Zyl
ceiling-mounted
LED

635 Zyl
wall-mounted
LED

643 Glim Cube
wall-mounted
LED

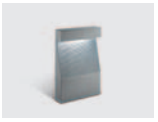


647 iFace
bollards

647 iFace
wall/ceiling-mounted

649 Ellipse
bollards
LED

649 Ellipse
wall/ceiling-mounted
LED



651 Bliz

679 iRoll 65 large
LED

326 iSign

686 Vis

686 Vis

687 Full Square

688 Full

689 Comfort

668 iPro micro/mini
down light
LED

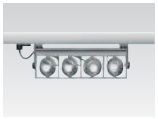
668 iPro micro
up/down light
LED

Coordinates

iGuzzini proposes internal lighting systems with solutions coordinated in terms of design. Spotlights, pendants, floor lamps, ceiling-mounted and wall-mounted luminaires provide rooms with visual and practical harmony.

Internal lighting systems

Cestello

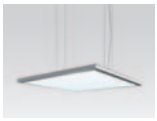

spot

pendant

wall-mounted

floor lamp

iPlan LED


pendant

ceiling/wall-mounted

recessed

floor lamp

iPlan

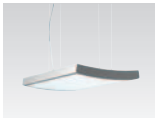
pendant

wall-mounted

ceiling-mounted

floor lamp

Y Light


pendant

wall-mounted

floor lamp

External lighting systems

iPro

floodlight

MultiPro

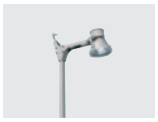
ceiling-mounted

wall-mounted down light

wall-mounted up/down light

MaxyWoody

floodlight


CityWoody

FrameWoody

MultiWoody

iTeka

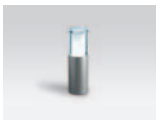
floodlight

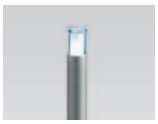
floodlight with arm

single pole

double pole

iPoint


bollard h 330


bollard h 1000

ceiling-mounted

wall-mounted

Zyl

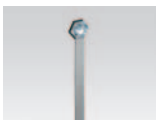
bollard

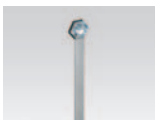
spike

pendant

Semi-recessed wall-mounted

Glim Cube


bollard


spike

wall-mounted

wall-mounted

wall-mounted

iFace

bollard

ceiling luminaire

Ellipse

single bollard

double bollard

ceiling luminaire

wall-mounted

iRoll 65

ceiling-mounted

wall-mounted down light

wall-mounted up/down light

Better Light for a Better Life

iGuzzini is an **international community at the service of architecture** and the development of the **culture of lighting**, for a better life. iGuzzini is a production center with a strong, deep-rooted vocation for **innovation**. It is a **center of excellence** dedicated to the study, design and management of lighting in its various forms. It produces **lighting systems** in collaboration with leading architects, lighting designers, designers, universities and research centers all over the world. It operates as a center of **expertise** and innovation for the development of tools to control and customize lighting, working on vital **energy sources**, on developing **optics**, on rating lamps and on room management **interfaces**.

iGuzzini works to use lighting to improve the relationship between man and the environment, through research, manufacturing, technology and knowledge.

iGuzzini UK

iGuzzini Ibérica

Showroom New York

iGuzzini France

iGuzzini China - Shanghai

Open Network

iGuzzini is a community of people, disciplines and extensive and diverse skills: the benefits of meeting and influencing one another are recognized in this territory and in this sector. **Networking** means being **open and curious** about things that are different, it means respecting those we interact with in a spirit of cooperation; it's a two-way street, with the focus firmly on people. iGuzzini is a **network within the networks**, formed by online collaboration and training platforms, of laboratories, industries, branches and showrooms, places where ideas and projects come together, sites for **study and experimentation.**

iGuzzini has network nodes, service hubs and logistical support in Europe, Asia, America and Oceania.

Twitter /iGuzzini

Facebook /iGuzzini

Linkedin /company/iGuzzini

You Tube /iGuzzinispa

Pinterest /iGuzzini

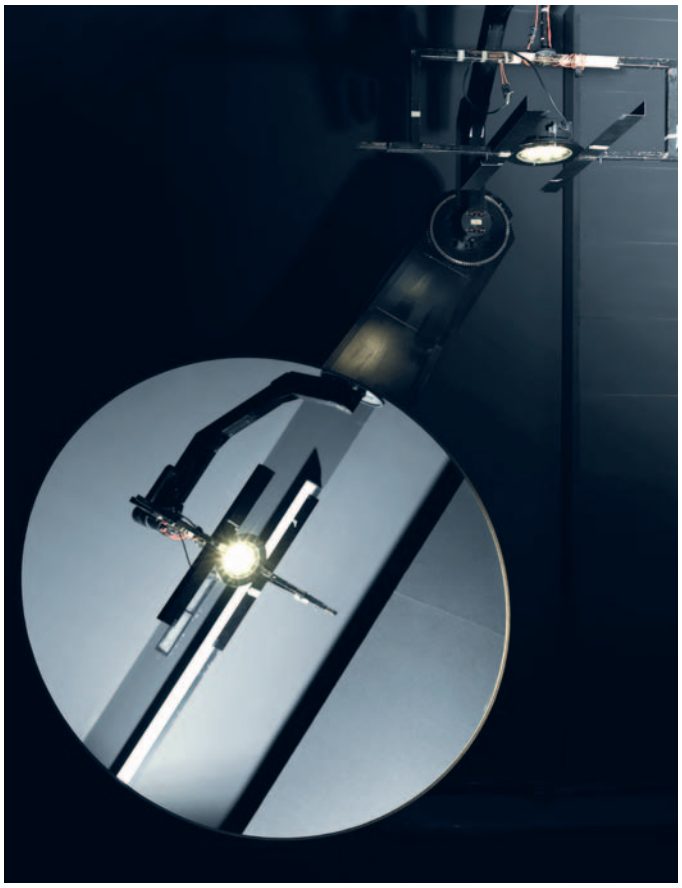
Instagram /iGuzzini

In partnership with universities, research centers, architects, engineers and lighting designers, **the iGuzzini network creates value and generates new know-how. It imagines and builds the future for lighting for architecture, cities, man and nature.**
At world level, the requirements imposed by standards are extremely variable and numerous in terms of regulations, performance and safety: diverse and complex skills and technologies are needed to meet such requirements.
The network allows us to **get to know** and **adapt to the various cultures**, to lighting design fields and applications, for **designing and producing perfect solutions for any requirement.**

Innovation

Thanks to its tradition and expertise, the iGuzzini organization knows how to innovate. It is by **continuously effectively innovating on the entire platform**, that it has built its **international success**.
The way we **innovate** is changing. It is a **collection of strengths**, multi-disciplinary.
It is created from **cultural, scientific, technological, industrial and design systems, all integrated** and continuously striving for **excellence**.

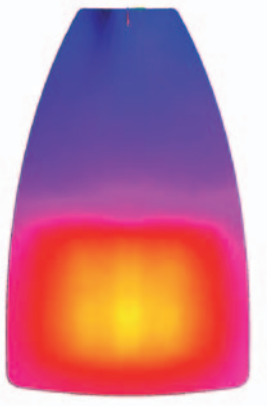
The real innovation is in the presentation of lighting projects/products, **unique** in terms of **service**, concepts, scientific progress: these are **high intensity** solutions.
iGuzzini designs and produces its own optical systems, lenses and reflectors.



Photometric laboratory

Optics are increasingly plastic and flexible thanks to research and to the perfecting of **molecular processes** for new light spectrums. We are working on **photonics**, on **particle** physics and the **ecology of perception** to use lighting to guarantee maximum well-being for man and the environment.

IP protection rating



Temperature control

High *Light* LED

The iGuzzini **knowledge industry** chooses the best qualified and most highly specialized producers of LEDs, lamps and raw materials. It carries out laboratory and in-line tests in the pursuit of quality, safety and lasting **reliability**.
It boasts electrical, thermal, physical and mechanical **expertise**, integrating materials and lighting, perceptions and energy, opening up new landscapes and options for use for architecture and society.
The iGuzzini **knowledge industry**, with more than fifty years of company experience, designs extremely high quality LED luminaires, selects the most qualified and highly specialized producers of LEDs, lamps and raw materials, carries out tests at all stages of processing, applying the most advanced nanotechnologies. It brings together design and technological innovation to ensure **quality, safety, lasting reliability and performance.**

www.iguzzini.com/LED

Benefits of iGuzzini LED products

Efficiency
iGuzzini LED products allow **savings of from 30% to 80%** compared with traditional lamps thanks to their luminous flux and temperature electronic control systems.

Color Consistency
iGuzzini exercises constant care in its **selection of LEDs**, establishing partnerships with the best suppliers in the world, guaranteeing color consistency which is not just constant over time, but also the same for different products.

Long-life lamps and lighting systems
iGuzzini designs solutions with **guaranteed lasting LED performance**.

Automatic and programmable lighting management
iGuzzini is extending its range of LED products thanks to **perfect compatibility and integration with the various lighting management systems** (DALI, KNX, LON, DMX).

No ultraviolet or infrared radiation
iGuzzini LED products are suitable for lighting **sensitive materials or perishable goods.**

No harmful materials or substances
iGuzzini studies and uses solutions with **the lowest environmental impact.**

Reliable partnerships
The leading Italian lighting design company, iGuzzini is a world leader considered to be a healthy manufacturer.
iGuzzini partner for a better light.

When selecting an LED product it is a good idea to assess the quality of all of the components. iGuzzini uses independent bodies to certify product safety.
iGuzzini guarantees its products for 5 years.
iGuzzini is synonymous with quality.

Application

Large urban, cultural, social projects mean new opportunities to make the most of lighting and enhance surfaces and spaces. They allow freedom of configuration and design, well-being and quality of working environments, museums, commercial spaces, professional and domestic settings, but also urban and residential parks and gardens as well as large spaces such as airports and stations, religious sites and hospitality structures.

Lungonieva Dvortsovaya
St. Petersburg, Russia

Leicester Square
London, United Kingdom

National Museum of China
Beijing, China

National Center for performing ARTS
Beijing, China

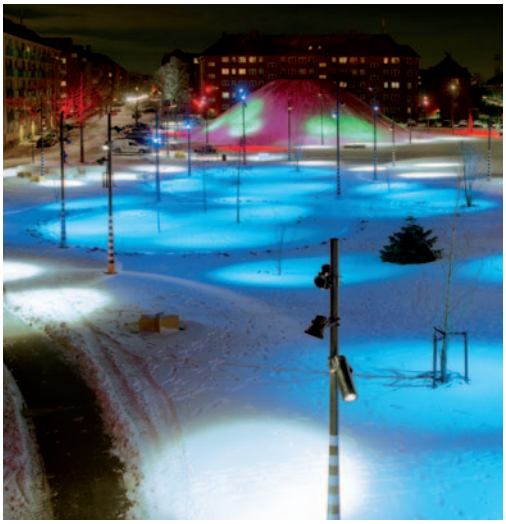
International Airport
Carrasco, Uruguay

ThyssenKrupp Headquarters
Essen, Germany

Eataly
New York, USA

Corte Ingles
Zaragoza, Spain

Pangu Plaza Hotel
Beijing, China



1001 Alberi
Copenaghen,
Denmark

Rubensluciano
premises
Stra, Italy

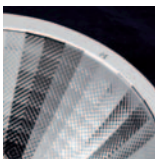
High Museum of Art,
Atlanta, USA

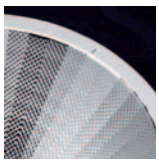
Stella McCartney,
Rome, Italy

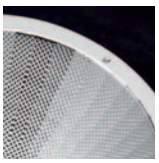
High *Light* Topics
2014 Technological Innovations

Optics
Opti Beam optics, the result of extensive research by the iGuzzini **Innovation Lab**, improve, **color consistency**, avoiding halo effects, marks or double rings produced by traditional and LED lamps. These optics, influenced by the **molecular programming** of molding processes, are available with lenticular surfaces which are all interchangeable.

Spot

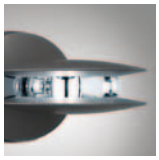
Medium


Flood


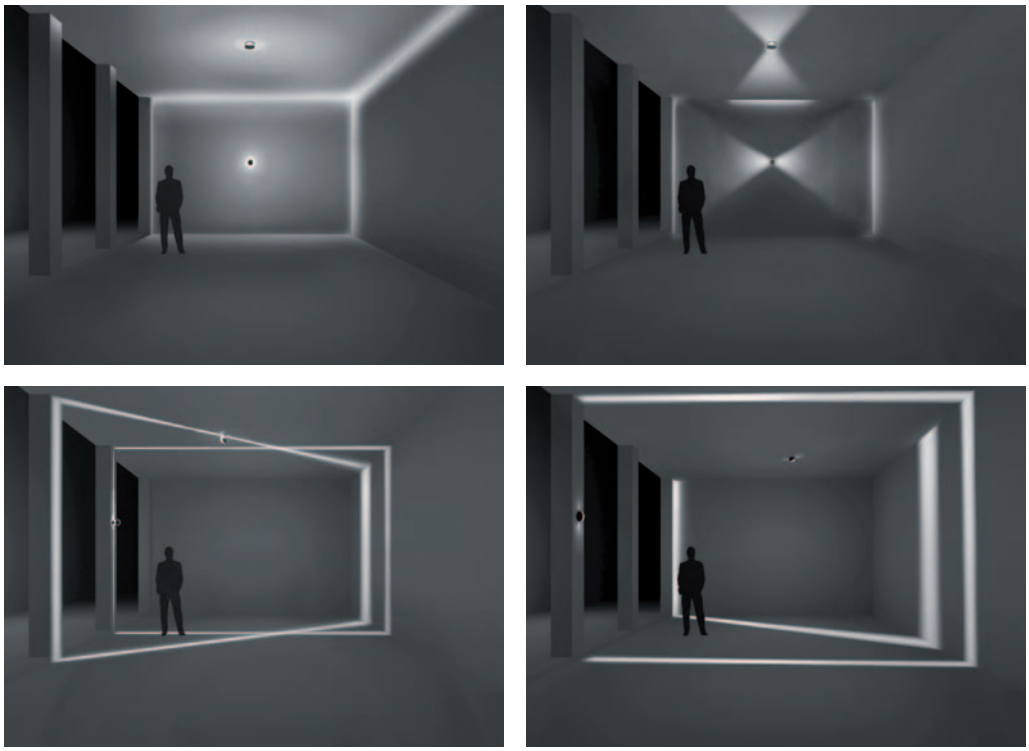
Wide Flood


Opti Smart is the new **optical frontier** in **street lighting** in terms of **performance**: this technology improves the luminous flux and guarantees low power consumption, lasting lamps, and reduced CO_2 emissions. Two cutting edge systems of optics guarantee visual comfort: the first for streets with **vehicular traffic** (glare index G4), the other for **urban pedestrian areas** (glare index G6).

A unique and innovative effect on the market can be attributed to the use of a **toroidal convex flat lens** designed by the iGuzzini Innovation Lab. Made of high-transmission methacrylate, this lens expands the boundaries of lighting: from a single horizontal wall to the entire room. Lines which are extensive, sharp and at the same time clean produced by a miniaturized lens with extraordinary power and modernity.

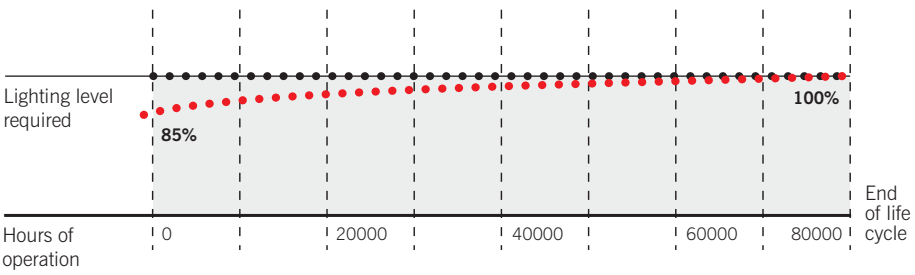


Graphic Lighting
Nowadays lighting may also be seen as a guiding principle of space. It can literally be used as a semantic driver, using signs, graffiti, creating gaps, emphasizing angles and curves, vectorizing surfaces, highlighting spaces.
A new method **Graphic Lighting**, has been created, only for specialists, only with banks of optics and highly innovative architectural integration.
With its Trick, Underscore and Laser Blade lighting programs, iGuzzini is shifting lighting use frontiers, opening up new opportunities and new disciplines.



Software
The Constant Lumen Output **Optimizer** is a **system for regulating** power and is the top choice for urban luminaires, guiding designers' choices based on two different drivers, the most efficient or the least onerous solution. **It increases the advantages** of traditional CLO systems: the **Optimizer** considers the actual **temperature** of the place where the luminaires operate and optimizes the **power** based on the features of the luminaire installed. With the **software** on the iGuzzini website users can identify the most suitable luminaires for achieving the **performance** required by the project. CLO **Optimizer promotes low initial investments** - choice of product with the fewest LEDs or **reduces power consumption** - choice of most efficient product. Once the solution has been defined, the files needed for adjustments can be downloaded and transferred to the luminaire using the USB Pen Profiler.

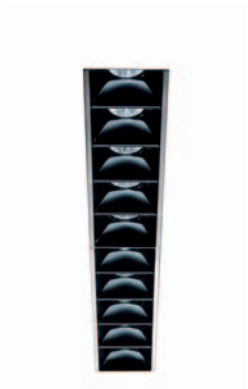
CLO Optimizer with system programming



- Power variable over time
- Constant luminous flux, with any drop in flux over time due to lamp ageing offset by increased power

High *Light* Tools
New products 2014

Laser Blade
Visionary and imaginative, this program **revolutionizes the traditional downlight concept.** The linear luminaire, using the physical principle of the point light source, **as if by magic creates a circular light emission. Lighting is present, but the lamp is concealed in the architecture.** The Laser Blade program provides various application solutions: recessed, open channel system, surface-mounted and pendant. Even the optics cater for many customization requirements: high contrast, general lighting, wall washer and adjustable.



High Contrast minimal

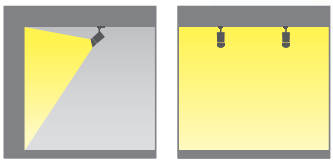
High Contrast frame

General Lighting

Wall Washer

Adjustable

Palco
Palco, the line of professional spotlights, is extended with new optics: **wall washer** and **profiler.** The wall washer version, its shape inspired by the design of a brush, has a **flow director** able to direct the light beam onto the wall evenly. Palco profiler is a single die-cast aluminum body including the power supply and optical assembly, guaranteeing the **absence of reflections on the ceiling.**

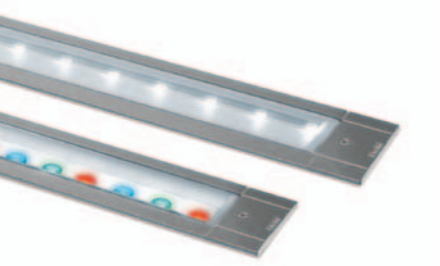


WW

Metal gobo | Shaper | Slide | Customized gobo | Iris

High *Light* Tools
New products 2014

Linealuce
In addition to consolidated performance, Linealuce offers two innovative lighting design advantages. **Real White** guarantees a pure white. In contrast, the **White Tuning** versions allow the color temperature to be modulated depending on the material of the surface to be lit. This means that in some applications Linealuce can follow the natural light by simply selecting the color temperature based on the various times of day.

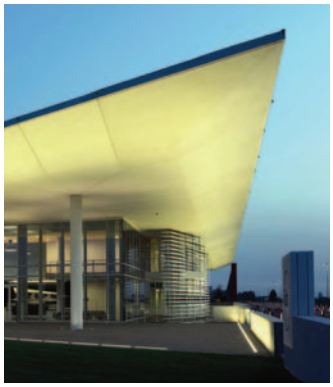


Real White
To guarantee maximum uniformity of the white, a W+RGB+W module is available, for use with individual luminaires and at the start of a continuous line.

Typical RGB white

White Real White

White Tuning
These versions allow continuous adjustment of the colour temperature from 2700 to 6000K.


Warm white
2700K

Neutral white
4000K

Cool white
6000K

Trick
New set-ups with extremely small luminaires, real lighting gems. **Graphic Lighting** design, that is to say infinite creativity, blades of light which in wall lighting pick out doors and windows, without dispersion or reflections. **Trick is a unique product**, contemporary, condensed technology in terms of its size and the cleanness of the dual purpose effect: effects and vertical evenness. A new style made up of lines has arrived, now able to light surfaces with a 180° or 360° effect. Trick pushes the envelope of building with lighting.

High *Light* Tools
New products 2014

Underscore
Just a few millimeters of light, to create complex geometries, fully of character and very dynamic: straight lines, circles, hyperbolas and parabolas for controlling, **emphasizing details and defining spaces**. Light blades which can be used to mark out paths and obstacles, to draw textures and set the tone of a place. Underscore becomes part of the architecture, creating a **magical atmosphere**; applied on surfaces they can be split or multiplied, underscoring steps or producing curious gaps.

Master Pro DMX
A **smart, innovative**, control system, **fast and dynamic** for centralized management of all lighting functions, with dynamic color change or monochrome, which are normally controlled separately. Master Pro DMX offers flexible solutions, each time guaranteeing maximum energy savings and the best possible effects when using lighting to **enhance the architectural, inspirational and communicative aspects of outside environments**, in particular building facades.

Light Management System

Open Systems

28 Master Pro DMX

34 Master Pro Evo

44 LMS Quick

Preconfigured Systems

50 Colour Quick

Preconfigured Internal luminaires

141 Express Evo

133 Deep Laser

306 Lineup ww

326 iSign

Preconfigured External luminaires

541 iPro

552 Woody

552 MaxiWoody

566 Platea

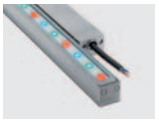
580 Light Up wp

586 Light Up Light

597 Ledplus

610 Lun-Up

643 Glim Cube

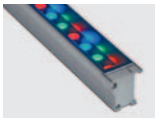


506 Linealuce Mini

510 Linealuce Mini recessed

515 Linealuce Compact

520 Linealuce Compact recessed



525 Linealuce

528 Linealuce recessed

531 Led Tube

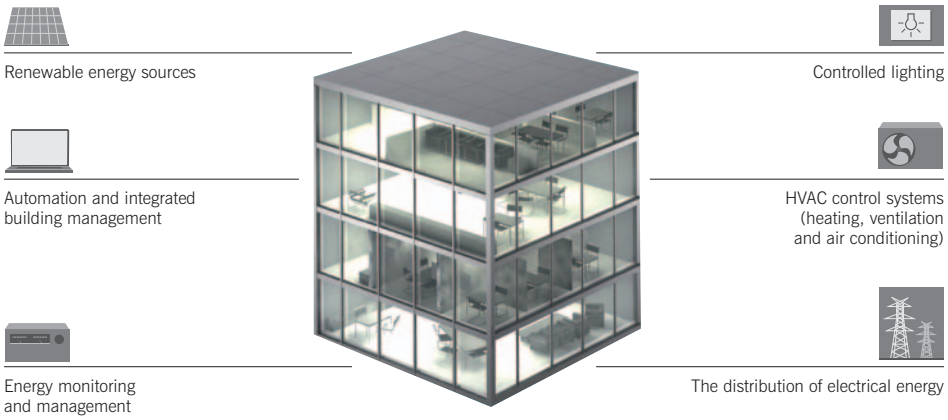
Light Management System

The History

Light has always had a fundamental role. Either natural or artificial, light is part of our life and affects our biological rhythms and daily activities. Over the years iGuzzini has carried out an intense research programme that has led to the development of lighting management systems to take full advantage of correct lighting.
Back in 1988 the investigation started with Sivra; in collaboration with Spazio S.a.S of Milan, the National Research Institute, the Lighting Research Center of the Rensselaer Polytechnic Institute of Troy and Futuro of Florence. Originally developed as a solution to problems encountered in enclosed settings, Sivra (Variable Lighting System with Automatic Regulation) showed that the use of light can stimulate the human body, improve concentration and productivity skills.

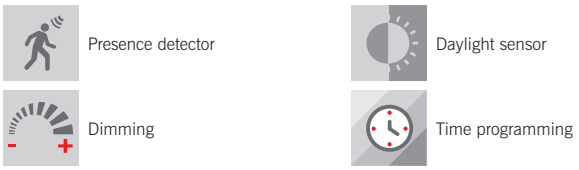
Energy Saving

The increasingly widespread use of heating, air conditioning, lighting and new technology has provoked a considerable increase in energy demands in our buildings. Consequently up to 50% of CO_2 emissions can be attributed to commercial and residential buildings on account of their high level of electricity consumption. Commercial and residential buildings account for 40% of global energy consumption.



Through specific light control functions (presence sensors, daylight sensors and timers) used individually or in combination, light management systems you can obtain:

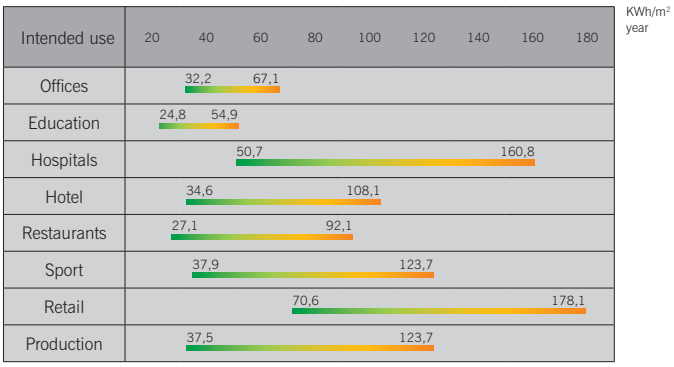
- Maximum energy saving and lower CO_2 emissions
- Cost reduction
- Maximum comfort for customers
- Wide flexibility for each type of project
- Possibility to create personalised light scenes



L.E.N.I.

Lighting Energy Numeric Indicator specifying the assessment method for quantifying the energy used for interior lighting in buildings.

Energy requirements for lighting
- Total lighting power
- Constant lighting
- Natural light use (yes/no)
- Occupation factor
- Natural light factor
- Parasite power (CTRLS)
- Total circuit power
- Use of energy saving luminaires
- Light Management System



For each intended location there are 12 limit values that vary according to the type of lighting system

Light Management System

The light

Lighting in its colour variations (RGB and RGB + White) together with the possibility of modulating the colour temperature from 2700 to 6000K (Warm/Neutral/Cool), offer important opportunities for emphasising the identity of spaces and making them more welcoming and comfortable. In fact, the pursuit of wellbeing involves various places where multi-sensory factors and technology become increasingly important in terms of what is perceived and seen. Lighting management also allows us to make the most of details and routes, to create a sense of depth and surprising backgrounds. It provides emphasis and theatre, for designing and creating environments packed with a variety of styles.

Open Systems: Master Pro Evo / Master Pro DMX / LMS Quick

KNX PROTOCOL DMX PROTOCOL LON PROTOCOL DALI PROTOCOL

Each space has its own configuration, specific purposes and exact lighting requirements. Open light management systems operate with great flexibility and versatility to meet the diverse needs of specific settings. Designed to fit in with any environment, these can be programmed and configured.

Connected to each interface, they allow each component of a system to be controlled using KNX, LON and DALI protocols.
The selection of the light management system will depend on the type, size and complexity of the space.

Preconfigured Systems: Color Quick

PLUG and PLAY

Preconfigured lighting management systems are designed to provide a simple management mode for lighting installations that use a selection of iGuzzini fittings.

The Plug and Play technology immediately allows for automatic use, without need for configuration or assistance by specialised personnel.

The intuitive display guarantees user-friendly use. These systems give life to versatile plays of light and colour to create suggestive scenarios.

Settings

Monospace
Light management in a single room

Multispace
Simultaneous management of various light scenes in a multi-room environment

LMS **Light Management System**
Integrated automatic management of lighting for buildings

New Master Pro DMX

Features

A “smart”, innovative control system, based on DMX RDM technologies allowing centralized management of all lighting functions, with dynamic color change or monochrome, which are usually controlled separately.

Master Pro DMX offers flexible solutions for all requirements, guaranteeing maximum energy savings and the best possible effects in terms of using lighting to rapidly alter perceptions of spaces.

DMX PROTOCOL

Customized projects
iGuzzini technical staff and designers are available, upon request, to find the best possible Master Pro DMX system configuration.
Every project is studied taking into consideration specific customer requirements.

Architectural
Customize control solutions to make them reflect who you are, enhancing and highlighting your idea of the outer features of the architecture whose meaning, in that way, changes every time.

Retail
Display goods elegantly and inspire purchasing behavior.

Hospitality
Provoke an emotional response and use lighting to create serene, intriguing atmospheres.

Master Pro DMX

Functions

The Master Pro DMX system's potential is highlighted in the lighting of facades, where vertical and horizontal geometries can be created, promoting a highly effective visual impact even for buildings which have a very simple structure.

Master Pro DMX

System block diagram

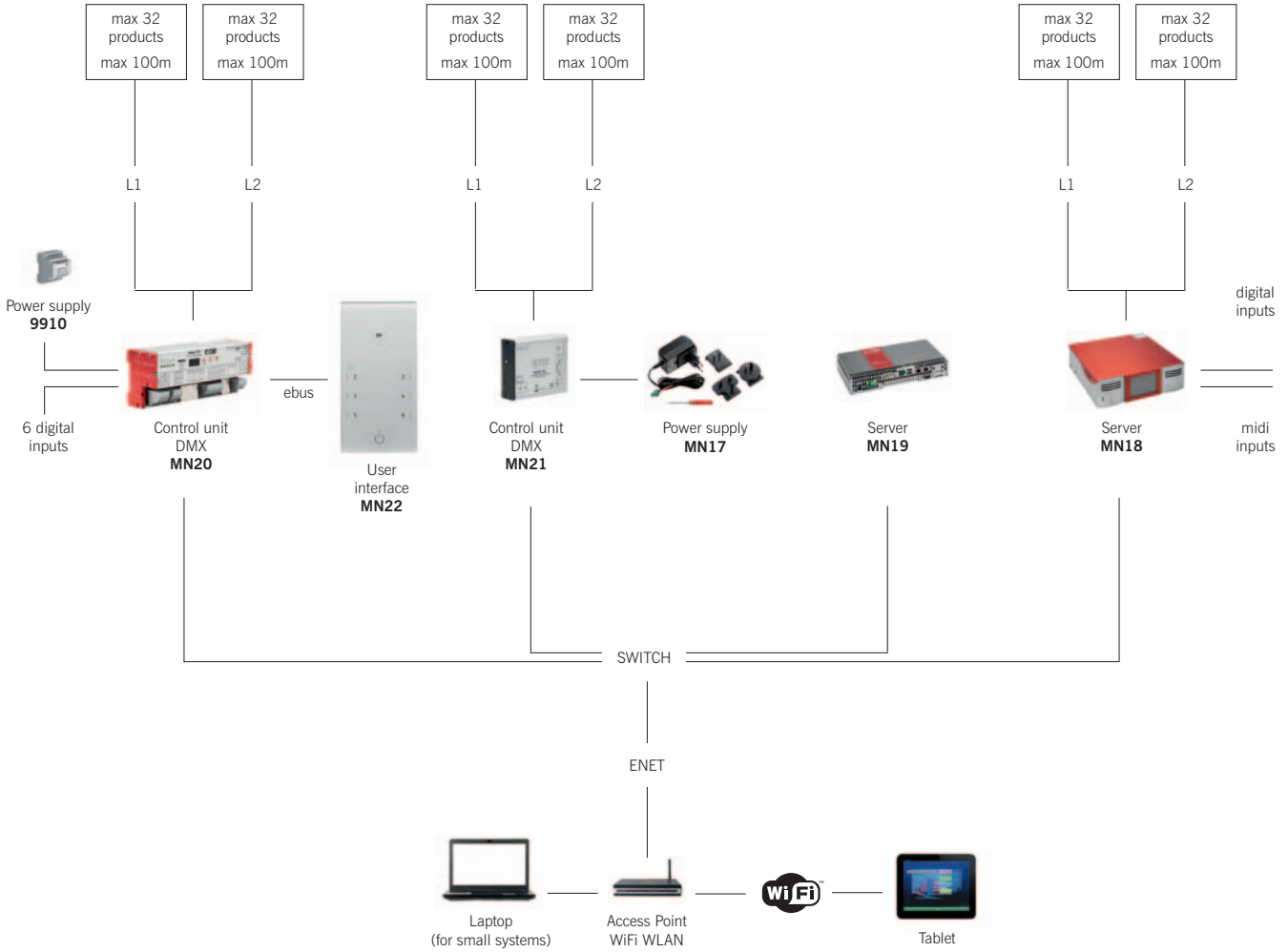
Speed and dynamism are the strong points of Master Pro DMX.
The combination of the various modules allows DMX luminaires (monochrome, RGB, RGBW, WRGBW, white tuning) to be controlled in a way that makes it possible to create systems of any size. A customisable graphical user interface allows users to control the recall of fixed lighting setups or replay dynamic sequences from remote technological devices (WiFi or Ethernet). The system is made up of the DMX control unit, called a Butler, and accessories for the use of additional, non-DMX luminaires.

For small lighting systems stand-alone mode is possible, with a server, called a LCE, for on-line control of the entire system. This system can be integrated in The Building Automation using the related Gateway Connect EIB/KNX module.

Small systems

Medium systems

Large systems



Optional devices (not supplied by iGuzzini) for manually controlling the system, retrieving and using commands pre-configured at the programming stage. Such devices cannot change the programming previously performed.

Master Pro DMX

Control engines

code colour

Server LCE “Lighting Control Engine” 600 W

MN18 00

VIN=100÷240Vac

Server LCEMx “Lighting Control Engine mx” 100 W

MN19 00

VIN=24Vdc - Current 4A

code colour

Interface/Engine “Butler XT2” (1024 channels DMX/RDM) 34 W

MN20 00

VIN=12÷24Vdc - Current≥1,35A

with e:bus 24Vdc (Glass touch panel)

Interface/Engine “Butler S2” (1024 channels DMX/RDM) 6 W

MN21 00

VIN=12÷24Vdc via ext. PSU

Current max 250mA

VIN=48Vdc via PoE (Power over Ethernet)

User terminals

code colour

Glass keyboard - Glass Touch T6R White

MN22 01

VIN=24Vdc - 18mA via e:bus - IP20

Interfaces and accessories

code colour

“DMX2CC 6 channel”

MN23 00

DMX dimmer for LED products which use Constant Current (CC) dimming - 6 channels

VIN=24÷48Vdc - max 4,5A - max 180 W

Max output adjustable current: 50-700mA for channel

Max 12 LEDs per channel, up to a total of 72 LEDs

code colour

“DMX2PWM 6 channel”

MN26 00

DMX dimmer for constant voltage (CV) LED products (PWM controllable) - 6 channels

VIN=12÷48Vdc*

Output current per channel: max 2A.

Input continuous current (power supply): max. 14A

* Power supply (PSU) 12Vdc for LED to 12Vdc
Power supply (PSU) 24Vdc for LED to 24Vdc
Power supply (PSU) 48Vdc for LED to 48Vdc

“DMX2CC 12 channel”

MN24 00

DMX dimmer for LED products which use Constant Current (CC) dimming - 12 channels

VIN=24÷48Vdc - max 9A - max 360 W

Max output control current: 50÷700mA for channel

Max 12 LED for channel, up to a total of 144 LEDs

Gateway Connect EIB/KNX

MN27 00

Converts the unidirectional data of the KNX (Konnex) protocol into the E:CUE (e:net) Ethernet protocol

VIN=24Vdc (21÷32Vdc) - 3W

“DMX2PWM 3 channel”

MN25 00

DMX dimmer for constant voltage (CV) LED products (PWM controllable) - 3 channels

VIN=12÷48Vdc*

Output current per channel: max 2,5A.

* Power supply (PSU) 12Vdc for LED to 12Vdc
Power supply (PSU) 24Vdc for LED to 24Vdc
Power supply (PSU) 48Vdc for LED to 48Vdc

“RDM ISOLATOR”

MN28 00

DMX signal amplifier/isolator

VIN=9÷48Vdc - 1W

Master Pro DMX

Interfaces and accessories

code colour

6-way DMX512 splitter and amplifier bi-directional, DIN rail enclosure

MT87 00

V_{IN}=9÷48Vdc - max 1,5A - 8 W

Power supply kit, 12W with plugs (EU, UK, US, DE), screwdriver and connector for “Butler S2” code MN21

MN17 00

V_{IN}=100÷240Vac - V_{OUT}=12Vdc - 1000mA

for MN21

Electronic power supply designed to mount on a DIN standard profile DIN 72 WW

9910 00

V_{IN}=220÷240Vac / 50÷60Hz
V_{OUT}=24Vdc ±2% (SELV)

for MN20

Electronic power supply designed to mount on a DIN standard profile DIN 120 W

BZK0 00

V_{IN}=88÷264Vac / 50÷60Hz
V_{OUT}=24÷28Vdc (SELV)

for MN19

code colour

Electronic power supply designed to mount on a DIN standard profile DIN 120 W

BZ14 00

V_{IN}=88÷264Vac / 47÷63Hz
V_{OUT}=48÷55V (SELV)

for MN23-MN24

Electronic power supply designed to mount on a DIN standard profile DIN 240 W

BZ15 00

V_{IN}=88÷264Vac / 47÷63Hz
V_{OUT}=48÷55V (SELV)

for MN23-MN24

Electronic power supply designed to mount on a DIN standard profile DIN 480 W

BZ16 00

V_{IN}=90÷264Vac / 47÷63Hz
V_{OUT}=48÷55V (SELV)

for MN23-MN24

Railway viaduct - Chaumont, France
Lighting project: Jean-François Touchard - Photo: Didier Boy de la Tour

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Master Pro Evo

Features

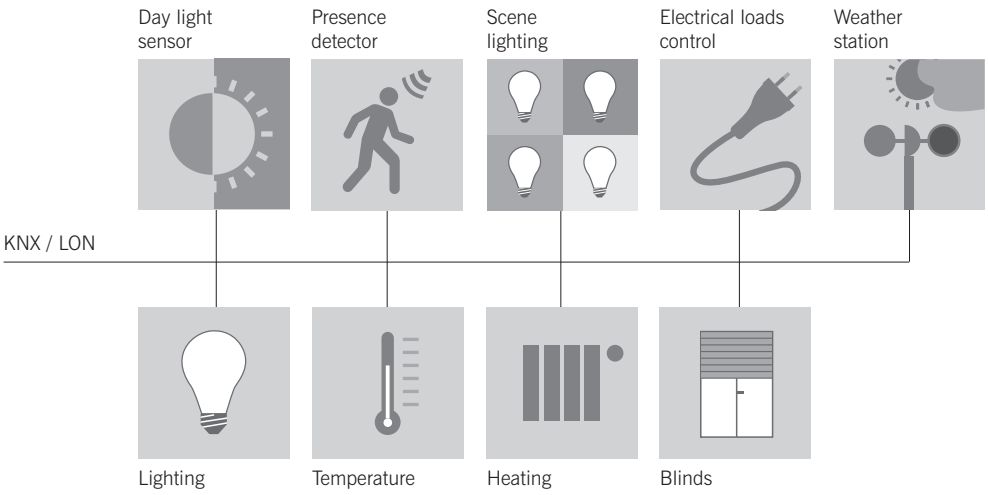
This innovative «intelligent» control system, based on KNX, LON and DALI technology, allows all the functions in a building that are usually controlled separately, to be managed via a centralised system.
Master Pro Evo offers flexible solutions for all kinds of application; solutions that guarantee comfort, safety and maximum energy savings.

Customised projects
iGuzzini's team of technicians and designers are always ready to ensure an optimal configuration of the Master Pro Evo system. Every project is designed taking into acount the customer's specific requirements.

KNX PROTOCOL LON PROTOCOL DALI PROTOCOL

Centralized control

Adopting simple programmable logic controllers in a traditional system can guarantee users optimal comfort. Today, thanks to the KNX / LON systems, highly adaptable solutions can be designed that cover all applications, from the simplest to the most complicated service industry system. User-friendly installation, less cables, and a range of services including scene lighting, fault indications, and local and remote control systems, now combine to offer real added value solutions.



Master Pro Evo

The system in action

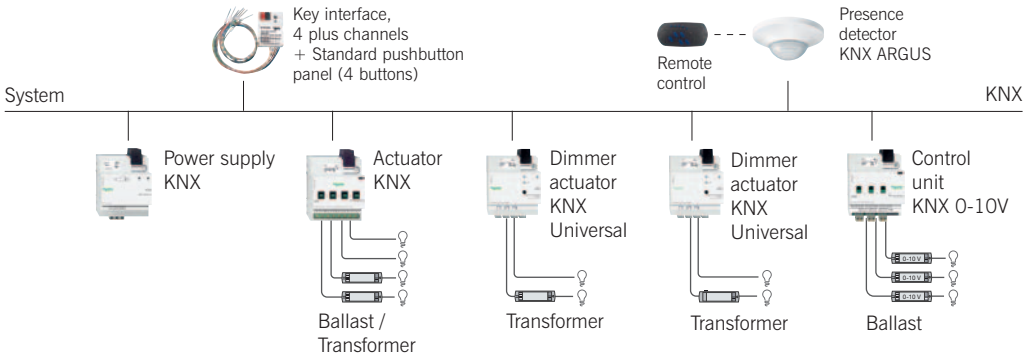
Conference halls

Automatic scene lighting control commands

Depending on the functions and uses required, customised lighting scenarios can be created in various areas of the building: meeting rooms, coporate welcome areas, offices, etc.

Benefits

- 10% less electrical energy used compared to a traditional system for a room of a similar size.
- More comfort for users and a more pleasant atmosphere in the room.
- Maximum design flexibility
- Manual, automatic and remote adjustment options via an IR receiver.
- Easy maintenance.



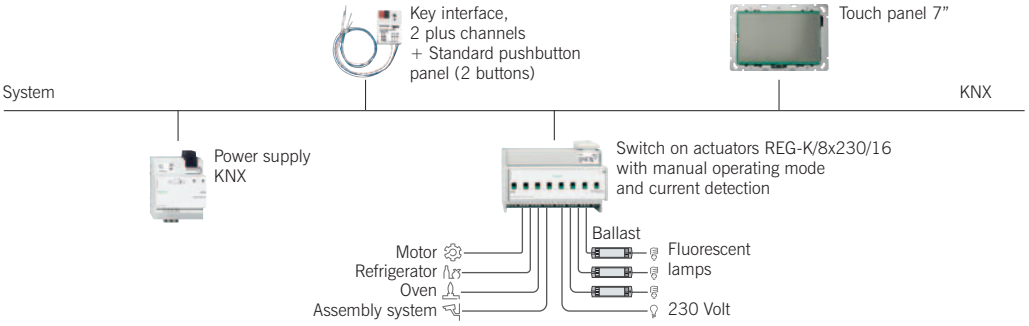
Showroom

KNX switch on actuators connected to a load monitoring touch panel

Monitoring electrical loads after store closures, such as lighting systems, surveillance cameras and other kinds of devices, help avoid unnecessary energy waste. This configuration also allows lighting systems to be programmed during the night.

Benefits

- Monitoring consumption and identifying potential waste can result in savings of over 10%.
- Superior safety levels thanks to automatic alarms and emergency calls.
- Superior flexibility and a user-friendly design.



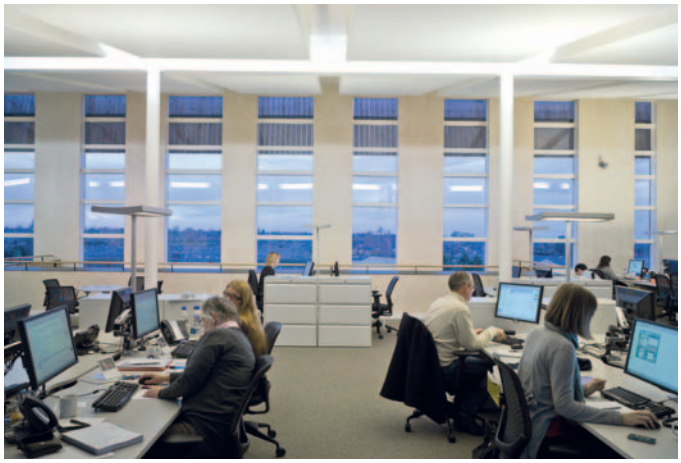
Master Pro Evo

The system in action

Offices

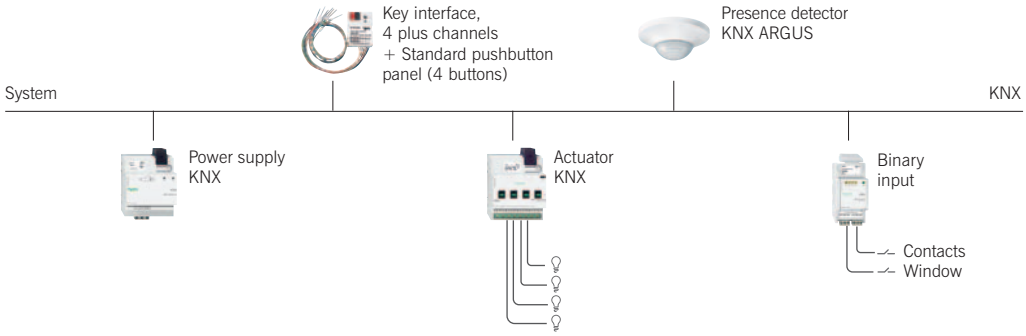
Presence detectors and light sensors

Automatic lighting and heating monitoring for the various offices is obtained through the interaction of sensors and actuators that eliminate manual intervention and offer increased safety, energy efficiency and comfort.



Benefits

- Automatated room monitoring reduces energy consumption by 35%.
- Higher safety levels thanks to alarms and automated emergency calls.
- Faster installation times
- Easy maintenance



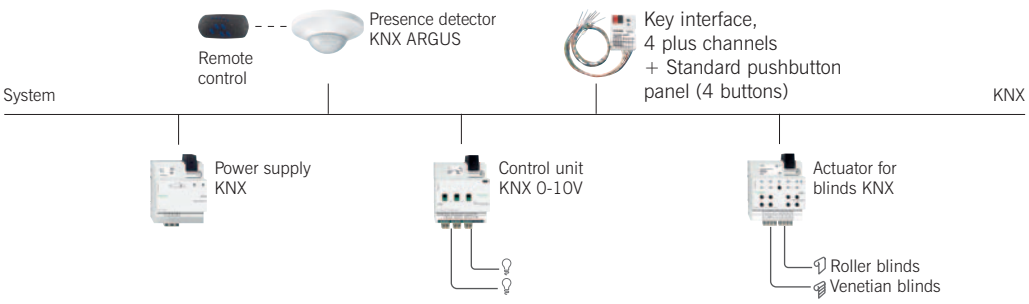
Polyfunctional centres

Presence detectors, light sensors and actuators for controlling blinds.

The combination of various checking systems allows lighting to be controlled automatically and blinds to be regulated according to how the rooms are used, what their position is and the level of natural light.

Benefits

- The chance to save up to 50%.
- Higher safety levels and savings thanks to alarms and automated emergency calls.
- Remote control and monitoring system.
- Easy maintenance.
- Greater flexibility and easier to install.



Master Pro Evo
KNX protocol

System Components

code colour

KNX REG-K/320 mA power supply

MH93 00

A module adapted to generate the bus voltage required to power a line of devices.
Current: 320 mA

KNX REG-K/640 mA power supply

MI56 00

A module adapted to generate the bus voltage required to power a line of devices.
Current: 640 mA

REG-K coupler

MH94 00

For the logic connection and isolating lines and areas electrically.

code colour

REG, 24 V CC / 0,4 A< power supply

MI57 00

Device with integrated overload or short circuit protection fitted on the DIN EN5022 guide and adapted to provide an auxiliary power supply to the KNX components.

Infrared remote contol
Distance 2010

MH95 04

10 channel infrared remote contol

Interfaces / Gateways

code colour

USB REG-K interface

MH96 00

For connecting a programming or diagnostic device to the bus line via a USB1.1 or USB2 interface.

KNX DALI REG-K/1/16(64)/64 Gateway

MH97 00

The DALI gateway connects the KNX protocol to the DALI interface digital electronic devices. Up to 64 reactors can be commanded and adjusted by dividing them into 16 units.

WIFI connection system
for APPLE systems

MI34 00

The miniserver simplifies “interaction” with Apple devices: iPad and iPhone. It can control up to 300 devices and 50 areas (spaces).

code colour

KNX/IP REG-K router

MH98 00

The KNX/IP routers can also forward telegrams between lines using the LAN (IP) as a rapid backbone.

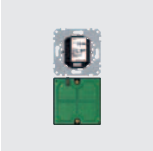
KNX-DMX gateway

MI28 00

The DMX gateway connects the KNX protocol to the DMX RDM interface digital electronic devices. Enabling up to 512 reactors to be controlled and regulated.

Master Pro Evo
KNX protocol

Buttons / Control devices



code colour

Command electronics for single/double or quadruple keys

MH99 00

The command electronics can be programmed as a single/double or quadruple key.
With an orientation LED.
The glass cover buzzes before starting to operate.

Single glass key

MI00 21

To switch and dim lighting systems, command the blinds and scenarios.

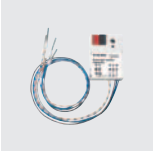
code colour

Trancent frame, single

MI01 12

For horizontal and vertical installations.

Inputs / Binaries



code colour

Key interface, 2 plus channels

MI02 00

This generates an internal signal voltage that connects two conventional buttons or floating contacts as well as connecting two low current LEDs.

Key interface, 4 plus channels

MI03 00

This generates an internal signal voltage that connects four conventional buttons or floating contacts as well as connecting four low current LEDs.

REG-K/4x10 binary input

MI04 00

For connecting four conventional buttons or potential-free contacts. It generates an SELV signal voltage internally that is electrically isolated by the bus.

REG-K/8x10 binary input

MI05 00

For connecting eight conventional buttons or potential-free contacts. It generates an SELV signal voltage internally that is electrically isolated by the bus.

code colour

REG-K/4x24 binary input

MI06 00

For connecting four inputs with a voltage of 24 V AC/DC. With an integrated bus coupler and life-connected terminals.

REG-K/8x24 binary input

MI07 00

For connecting eight inputs with a voltage of 24 V AC/DC.

REG-K/4x230 binary input

MI08 00

For connecting four inputs with a voltage of 230 V AC. With an integrated bus coupler and life-connected terminals.

REG-K/8x230 binary input

MI09 00

For connecting eight inputs with a voltage of 230 V AC. With an integrated bus coupler and life-connected terminals.

Time / timer programmer

code colour

REG-K/4/324 DCF-77 annual timer

MI16 00

Annual four-channel timer with a power feed unit and integrated DCF receiver.
To be integrated with the DCF-77 antenna for radio-controlled timing synchronisation. Time and date view option on the bus. The device can be programmed manually or via a PC with the appropriate software.

code colour

DCF-77 antenna

MI17 00

Antenna for receiving the time via a time signal.
The antenna can be connected to an annual programmer REG-K/4/324 DCF-77.

Master Pro Evo
KNX protocol

Movement / presence detectors

code colour

KNX ARGUS Presence Basic

MI10 01

Presence detector for interiors

KNX ARGUS Presence with light command and infrared receiver

MI11 01

Presence detector for interiors. Thanks to the infrared receiver, the individual ARGUS Presence configurations can be changed via remote control.

Ceiling assembly base for ARGUS Presence

MI12 01

code colour

Recessed KNX ARGUS 180/2,20 m

MI58 01

Movement detector for interiors with anti-scratch cover.

Frame for recessed presence sensor KNX Argus 180/2.20 m

MM30 01

Recessed mounting base for ARGUS Presence

ML15 16

Light sensors / Weather stations

code colour

KNX light and temperature sensor

MI13 00

The sensor registers the light and temperature d transmits them to the bus.
It is fitted with a temperature and a light sensor.
Adapted for outer wall assembly.

REG-K weather station with 4 channels

MI14 00

The weather station registers and processes analog sensor signals indicating wind speed, light, dusk, rainfall and a DCF-77 signal. It can be fitted to any combination of up to four analog sensors plus the combined DCF-77 weather sensor.

code colour

Combined weather sensor with DCF-77

MI15 04

The combined weather sensor includes a wind sensor, a rainfall sensor, a dusk sensor and three light sensors (east, south and west). Plus an integrated DCF-77 receiver, a 45° adjustable antenna and integrated heating.

Switch actuators

code colour

FM KNX 16 A actuator with 2 inputs

MI18 00

A 1-channel actuator with two inputs for assembly in a 60 mm recessed case or in a ceiling-mounted socket with coupling. The two floating contacts can be connected to two inputs.

Switch actuator REG-K/2x230/16 with manual mode option and current detector

MI19 00

For controlling two electric loads independently.
The actuator is fitted with a built-in current detector that can measure current absorption on each channel.
All the outputs can be commanded using manual switches.

code colour

Switch actuator REG-K/4x230/16 with manual mode option and current detector

MI20 00

For controlling four electric loads independently.
The actuator is fitted with a built-in current detector that can measure the load current on each channel.
All the outputs can be commanded using manual switches.

Master Pro Evo
KNX protocol

Switch / blind actuators

code colour

Switch actuator REG-K/8x230/16 with manual mode option and current detector

MI21 00

For controlling eight electric loads independently. The actuator is fitted with a built-in current detector that can measure the load current on each channel. All the outputs can be commanded using manual switches.

Switch actuator REG-K/12x230/16 with manual mode option and current detector

MI22 00

For controlling twelve electric loads independently. The actuator is fitted with a built-in current detector hat can measure the load current on each channel. All the outputs can be commanded using manual switches.

code colour

REG-K/8x/16x/10 switch/blind actuator with manual mode option

MI23 00

For controlling eight blind/shutter motors independently or for switching sixteen loads via closure contacts. The blind or switch channel function can be configured as required. All the blind/switch outputs can be commanded manually using the buttons on the front of the device.

REG-K/4x24/6 blind actuator with manual mode option

MI24 00

For controlling four blind/shutter motors independently. The blind channel function can be configured as required. All the blind outputs can be commanded manually using the buttons on the front of the device.

Dimmer

code colour

Dimmer actuator REG-K/2x230/300W

MI25 00

For controlling and adjusting incandescent lamps and electronic transformers.

Universal dimmer actuator REG-K/2x230/1000W

MI26 00

For controlling and adjusting incandescent lamps and HV and LV halogen lamps using bobbin wound transformers or electronic dimmer devices.

code colour

0-10 V REG-K 3-pole control unit with manual mode option

MI27 00

For connecting devices with a 0-10 V KNX systems interface. With an integrated bus coupler and life terminals (230 V) or life-connected terminals (0-10 V). Each individual 230 V switch output can be controlled manually with a switch.

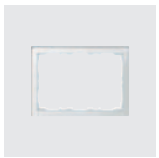
Display and control panels

code colour

Touch panel 7”

MI33 00

The 7” touch panel is used to view and check the building’s current functions and states.



Internal framework set for 7” touch panel

MI29 01

The set includes an internal support frame and USB cover.

Aluminium frame for 7” touch panel

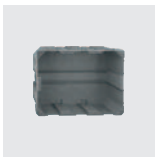
MI30 12

Decorative aluminium frame for 7” touch panel.

code colour

Frame for 7” touch panel

MI31 01



Case for recessed mounting and assembly in a plasterboard wall for 7” IP touch panel

MI32 00

Master Pro Evo
LON protocol

System Components

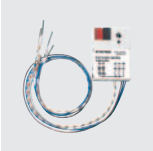
code colour

LPS 133 power supply
MI35 00

Power supply for luminaires
with LPT (Link Power Transceiver)

ABL8MEM24012 power supply
MI36 00

Power supply 24Vdc



code colour

LON button interface
MI37 00

Digital output

code colour

LON DR-N 4S-16A I/O module
MI38 00

Independent switch for four load units.
Four relay outputs.

LON DR-N 8S 10A I/O module
MI39 00

Independent switch for eight load units.
Eight relay outputs.
Voltage supply: 24Vdc

code colour

LON DR-M 8S 10A I/O module
MI40 00

Independent switch for eight load units.
Eight relay outputs.

DR-N MSCU4-AC I/O module
MI41 00

Four blinds can be custom-controlled using
standard motors with interference protection.
Eight relay outputs.

DALI control unit

code colour

Control unit LON DALI DR-S 4DIM
MI42 00

Controls and powers up to 64 DALI luminaires
divided into four units. Directs DALI luminaires with LNS
plug-ins. Provides DALI with a 16 V voltage supply.

Control unit LON DALI DR-S 8DIM
MI43 00

Controls and powers up to 64 DALI luminaires
divided into four or eight units.

Control unit LON DALI DR-S 16DIM
MI44 00

Same features as the LON DALI DR-S 4DIM
control unit, but this type of control unit allows
16 DALI units to be controlled.

code colour

LON DALI DR 4x16 DIM Gateway
MI45 00

Four DALI outputs for controlling up to 64 DALI
luminaires for output, divided into sixteen units.

DALI DR-N 140 power supply
MI46 00

Power feeder for LON DALI REG 4x16 DIM gateway.
One 24 Vcc output (max 7 W).
Outputs for powering up four DALI lines
(16 Vcc, 116 mA for output).

Master Pro Evo
LON protocol

DALI multisensors

code colour

DALI LA-11 multi-sensor

MI47 01

Presence detector and light sensor linked with a DALI interface. Adapted for a LON DALI DR-S 8DIM control unit and a DALI REG 4x16 DIM gateway item.

code colour

ILA-22 multi-sensor

MI48 01

Presence detector, light sensor and IR receiver linked. The IR receiver is used to control different ambience functions (together with the IR remote control).

Dimmer outputs

code colour

DR-N DIM 500-UNI I/O module

MI49 00

A universal dimmer for turning on/off and dimming incandescent lamps. HV and LV halogen lamps ith bobbin wound transformers or electronic dimmer switches.
Connected load: max 500 VA.

code colour

LON DR-M 8DI DC-P I/O module

MI52 00

Luminaires connected with floating contacts.
Eight imputs.

DR-N 3DIM 1-10V I/O module

MI50 00

Controls luminaires with a 1-10 V interface (controllable electronic ballasts, electronic transformers etc.) Three analog outputs (1-10 V) for dimming and three relay outputs (N.A. contact, 16 A) for on/off function.
Current load (analog output): max 100 mA.

LON LT-23 AP multi-sensor

MI53 00

For controlling equipment on the basis of sunlight and external temperature.
Light sensor and integrated temperature detector.
Light sensor field: 1 .. 65.000 Lux
Temperature detector field: -20 .. +50°C

LON DR-M 4DI I/O module

MI51 00

Luminaires connected with floating contacts.
Four inputs.

Interface / Gateway

code colour

Web Sever

MI54 00

code colour

Infrared remote control

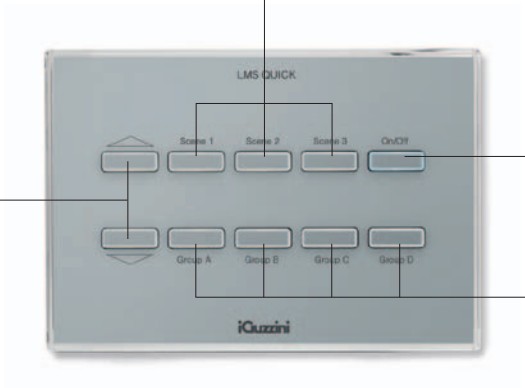
MI55 04

Legendre Headquarters - Rennes, France
Architectural project: Agence Unité, Anthony Rio and Jean-Charles Colliot - Jean-Claude Pondevie - Photo: Philippe Ruault

513
514

LMS Quick

design Maurizio Varratta



Features

It is an open management system that uses the DALI communication protocol to create customised flexible lighting directions while ensuring maximum energy saving. Lighting converts the space in a cosy setting where light and colour come to life and arouse emotions in a dynamic sequence of perceptive variations.

The control panel allows to select and play different light and colour scenes according to the desired effects and atmospheres.

iGuzzini infrared control (compatible with universal infrared control)

Customized cover

iGuzzini keypad compatible with Eurostandard and Schuko junction boxes

Split and Play

Monospace open system used to manage preset scenes of white or coloured light. The system offers the possibility of choosing from 10 different presets, each one programmed with specific preset scenes and preset atmospheres and light effects designed for a particular space. A freely settable option is also available. LMS Quick is an open light management system that uses DALI communication protocol to create customised and flexible light displays that also guarantee maximum energy savings.

Open Office

Office

Meeting

Retail

Spa

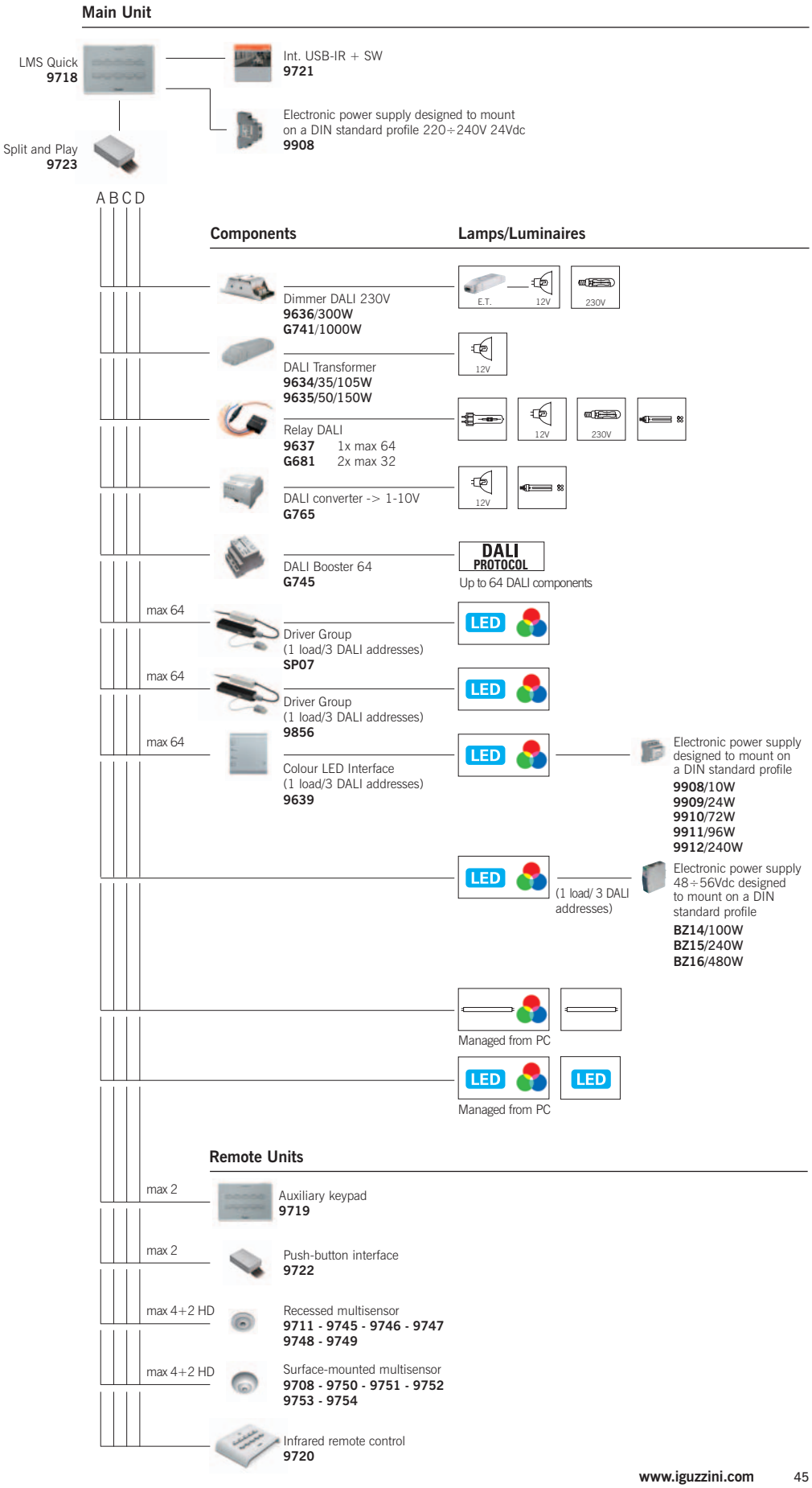
Church

LMS Quick

Block diagram

64 DALI addresses
Used to control all luminaires with + and – keys. Used to switch on/off and control groups of light sources A, B, C and D separately and play max. 3 lighting scenes. Used to switch on/off luminaires in entire space with On/Off key. In case of at least one multisensor, lighting scene 3 will set the automatic control mode of artificial light according to daylight (energy saving). Equipped with IR receiver/transmitter to communicate with PC or infrared control. It can be reconfigured with PC and it can play max. 7 groups or 7 scenes (+, – and On/Off keys are fixed).

For the system definition, refer to the instructions.



LMS Quick

System Components

code colour

Split and Play device
45x45x16h **9723** 00

Device for Plug and Play installation of
LMS QUICK system with max. 4 groups.
Provided with 4 outputs, one for each lamp group.
Installation is started with a combination of keys.

IR remote control
9720 01

DALI TR Dimmer 300 W
9636 00

Power: 40-300 W (resistive load), 240 VA (inductive load)
Input voltage: 230-240 -10%, +6% Vac
Nominal frequency: 50/60Hz
DALI load: 2mA
DALI address: 1
Dimming range: 1-100%.
Room temperature: Ta 0-40°C
Protection against overheating and short-circuit
Output wires maximum length: 50 metres
Built-in installation in devices or DIN track
Number of DIN modules: 3
Occupies 1 DALI address

DALI Dimmer 100/1000 W
mains voltage lamps
G741 00

Power: 100-1000 W resistive load
Input voltage: 230-240 -10%, +6% Vac
Network frequency: 50/60Hz
DALI load: 2mA
DALI address: 1
Dimming range: 1-100%
Room temperature: Ta 0-40°C.
Protection against overheating and short-circuit
Output wires maximum length: 50 metres
Installation on DIN track
Number of DIN modules: 6
Occupies 1 DALI address

code colour

DALI 12 V transformer
for 35-105 W dimming
9634 00

Power: 35-105W
Input voltage: 230-240 10%, +6% Vac
Network frequency: 50/60Hz
Output voltage: 11.6 Vac
DALI load: 2mA
DALI address: 1
Dimming range: 1-100%
Soft-start lighting up
Room temperature: Ta -10/+50°C
Protection against overheating and overcharge
with automatic regulation
Protection against short-circuit with automatic reset
Class II
Occupies 1 DALI address

DALI 12 V transformer
for 50-150 W dimming
9635 00

Power: 50-150VA
Input voltage: 230-240 Vac
Network frequency: 50/60Hz
Output voltage: 11.8 Vac
DALI load: 2mA
DALI address: 1
Dimming range: 1-100%
Room temperature: Ta -25/+50°C
Protection against overheating and overcharge
with automatic regulation.
Occupies 1 DALI address

DLC RM -1x - DALI 1X dynamic relays 4A
9637 00

Maximum current load: 4mA
Input tension: 230-240 -10%, +6% Vac
Network frequency: 50/60Hz
Output voltage: 230-240 Vac
DALI load: 2mA
DALI address: 1
Maximum load according to EN-60947
1000W for resistive load (AC1)
300VA for inductive load (AC15)
185W for monophasic engines
Room temperature: Ta 0-40°C
Class II
Free installation

LMS Quick

System Components

code colour

DALI 2X Electronic Relays 10A

G681 00

Maximum current: 2x10A
Input voltage: 230-240 -10%, +6% Vac
Nominal frequency: 50/60Hz
Output voltage: 2 dry contacts
DALI load: 2mA
DALI address: 2
Maximum charge according to EN-60947
2500W for resistive load (AC1)
600VA for inductive load (AC15)
440W monophasic engines
Room temperature: Ta 0-40°C
Class II
Installation on DIN track
Number of DIN modules: 4
Occupies 2 DALI addresses

code colour

DALI -> 1-10 V converter

G765 00

Maximum load: 10 A (for resistive load),
5 A (for inductive load).
Input voltage: 230 +/- 10% Vac
Network frequency: 50/60Hz
Output signal: 1-10V
Maximum number of connectable lamps:
1x18W max 30 2x18W max 20
1x36W max 30 2x36W max 20
1x58W max 20 2x58W max 10
DALI load: 2mA
DALI address: 1
Dimming range: 1-100%
Output wire maximum length: 100 metres
Class II
Installation on DIN track
Number of DIN modules: 4

DALI Booster 64.
Electronic device for the expansion
of DALI systems (up to 64 addresses)

G745 00

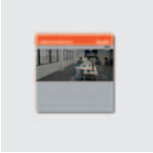
Input voltage: 220-240 -10%, +6% Vac
Network frequency: 50/60Hz
DALI load: 2mA
DALI address: 1
Internal DALI supplier for 64 DALI addresses
(maximum power: 128 mA).
Class IP20
Number of DIN modules: 4

Electronic power supply designed to
mount on a DIN standard profile 10W

9908 00

Input voltage: 90-260Vac
Output voltage: 24+/-3%Vdc
Frequency: 48/63Hz
Nominal power: 10W
Yield: 80%
Number of DIN modules: 1

Interfaces



code colour

USB-IR Interface + software

9721 00

Software for installation and configuration
of lighting installation made with LMS QUICK.

PC interface with IR technology and USB cable
for connection with system through PC.

LMS Quick

Buttons / Control devices

size	code colour
Quick DALI (keypad whit 10 keys + built-in controller)	
115x80x20h	**9718** 01-15

10-key panel to control all groups and scenes configured in the system. 1 on/off key, 2 dim keys, 4 group keys and 3 scene keys.
Installation on standard 503 recessed box (not included).
Max. 7 groups/scenes
Max. 64 DALI loads
Max. 10 peripheral units (button interface, multisensor, auxiliary key panel)
Plug and Play solution with Split and Play device
Reconfiguration of scene and group keys from PC
Manages all light sources (halogen, fluorescent, incandescence, LED, discharge)
Used to control RGB lamps
Can be customized with printed covers
Rx/Tx IR on board

code colour
Auxiliary keypad with 10 keys
9719 01-15

10-key panel to load max. 7 groups/scenes, general dimming, and on/off. Installation on standard 503 recessed box (not included).
Can load the same functions saved in the LMS QUICK master panel during configuration.
Can be customized with printed covers.

Inputs / Binaries

code colour	
Push-button interface with 8 buttons	
9722 00	113,60

The interface inputs have the same fixed functions at replicate the functions of the master panel:
One ON/OFF button
Four keys to load the lamp group
Three keys to call the light scene

Movement / presence detectors

code colour	
Recessed multisensor	
IR + Lux + Human Detector	**9711** 01
IR + Lux	**9745** 01
Lux + Human Detector	**9746** 01
Recessed sensor	
Lux	**9747** 01
Human Detector	**9748** 01
IR	**9749** 01

code colour	
Surface-mounted multisensor	
IR + Lux + Human Detector	**9708** 01
IR + Lux	**9750** 01
Lux + Human Detector	**9751** 01
Surface-mounted sensor	
Lux	**9752** 01
Human Detector	**9753** 01
IR	**9754** 01

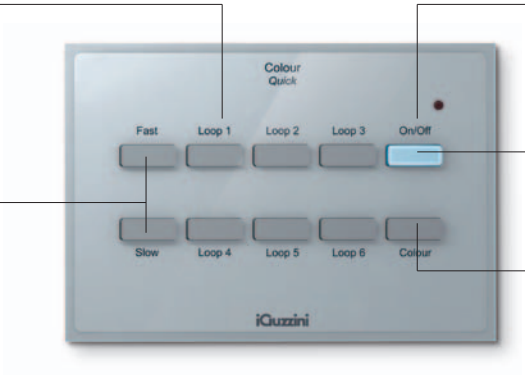
Cassa di Risparmio di Firenze Auditorium - Florence, Italy
Lighting project: Gianni Ronchetti - Photo: Giuseppe Saluzzi

Colour Quick

design Maurizio Varratta

Colour luminous scenes
allow for using 6 predefined sequences

Control buttons
used to change the execution speed of the selected sequence



On/off in soft mode

Buttons with luminous memory

Selection of specific colours
colour is changed at every touch for a max. of 7

Features

Intuitive and user-friendly, Colour Quick is a colour control system for LED and fluorescent RGB luminaires. It plays predefined scenes and sequences to design settings with total flexibility. Space is alive and in continuous motion, with the possibility to create customised lighting directions.

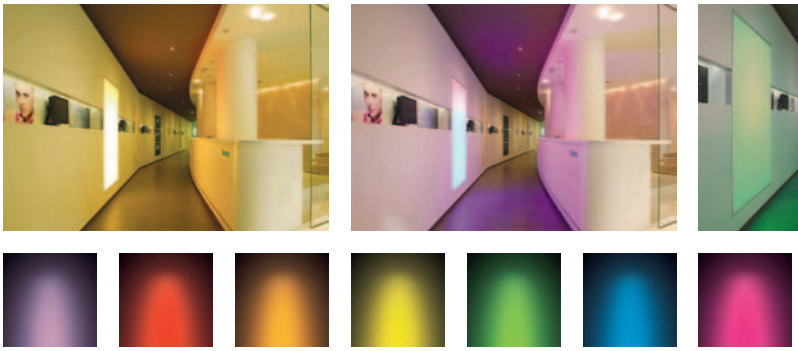
Used to attract, communicate and signal, colour highlights and valorises all settings that need a magic suggestive atmosphere.
The system is automatically configured with Plug and Play technology for immediate use.

Remote control

Compatible with Euro standard and Schuko connection boxes

Functions

The buttons with light memory are used to obtain max. 7 colour variations, 6 predefined sequences and change the speed of the selected sequences.

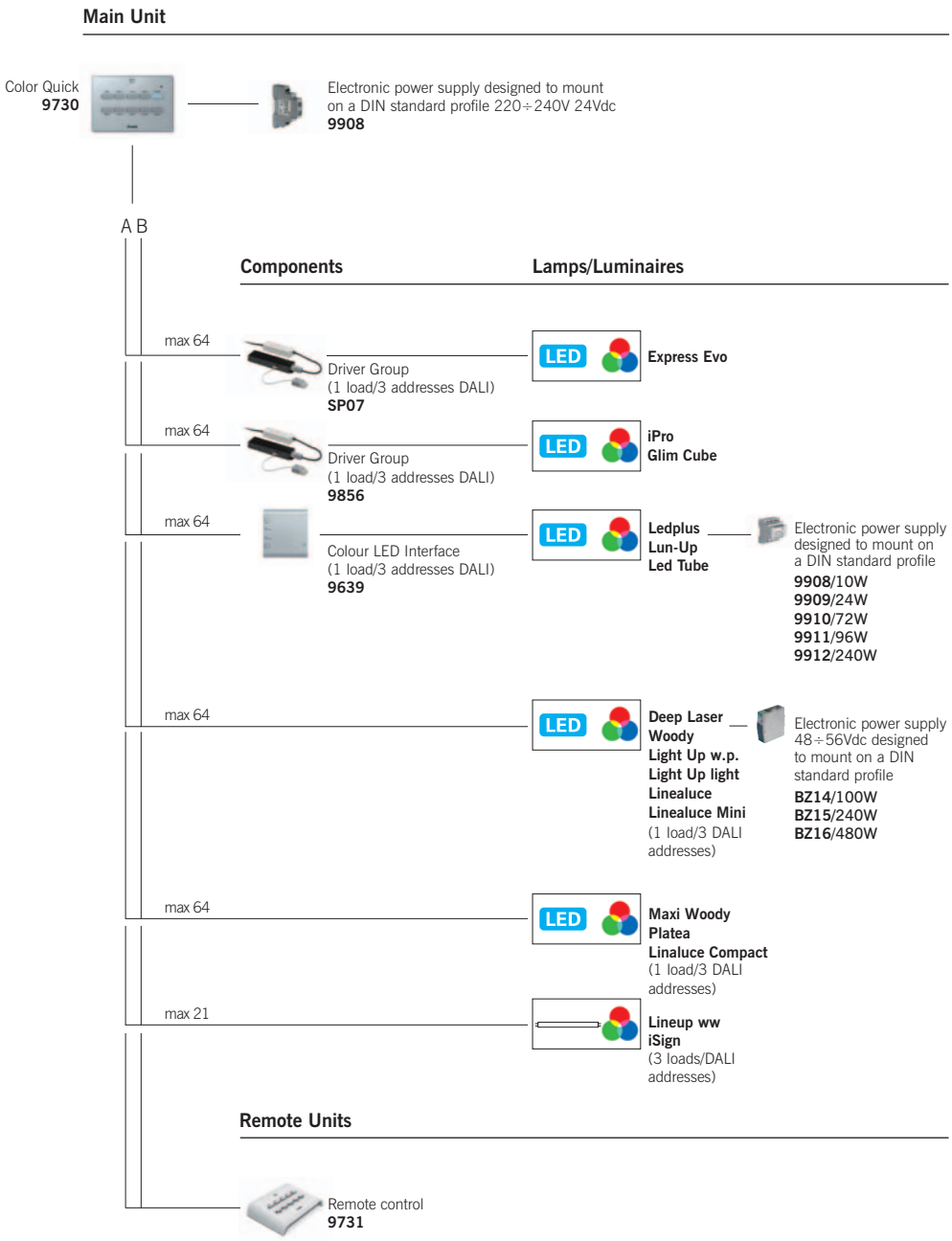


Colour Quick

Block diagram

Max 64 DALI loads
The number of products managed by the system is determined by the ratio between the maximum permitted load (64 DALI loads) and the individual loads of each product.

For the system definition, refer to the instructions.



System Components

size	code colour	€
Colour Quick 115x80x20h	**9730** 01-15	

Remote control	**9731** 01	

code colour
Electronic power supply designed to mount on a DIN standard profile 10 W **9908** 00

Input voltage: 90-260Vac
Output voltage: 24+/-3%Vdc
Frequency: 48/63Hz
Nominal power: 10W
Yield: 80%
Number of DIN modules: 1

Downlights

Downlights

58 Laser Blade
High Contrast
LED

58 Laser Blade
General Lighting
LED

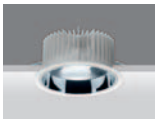
58 Laser Blade
Wall Washer
LED

58 Laser Blade
Adjustable
LED

79 Reflex professional
fixed
LED

84 Reflex professional
adjustable
LED

87 Reflex professional
wall washer



91 Reflex Easy
LED

100 Sistema
Easy MH

102 Sistema
Easy FL

106 Sistema Easy
Comfort FL

109 Pixel Pro
LED

118 Pixel Plus
LED

121 Pixel

124 Laser Pixel /
Moon

126 Laser
fixed/adjustable
LED

129 Pinhole

133 Deep Laser
LED

141 Express Evo
LED

150 Frame /
Minimal
LED

158 Deep Frame /
Deep Minimal
LED

Multy-optical assembly luminaires

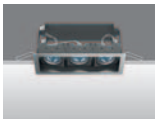
148 Express Evo
LED

114 Pixel Pro Frame
LED

129 Pinhole

139 Deep Laser
Multiple
LED

150 Frame /
Minimal
LED



158 Deep Frame /
Deep Minimal
LED

Recessed modular systems

71 Laser Blade
System53
LED

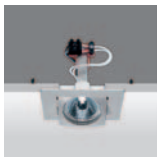
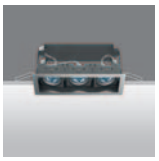
166 Bespoke
LED

National Museum of China - Beijing, China

Architectural project: GMP- Meinhard Von Gerkan and Stephan Schütz with Stephan Rewolle and Doris Schäffler
Lighting project: Conceptlicht GmbH and TsinHgua Design Institute - Photo: Christian Gahl

Downlights

	Laser Blade	Reflex professional	Reflex Easy	Sistema Easy	Pixel Pro	Pixel plus	Pixel
Fixed horizontal luminaires	●	●	●	●			
Adjustable horizontal luminaires	◉	◉			◉	◉	◉
Wall-washer vertical luminaires	●	●	●	●			
Installation with rim (Frame)	●	●	●	●	●	●	●
Installation flush to ceiling (Minimal)	●	●					
LED lamp	●	●	●		●	●	
Traditional lamp		●		●	●	●	●

Laser	Pinhole	Deep Laser	Express Evo	Frame / Minimal	Deep Frame / Minimal
					
●	●	●			
◉	◉	◉	◉	◉	◉
	●				
●	●	●	●	●	●
		●	●	●	●
●		●	●	●	●
●	●	●	●	●	●

Downlights

Coloured filters

The luminaire/coloured filters combination uses colours to emphasise and change spaces and objects.

Soft lens filter

This filter defines the borders of the light cone.

with filter

without filter

IR/UV filter

These filters reduce and control ultraviolet (UV) and infrared (IR) rays.

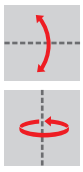
Controlled luminance

Luminaires equipped with these optics (L≤1000 cd/m² for α<65°) are suitable for use in environments with video terminals in accordance with EN 12464-1.

High output

These optics allow compliance with European standards, guaranteeing a high level of light output and consequent energy savings.

Double-adjustability

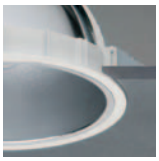


These luminaires permit rotation around vertical axis and tilting with respect to horizontal plane. Degrees change according to luminaire.

Installation

Recessed luminaires can be installed flush with the ceiling (Minimal or frameless version) or using the outer rim (Frame version). The minimum sizes of the installation compartment are displayed in the product's instruction leaflet.

Minimal version



Frame version

Electronic features

Ballast Multiwatt

The luminaires are equipped with ballasts for fluorescent lamps which allow selection of the installed power. This means greater flexibility in terms of use and consequent energy savings.

Emergency lighting

Luminaires incorporating an emergency device, in compliance with the regulations governing their use, are now widespread in homes, offices and public areas.

Switch Dim

This system allows DALI luminaires to be dimmable even using a standard electric button.

Schiess Wohntextil showroom - Erlen, Switzerland
Architectural project: Daniel Huber Architektur - Photo: Daniel Huber

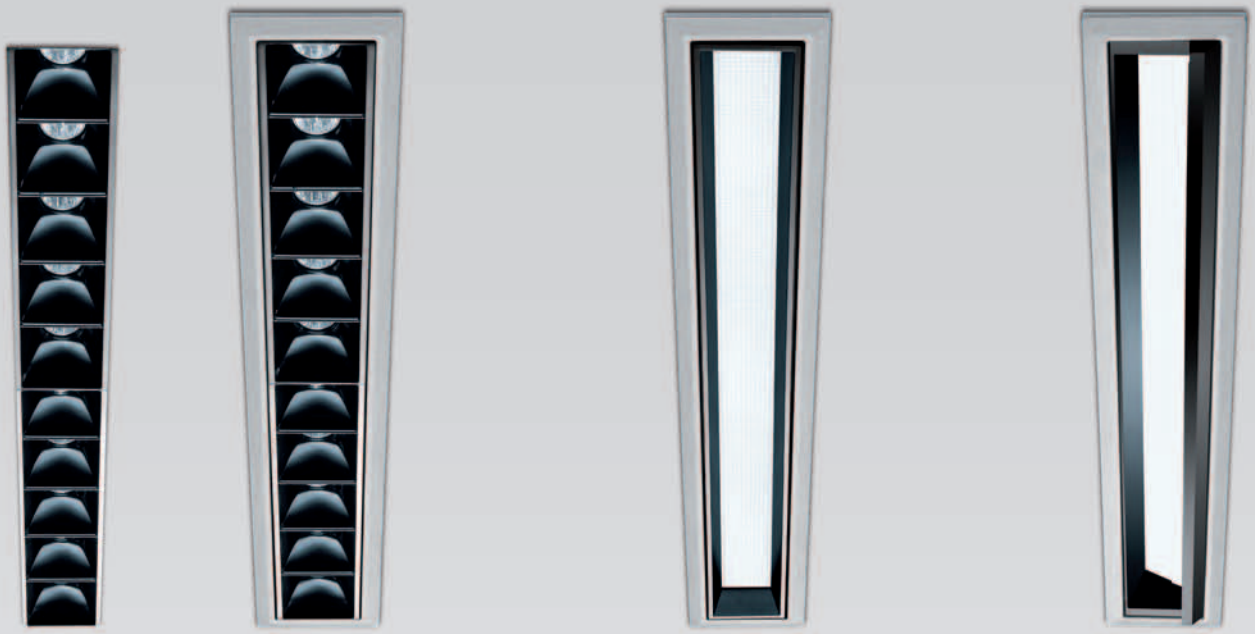
SCHIESS

Laser Blade

High Contrast UGR<19
minimal version
frame version
page 60

General Lighting
page 63

Wall Washer
page 65



Flood optic
α 34°

Wide Flood optic
α 48°

General
lighting optic

Wall washer
optic

Adjustable single
UGR<19 page 68

Adjustable
Flood optic
α 34°

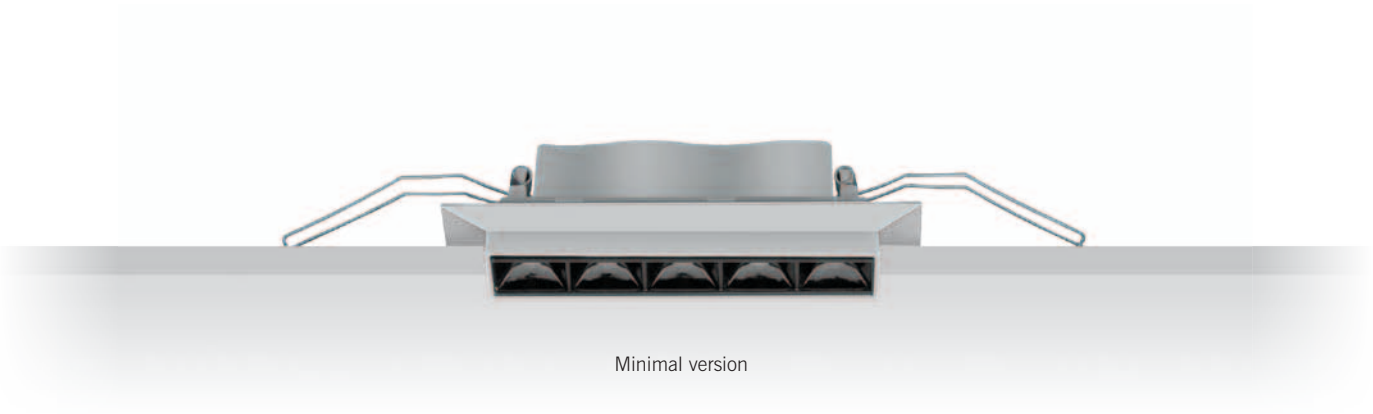
Adjustable
Wide Flood optic
α 48°

Adjustable double
UGR<19 page 68

Adjustable
Flood optics
α 34°

Adjustable
Wide Flood optics
α 48°

Laser Blade High Contrast



Minimal version

Features

IP20/IP23

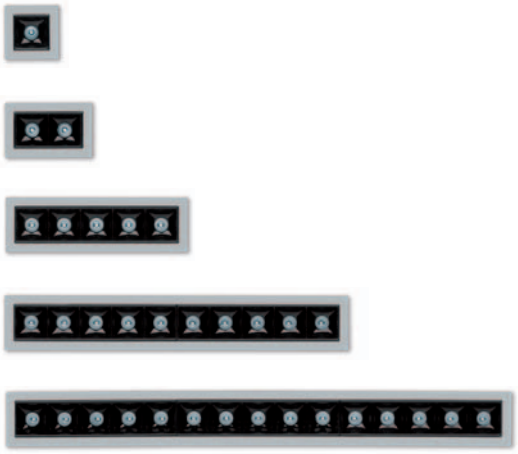
- Recessed installation in false ceilings with 1 to 25 mm; fixing system with steel wire springs.
- Main body with radiant surface made of die-cast aluminium.
- High-definition optics made of metallised thermoplastic material, integrated in the innovative black anti-glare screen that defines emission with luminance control UGR<19.
- Versions with perimeter rim (frame) and flush with ceiling (minimal); single LED or multiple-cell models available.
- The special configuration of the optical system delivers a precise circular distribution without punctiform effect.
- High visual comfort.
- Installation without tools.

Compact size

Visual comfort UGR<19

Range

Frame



Minimal

Laser Blade High Contrast

04
BLACK

47
WHITE/BLACK

74
GREY/BLACK

Optics and lamps

F - Flood
α 34°

WF - Wide Flood
α 48°

LED	2,1 - 4,1 - 10W
	21 - 31W

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	ENERGY SAVING	HIT-CE	ENERGY SAVING
900	10W	50W	80%	-	-
1800	21W	2x50W	79%	-	-
2700	31W	3x50W	79%	35W	11%

(3000K) LED energy saving compared with conventional lamps

light source	W	lm	optic	code **colour**
LED	**Frame installation**			
	Neutral white			
	2,1 W	200	34°	**MK45** 47-74
	Warm white			
	2,1 W	180	34°	**MK46** 47-74
	Warm white - CRI 97			
	2,1 W	155	34°	**MQ75** 47-74

Class of Insulation III

light source	W	lm	optic	code **colour**
LED	**Minimal installation**			
	Neutral white			
	2,1 W	200	34°	**MT91** 04
	Warm white - CRI 97			
	2,1 W	155	34°	**MT92** 04

Class of Insulation III

light source	W	lm	optic	code **colour**
LED	**Frame installation**			
	Neutral white			
	4,1 W	400	34°	**MK47** 47-74
	Warm white			
	4,1 W	360	34°	**MK48** 47-74
	Warm white - CRI 97			
	4,1 W	310	34°	**MQ76** 47-74

Class of Insulation III

light source	W	lm	optic	code **colour**
LED	**Minimal installation**			
	Neutral white			
	4,1 W	400	34°	**MT93** 04
	Warm white - CRI 97			
	4,1 W	310	34°	**MT94** 04

Class of Insulation III

Laser Blade High Contrast

04
BLACK

47
WHITE/BLACK

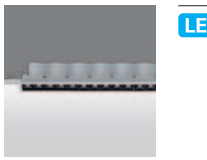
74
GREY/BLACK

light source	W	lm	optic	code colour
LED	**Frame installation**			
	Complete with power supply			
	Neutral white			
	10 W	1000	48°	**MK49** 47-74
	Warm white			
	10 W	900	34°	**MK50** 47-74
	10 W	900	48°	**MK51** 47-74
	Neutral white DALI			
	10 W	1000	48°	**MQ77** 47-74
	Warm white DALI			
	10 W	900	34°	**MQ78** 47-74
	10 W	900	48°	**MQ79** 47-74
	Warm white DALI - CRI 97			
	10 W	770	34°	**MQ80** 47-74
	10 W	770	48°	**MQ81** 47-74

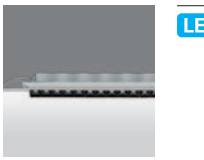
light source	W	lm	optic	code colour
LED	**Minimal installation**			
	Complete with power supply			
	Neutral white			
	10 W	1000	48°	**MK36** 04
	Warm white			
	10 W	900	34°	**MK37** 04
	10 W	900	48°	**MK38** 04
	Neutral white DALI			
	10 W	1000	48°	**MQ86** 04
	Warm white DALI			
	10 W	900	34°	**MQ87** 04
	10 W	900	48°	**MQ88** 04
	Warm white DALI - CRI 97			
	10 W	770	34°	**MQ89** 04
	10 W	770	48°	**MQ90** 04

light source	W	lm	optic	code colour
LED	**Frame installation**			
	Complete with power supply			
	Neutral white DALI			
	21 W	2000	48°	**MK52** 47-74
	Warm white DALI			
	21 W	1800	34°	**MK53** 47-74
	21 W	1800	48°	**MK54** 47-74
	Warm white DALI - CRI 97			
	21 W	1530	34°	**MQ82** 47-74
	21 W	1530	48°	**MQ83** 47-74

light source	W	lm	optic	code colour
LED	**Minimal installation**			
	Complete with power supply			
	Neutral white DALI			
	21 W	2000	48°	**MK39** 04
	Warm white DALI			
	21 W	1800	34°	**MK40** 04
	21 W	1800	48°	**MK41** 04
	Warm white DALI - CRI 97			
	21 W	1530	34°	**MQ91** 04
	21 W	1530	48°	**MQ92** 04



light source	W	lm	optic	code colour
LED	**Frame installation**			
	Complete with power supply			
	Neutral white DALI			
	31 W	3000	48°	**MK55** 47-74
	Warm white DALI			
	31 W	2700	34°	**MK56** 47-74
	31 W	2700	48°	**MK57** 47-74
	Warm white DALI - CRI 97			
	31 W	2300	34°	**MQ84** 47-74
	31 W	2300	48°	**MQ85** 47-74



light source	W	lm	optic	code colour
LED	**Minimal installation**			
	Complete with power supply			
	Neutral white DALI			
	31 W	3000	48°	**MK42** 04
	Warm white DALI			
	31 W	2700	34°	**MK43** 04
	31 W	2700	48°	**MK44** 04
	Warm white DALI - CRI 97			
	31 W	2300	34°	**MQ93** 04
	31 W	2300	48°	**MQ94** 04

components

	code	colour
Electronic power supply 17 W Max 7 LED connected	**MXF9**	00
Electronic power supply DALI 50 W Max 15 LED connected	**BZM4**	00

New Laser Blade General Lighting

Features

IP20/IP43

- Recessed installation in false ceilings with 1 to 25 mm; fixing system with steel wire springs.
- Main body with radiant surface made of die-cast aluminium.
- Versions with perimeter rim (frame).
- Optics with specialist prismatized diffuser screen for diffused lighting distribution.
- Installation without tools.

DALI PROTOCOL

Compact size

Range

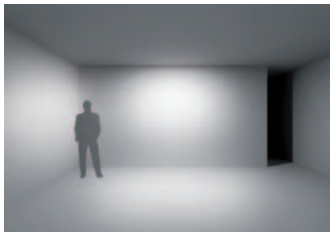
Frame

Laser Blade General Lighting

47
WHITE/BLACK

74
GREY/BLACK

Light distribution



G - General

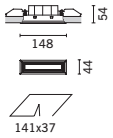
LED	10 - 21 - 31W

General Lighting ECA Versions
(UK 2013)
Effiency 60 lm/W LED Neutral

- LED **Single Chip**
- Colour stability
  Mac Adam <3
- Life
  50000 h **L80**
- Color temperature:
  Neutral white **4000K**
  Warm white **3000K**

lumen lm	LED	QR CBC 51		HIT-CE	
900	10W	50W	80%	-	-
1800	21W	2x50W	79%	-	-
2700	31W	3x50W	79%	35W	11%

(3000K) LED energy saving compared with conventional lamps



light source W lm code colour

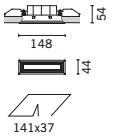
LED Complete with power supply
Neutral white
10W 1000 **MQ55** 47-74

Warm white
10W 900 **MQ57** 47-74

Neutral white DALI
10W 1000 **MQ58** 47-74

Warm white DALI
10W 900 **MQ60** 47-74

DALI versions occupy 1 address

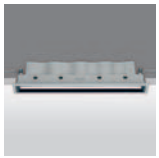


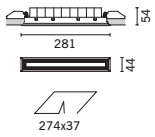
light source W lm code colour

LED High efficiency
Complete with power supply
Neutral white
10W 1000 **MQ56** 47-74

Neutral white DALI
10W 1000 **MQ59** 47-74

DALI versions occupy 1 address

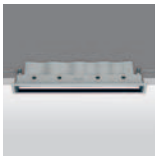


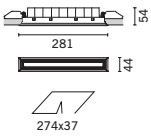


LED Complete with DALI power supply
Neutral white
21W 2000 **MQ61** 47-74

Warm white
21W 1800 **MQ63** 47-74

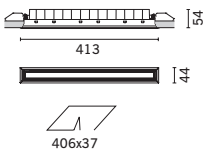
Occupy 1 address





LED High efficiency
Complete with DALI power supply
Neutral white
21W 2000 **MQ62** 47-74

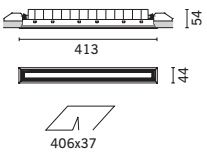
Occupies 1 address



LED Complete with DALI power supply
Neutral white
31W 3000 **MQ64** 47-74

Warm white
31W 2700 **MQ66** 47-74

Occupy 1 address



LED High efficiency
Complete with DALI power supply
Neutral white
31W 3000 **MQ65** 47-74

Occupies 1 address

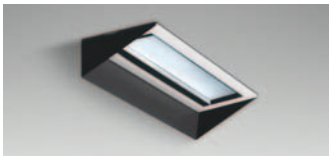
New Laser Blade Wall Washer

Features

IP20/IP43

- Recessed installation in false ceilings with 1 to 25 mm; fixing system with steel wire springs.
- Main body with radiant surface made of die-cast aluminium.
- Versions with perimeter rim (frame).
- **Patented** optics with textured ribbed diffuser screen, designed to achieve an effective wall washer distribution.
- Installation without tools.

Compact size



Asymmetrical screen

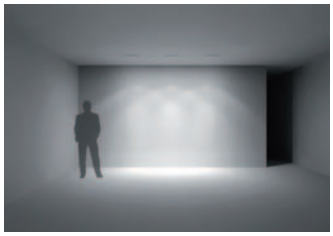
Range

Frame

Laser Blade Wall Washer

Optics and lamps

Laser Blade Wall Washer



Traditional Wall Washer

LED	10 - 21 - 31W

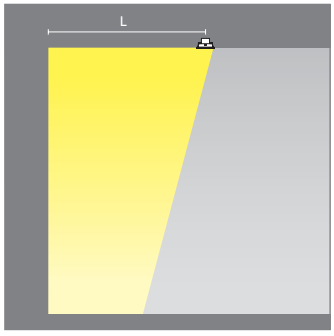
- **LED Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

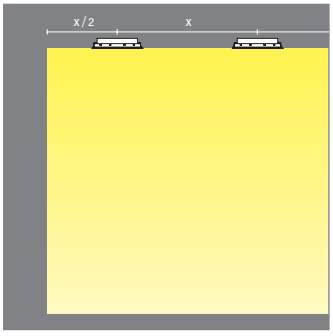
lumen lm	LED	QR CBC 51		HIT-CE	
900	10W	50W	80%	-	-
1800	21W	2x50W	79%	-	-
2700	31W	3x50W	79%	35W	11%

(3000K) LED energy saving compared with conventional lamps

Correct installation

The table shows the correct installation distances for uniform lighting on the wall.



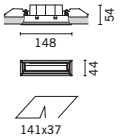


code	x max (m)	L (m)
MQ67 - MQ68 MQ70	0,8	0,8
MQ71 - MQ72	1	1
MQ73 - MQ74		

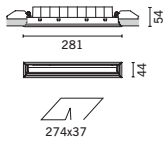
Laser Blade Wall Washer

47
WHITE/BLACK

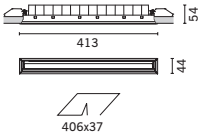
74
GREY/BLACK



light source	W	lm	code colour
LED	Complete with power supply		
	Neutral white		
	10 W	1000	**MQ67** 47-74
	Warm white		
	10 W	900	**MQ68** 47-74
	Neutral white DALI		
	10 W	1000	**MQ69** 47-74
	Warm white DALI		
	10 W	900	**MQ70** 47-74
	DALI versions occupy 1 address		



light source	W	lm	code colour
LED	Complete with DALI power supply		
	Neutral white		
	21 W	2000	**MQ71** 47-74
	Warm white		
	21 W	1800	**MQ72** 47-74
	Occupy 1 address		



light source	W	lm	code colour
LED	Complete with DALI power supply		
	Neutral white		
	31 W	3000	**MQ73** 47-74
	Warm white		
	31 W	2700	**MQ74** 47-74
	Occupy 1 address		

accessories

	code	colour
Antiglare screen	**MPX7** 04 for MQ67-MQ68 MQ69-MQ70	
	MPX8 04 for MQ71-MQ72	
	MPX9 04 for MQ73-MQ74	

New Laser Blade Adjustable

Features

- Recessed installation in false ceilings with 1 to 25 mm; fixing system with mechanical locking.
- Main body with radiant surface made of die-cast aluminum, with tilting adjustability +/- 30°.
- Versions with perimeter rim (frame); steel technical body.
- Metallized thermoplastic high definition optics, integrated in the innovative black anti-glare screen which creates light emission with controlled luminance UGR<19.
- The special configuration of the optical system delivers a precise circular distribution without punctiform effect.
- High visual comfort.

IP20

Compact size

Range

Single

Double

Laser Blade Adjustable

Optics and lamps

F - Flood
α 34°

WF - Wide Flood
α 48°

LED	21 - 31W
	2x21 - 2x31W

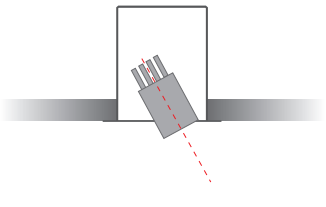
- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	ENERGY SAVING	HIT-CE	ENERGY SAVING
1800	21W	2x50W	79%	-	-
2700	31W	3x50W	79%	35W	11%

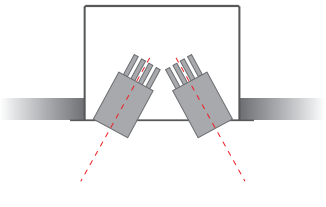
(3000K) LED energy saving compared with conventional lamps

Rotation

Single version
Tilting adjustability +/-30°.



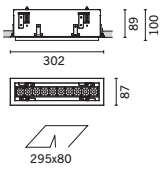
Double version
Independent tilting adjustability of bodies +/-30°



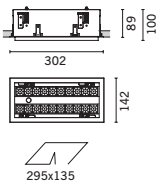
Laser Blade Adjustable

47
WHITE/BLACK

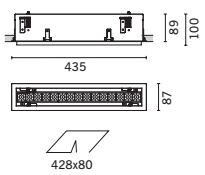
74
GREY/BLACK



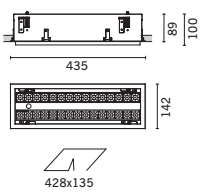
light source	W	lm	optic	code colour
LED	Complete with DALI power supply			
	Neutral white			
	21 W	2000	48°	**MQ22** 47-74
	Warm white			
	21 W	1800	34°	**MQ23** 47-74
	21 W	1800	48°	**MQ24** 47-74
	Warm white - CRI 97			
	21 W	1540	34°	**MQ25** 47-74
	21 W	1540	48°	**MQ26** 47-74
	Occupy 1 address			



light source	W	lm	optic	code colour
LED	Complete with DALI power supply			
	Neutral white			
	2x21 W	2x2000	48°	**MQ32** 47-74
	Warm white			
	2x21 W	2x1800	34°	**MQ33** 47-74
	2x21 W	2x1800	48°	**MQ34** 47-74
	Warm white - CRI 97			
	2x21 W	2x1540	34°	**MQ35** 47-74
	2x21 W	2x1540	48°	**MQ36** 47-74
	Occupy 1 address			



light source	W	lm	optic	code colour
LED	Complete with DALI power supply			
	Neutral white			
	31 W	3000	48°	**MQ27** 47-74
	Warm white			
	31 W	2700	34°	**MQ28** 47-74
	31 W	2700	48°	**MQ29** 47-74
	Warm white - CRI 97			
	31 W	2310	34°	**MQ30** 47-74
	31 W	2310	48°	**MQ31** 47-74
	Occupy 1 address			



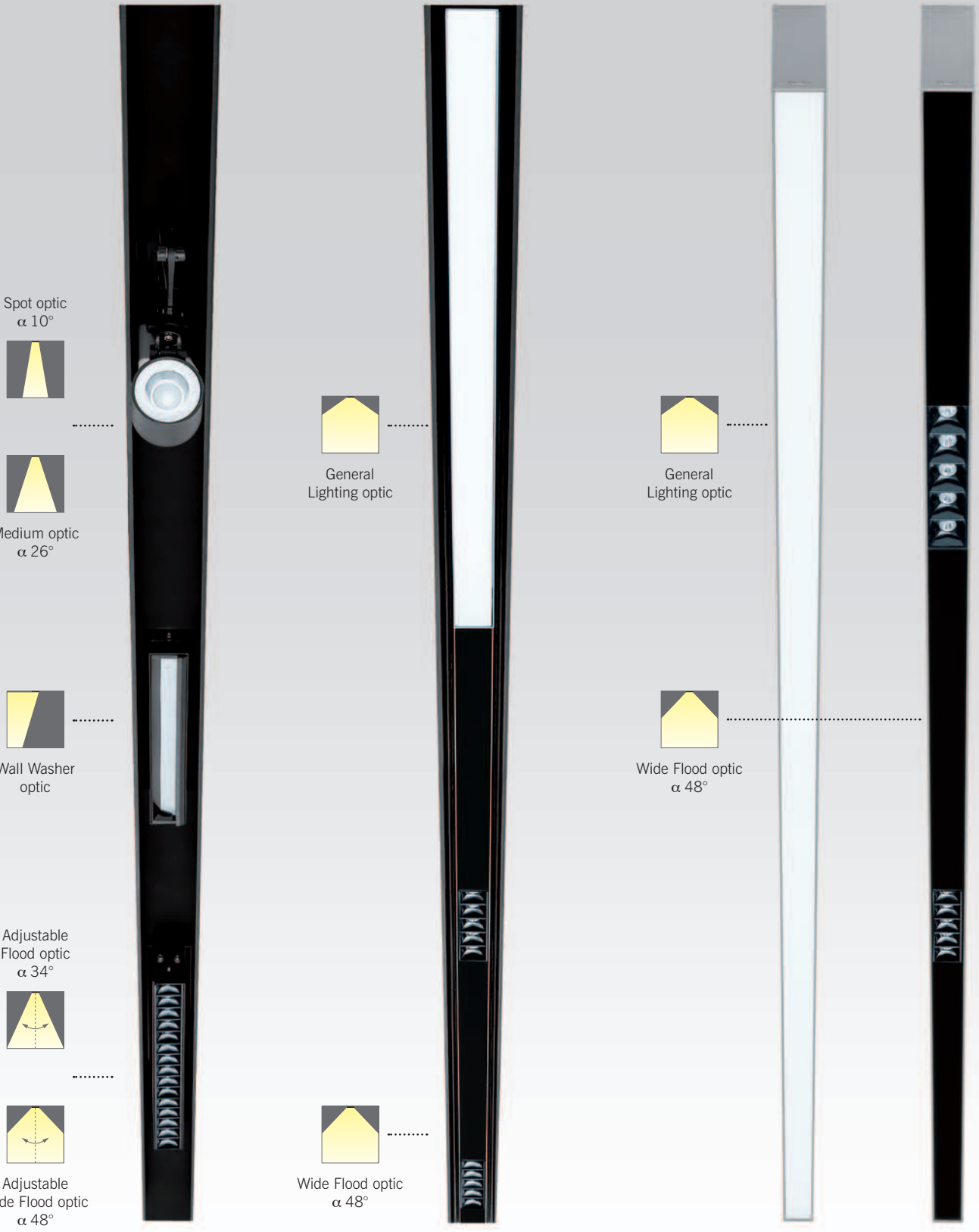
light source	W	lm	optic	code colour
LED	Complete with DALI power supply			
	Neutral white			
	2x31 W	2x3000	48°	**MQ37** 47-74
	Warm white			
	2x31 W	2x2700	34°	**MQ38** 47-74
	2x31 W	2x2700	48°	**MQ39** 47-74
	Warm white - CRI 97			
	2x31 W	2x2310	34°	**MQ40** 47-74
	2x31 W	2x2310	48°	**MQ41** 47-74
	Occupy 1 address			

Laser Blade System53

System53
- Adjustable spotlight
- Wall Washer module
- Adjustable module

System53
- Low contrast module
- High contrast UGR<19 module

iN30
recessed
ceiling-mounted
pendant
- Low contrast
- High contrast UGR<19



New Laser Blade System53

Features

IP20

- Modular system for creating "frameless" recessed channels with a constant opening of 53 mm.
- Extruded aluminum structural profile with black finish treatment.
- High contrast light modules for accent lighting, with tilting adjustability +/- 45°.
- Fixed modules for low contrast emission, for general and wall washer lighting.
- All modules come complete with integrated power supply.

DALI PROTOCOL

Cover

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

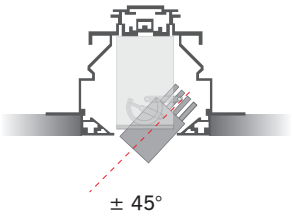
lumen lm	LED	QR CBC 51		HIT-CE	
770	10W	50W	80%	-	-
1540	21W	2x50W	79%	-	-
2300	31W	3x50W	79%	35W	11%

(3000K) LED energy saving compared with conventional lamps

Laser Blade System53

Adjustable module - High contrast

The rototranslating movement system allows a rotation of up to 45°.



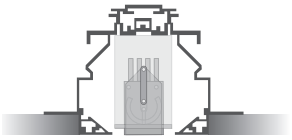
F - Flood
α 34°

WF - Wide Flood
α 48°

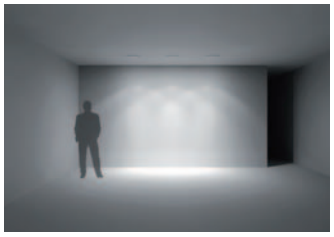
LED 10 - 21 - 31W

Fixed module - Wall Washer

Can be used in all cases requiring a vertical wall washer effect.



Laser Blade System53 Wall Washer

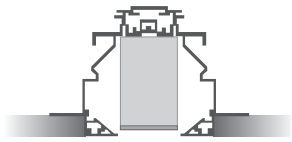


Traditional Wall Washer

LED 21 - 31W

Fixed module - Low contrast / High contrast

By applying iN30 modules in the channel, lines of light with high and low contrast can be obtained.



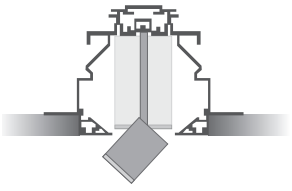
Low contrast

High contrast

LED 22 - 42 - 45W

Adjustable spotlight

Module with adjustable spotlight for focused lighting



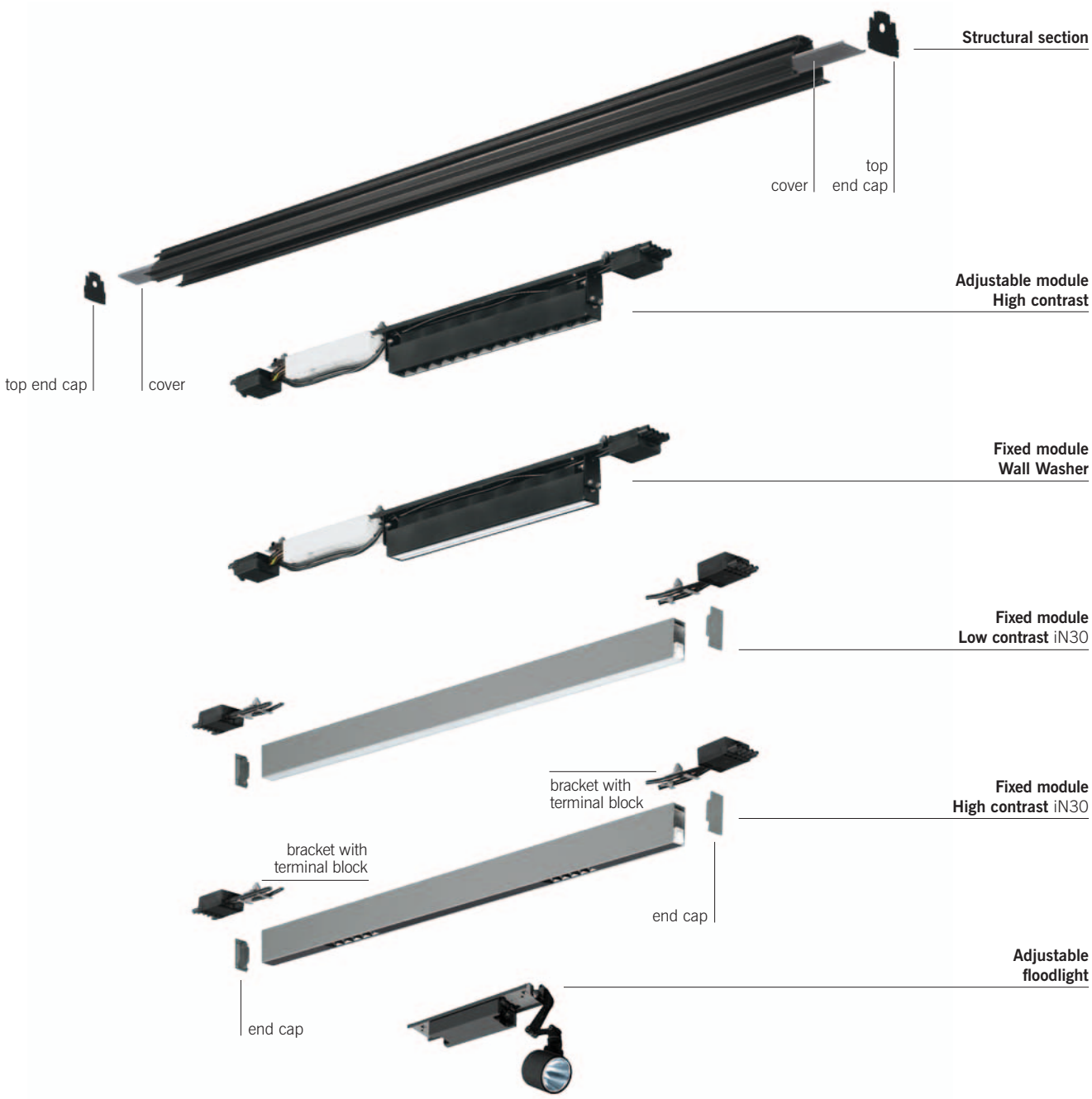
S - Spot
α from 9° to 15°

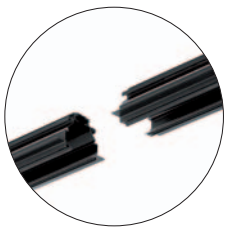
M - Medium
α from 16° to 25°

LED 9W

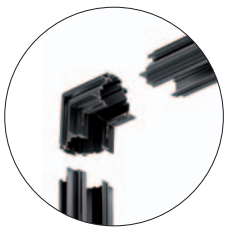
Laser Blade System53

System composition

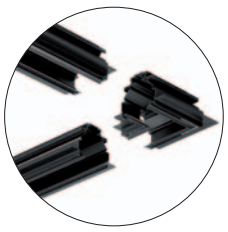




linear connection



ceiling/wall 90° corner joint

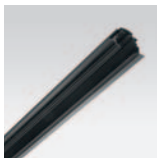


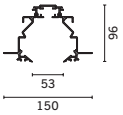
90° corner joint

Laser Blade System53

04 BLACK

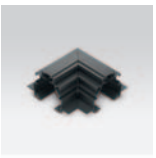
12 ALUMINIUM



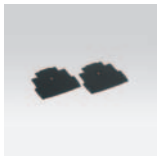


Aluminium structural profile	length	code colour
	500	**MXJ4** 04
	1000	**MXJ5** 04
	2000	**MXJ6** 04
	3000	**MXJ7** 04

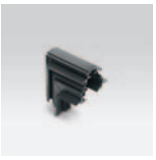
Complete with elements for linear connection to adjacent sections



Angular joint	code colour
	MXJ9 04



Two end caps	code colour
	MXJ8 04



Ceiling/wall angular joint	code colour
	MXN5 04

accessories

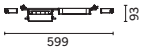
	code	colour
Derma for installing structural sections 2 units	**MXK2**	00
Initial plate with terminal blocks	**MXK1**	00
Through connecting connectors	**MXN6**	00
Inner cover strip L=1000 2 units	**MXK0**	04

For information on system composition please refer to the instructions sheet.

Laser Blade System53

04 BLACK

12 ALUMINIUM

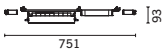


light source W lm optic code colour

LED **Adjustable module - High contrast**
Complete with DALI power supply
Neutral white
10 W 1000 48° **MQ42** 04

Warm white - CRI 97
10 W 770 34° **MQ43** 04
10 W 770 48° **MQ44** 04

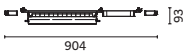
Occupy 1 address



LED **Adjustable module - High contrast**
Complete with DALI power supply
Neutral white
21 W 2000 48° **MQ45** 04

Warm white - CRI 97
21 W 1540 34° **MQ46** 04
21 W 1540 48° **MQ47** 04

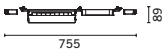
Occupy 1 address



LED **Adjustable module - High contrast**
Complete with DALI power supply
Neutral white
31 W 3000 48° **MQ48** 04

Warm white - CRI 97
31 W 2300 34° **MQ49** 04
31 W 2300 48° **MQ50** 04

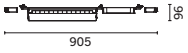
Occupy 1 address



LED **Wall washer fixed module**
Complete with DALI power supply
Neutral white
21 W 2000 **MR97** 04

Warm white
21 W 1800 **MT88** 04

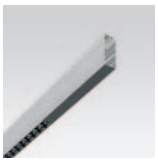
Occupy 1 address



LED **Wall washer fixed module**
Complete with DALI power supply
Neutral white
31 W 3000 **MT89** 04

Warm white
31 W 2700 **MT90** 04

Occupy 1 address



light source W lm length code colour

LED **iN30 module - High contrast**
Complete with DALI power supply
Neutral white
22 W 2000 1197 **MJ60** 12
42 W 4000 1462 **MJ64** 12

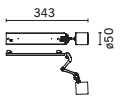
Warm white
22 W 1800 1197 **MJ61** 12
42 W 3600 1462 **MJ65** 12

Occupy 1 address

LED **iN30 module - Low contrast**
Complete with DALI power supply
Neutral white
22 W 2650 1197 **MJ48** 12
45 W 5290 2394 **MJ49** 12

Warm white
22 W 2460 1197 **MJ50** 12
45 W 4920 2394 **MJ51** 12

Occupy 1 address



LED **Module with adjustable spotlight**
Complete with DALI power supply
Neutral white
9 W 820 26° **MQ51** 04

Warm white - CRI 97
9 W 650 10° **MQ52** 04
9 W 650 26° **MQ53** 04

Occupy 1 address

accessories

	code	colour
Two end caps	**MX80**	15
for MJ48-MJ49-MJ50 MJ51-MJ52-MJ53 MJ54-MJ55		
Pair of plates for installing iN30 modules with connectors	**MXJ3**	00
Connection elements and covers for continuous line installation	**MX81**	00
for MJ60-MJ61 MJ64-MJ65		

For information on system composition please refer to the instructions sheet.

Excalibur meeting room - Panama City, Panama
Architectural and lighting project: Mallol y Mallol
Photo: Fernando Alda

Reflex professional

Minimal versions

Frame versions

Fixed optic

Fixed optic

Adjustable optic

Wall Washer optic

ø 242

⧈ 242

ø 153

ø 242

ø 212

⧈ 153

ø 125

ø 212

ø 153

⧈ 96

ø 96

ø 153

ø 125

ø 75

ø 125

ø 96

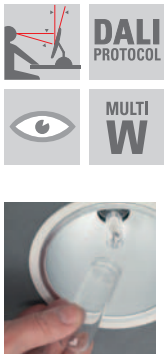
The dimensions ø ⧈ relate to the hole recessed Frame versions.

Reflex professional fixed

Features

IP20

- Recessed installation in false ceilings with 12.5 mm for Minimal versions (without perimeter rim) or from 1 to 25 mm for Frame versions (with rim) using torsion springs.
- Die-cast aluminium body and heat sink.
- Mirror aluminium ultrapure reflectors.
- Luminous distributions General Lighting LOR>80 and professional optic with luminance control UGR<19.
- Available with electronic and DALI control gear; emergency with inverter only for fluorescent versions.
- Borosilicate glass protective capsule for discharge lamps without reflector.



Protective capsule IP43 for discharge versions

IP44 protection screen

Reflector retention cable for G12 versions

Optics and lamps

S - Spot
α from 9° to 5°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

	LED	11 - 12 - 20W
		22 - 32 - 34W
	QR-CBC 51	50W
	QR 111	100W
	QT 12 ES	50 - 100W
	HIT-CE	20 - 35W
	HIT-TC-CE	35 - 70W

	HIT-CE	35 - 70 - 150W
	HIT-CE	20 - 35W
	HIR-111 CE	35 - 70W
	TC-TEL	2x14/17W
	TC-TEL	2x26/32/42W
	TC-DEL	2x26W

- LED **LLE**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

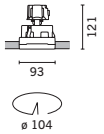
lumen lm	LED	QR CBC 51		TC-TEL		HIT-TC-CE	
1100	12W	50W	76%	18W	38%	-	-
2000	22W	2x50W	78%	26W	15%	-	-
3000	34W	3x50W	77%	2x26W	35%	35W	3%

(3000K) LED energy saving compared with conventional lamps

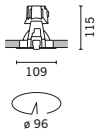
Reflex professional fixed

12 ALUMINIUM

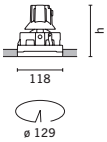
39 WHITE/ALUMINIUM



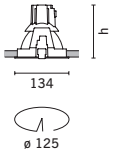
light source	W	h	optic	code colour
	Minimal installation			
QT 12 ES (GY6,35)	50 W max 12 V		50°	**M354** 12
	Class of Insulation III			
QR CBC 51 (GU5,3)	50 W 12 V			**M355** 12
	Class of Insulation III			
HIT-CE (PGJ5)	Complete with electronic control gear			
	20 W		46°	**M356** 12
	35 W		48°	**M357** 12



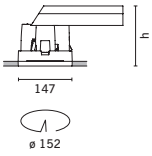
	Frame installation			
QT 12 ES (GY6,35)	50 W max 12 V		50°	**M375** 39
	Class of Insulation III			
QR CBC 51 (GU5,3)	50 W 12 V			**M376** 39
	Class of Insulation III			
HIT-CE (PGJ5)	Complete with electronic control gear			
	20 W		46°	**M377** 39
	35 W		48°	**M378** 39
	IP43			



	Minimal installation			
QT 12 ES (GY6,35)	100 W max 12 V	141	44°	**M360** 12
	Class of Insulation III			
QR CBC 51 (GU5,3)	50 W 12 V	141		**M361** 12
	Class of Insulation III			
HIT-TC-CE (G8,5)	Complete with electronic control gear			
	35 W	141	78°	**M362** 12
	70 W	141	78°	**M363** 12
	35 W	179	34°	**M364** 12
	70 W	179	34°	**M365** 12



light source	W	lm	h	optic	code colour
	Frame installation				
QT 12 ES (GY6,35)	100 W max 12 V		129	44°	**M381** 39
	Class of Insulation III				
QR CBC 51 (GU5,3)	50 W 12 V		129		**M382** 39
	Class of Insulation III				
HIT-TC-CE (G8,5)	Complete with electronic control gear				
	35 W		129	78°	**M383** 39
	70 W		129	78°	**M384** 39
	35 W		170	34°	**M385** 39
	70 W		170	34°	**M386** 39
	IP43				



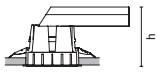
LED	**Minimal installation**				
	Complete with power supply				
	Neutral white				
	11 W	1100	166	52°	**M255** 12
	20 W	2000	166	52°	**M257** 12
	32 W	3000	166	52°	**M259** 12
	Warm white				
	12 W	1100	166	52°	**M256** 12
	22 W	2000	166	52°	**M258** 12
	34 W	3000	166	52°	**MD73** 12
	Neutral white DALI				
	11 W	1100	166	52°	**MA59** 12
	20 W	2000	166	52°	**MA61** 12
	32 W	3000	166	52°	**MA63** 12
	Warm white DALI				
	12 W	1100	166	52°	**MA60** 12
	22 W	2000	166	52°	**MA62** 12
	34 W	3000	166	52°	**MD74** 12
	IP23 - Class of Insulation II				
QR 111 (G53)	100 W 12 V		216		**M366** 12
	Class of Insulation III				
HIR-111-CE (GX8,5)	Complete with electronic control gear				
	35 W		216		**M367** 12
	70 W		216		**M368** 12
HIT-TC-CE (G8,5)	Complete with electronic control gear				
	35 W		169	74°	**M369** 12
	70 W		169	74°	**M370** 12
	35 W		216	50°	**M371** 12
	70 W		216	46°	**M372** 12

DALI versions occupy 1 address

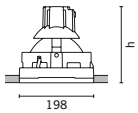
Reflex professional fixed

12
ALUMINIUM

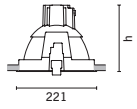
39
WHITE/ALUMINIUM



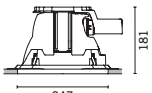
light source	W	lm	h	optic	code colour
LED	**Frame installation**				
	Complete with power supply				
	Neutral white				
	11 W	1100	163	52°	**M260** 39
	20 W	2000	163	52°	**M262** 39
	32 W	3000	163	52°	**M264** 39
	Warm white				
	12 W	1100	163	52°	**M261** 39
	22 W	2000	163	52°	**M263** 39
	34 W	3000	163	52°	**MD75** 39
	Neutral white DALI				
	11 W	1100	163	52°	**MA64** 39
	20 W	2000	163	52°	**MA66** 39
	32 W	3000	163	52°	**MA68** 39
	Warm white DALI				
	12 W	1100	163	52°	**MA65** 39
	22 W	2000	163	52°	**MA67** 39
	34 W	3000	163	52°	**MD76** 39
	IP43 - Class of Insulation II				
QR 111 (G53)	100 W 12 V		213		**M387** 39
	Class of Insulation III				
HIR-111-CE (GX8,5)	Complete with electronic control gear				
	35 W		213		**M388** 39
	70 W		213		**M389** 39
HIT-TC-CE (G8,5)	Complete with electronic control gear				
	35 W		156	74°	**M390** 39
	70 W		156	74°	**M391** 39
	35 W		213	50°	**M392** 39
	70 W		213	46°	**M393** 39
	IP43				
	DALI versions occupy 1 address				



	Minimal installation				
HIT-CE (G12)	35/70/150 W	210	82°	**M373** 12
	35/70/150 W	266	52°	**M374** 12
	Control gear to be ordered separately			

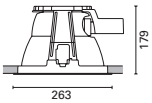


	Frame installation				
HIT-CE (G12)	35/70/150 W	181	82°	**M394** 39
	35/70/150 W	263	52°	**M395** 39
	IP43				
	Control gear to be ordered separately				



light source	W	optic	code colour
	Minimal installation		
TC-TEL (GR14q-1)	Electronic		
	2x14/17 W	78°	**M549** 12
	DALI		
	2x14/17 W	78°	**M550** 12
	Emergency light with inverter		
	2x14/17 W	78°	**M551** 12
TC-TEL (GX24q-3/4) TC-DEL (G24q-3)	Electronic		
	2x26/32/42 W	75°	**M552** 12
	2x26 W (TC-DEL)		
	DALI		
	2x26/32/42 W	75°	**M553** 12
	2x26 W (TC-DEL)		
	Emergency light with inverter		
	2x26/32/42 W	75°	**M554** 12
	2x26 W (TC-DEL)		

The codes M549-M552-M553
are in insulation class II.
DALI versions occupy 1 address.



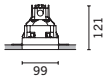
	Frame installation		
TC-TEL (GR14q-1)	Electronic		
	2x14/17 W	78°	**M555** 39
	DALI		
	2x14/17 W	78°	**M556** 39
	Emergency light with inverter		
	2x14/17 W	78°	**M557** 39
TC-TEL (GX24q-3/4) TC-DEL (G24q-3)	Electronic		
	2x26/32/42 W	75°	**M558** 39
	2x26 W (TC-DEL)		
	DALI		
	2x26/32/42 W	75°	**M559** 39
	2x26 W (TC-DEL)		
	Emergency light with inverter		
	2x26/32/42 W	75°	**M560** 39
	2x26 W (TC-DEL)		

The codes M555-M558-M559
are in insulation class II.
DALI versions occupy 1 address.

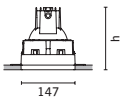
Reflex professional fixed

12
ALUMINIUM

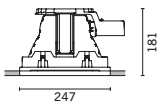
39
WHITE/ALUMINIUM



light source	W	h	optic	code colour
	Minimal installation			
QT 12 ES (GY6,35)	50 W max 12 V		48°/54°	**M569** 12
	Class of Insulation III			
QR CBC 51 (GU5,3)	50 W 12 V			**M570** 12
	Class of Insulation III			
HIT-CE (GU6,5)	Complete with electronic control gear			
	20 W		50°/60°	**M571** 12
	35 W		52°/58°	**M572** 12

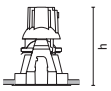


light source	W	h	optic	code colour
	Minimal installation			
QT 12 ES (GY6,35)	100 W max 12 V	169	60°	**M575** 12
	Class of Insulation III			
QR 111 (G53)	100 W 12 V	216		**M576** 12
	Class of Insulation III			
HIT-TC-CE (G8,5)	Complete with electronic control gear			
	35 W	169	64°	**M577** 12
	70 W	169	64°	**M578** 12
	35 W	216	44°	**M579** 12
	70 W	216	44°	**M580** 12
HIR-111-CE (GX8,5)	Complete with electronic control gear			
	35 W	216		**M581** 12
	70 W	216		**M582** 12

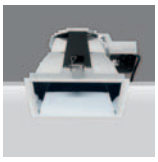


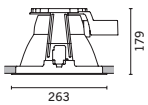
light source	W	h	optic	code colour
	Minimal installation			
TC-TEL (GR14q-1)	Electronic			
	2x14/17 W		60°	**M597** 12
	Class of Insulation II			
TC-TEL (GX24q-3/4)	Electronic			
	2x26/32/42 W		58°	**M598** 12
TC-DEL (G24q-3)	2x26 W (TC-DEL)			
	Class of Insulation II			

light source	W	h	optic	code colour
	Frame installation			
QT 12 ES (GY6,35)	50 W max 12 V		48°/54°	**M583** 39
	Class of Insulation III			
QR CBC 51 (GU5,3)	50 W 12 V			**M584** 39
	Class of Insulation III			
HIT-CE (GU6,5)	Complete with electronic control gear			
	20 W		50°/60°	**M585** 39
	35 W		52°/58°	**M586** 39



light source	W	h	optic	code colour
	Frame installation			
QT 12 ES (GY6,35)	100 W max 12 V	166	60°	**M589** 39
	Class of Insulation III			
QR 111 (G53)	100 W 12 V	213		**M590** 39
	Class of Insulation III			
HIT-TC-CE (G8,5)	Complete with electronic control gear			
	35 W	166	64°	**M591** 39
	70 W	166	64°	**M592** 39
	35 W	213	44°	**M593** 39
	70 W	213	44°	**M594** 39
	IP43			
HIR-111-CE (GX8,5)	Complete with electronic control gear			
	35 W	213		**M595** 39
	70 W	213		**M596** 39





light source	W	h	optic	code colour
	Frame installation			
TC-TEL (GR14q-1)	Electronic			
	2x14/17 W		60°	**M599** 39
	Class of Insulation II			
TC-TEL (GX24q-3/4)	Electronic			
	2x26/32/42 W		58°	**M600** 39
TC-DEL (G24q-3)	2x26 W (TC-DEL)			
	Class of Insulation II			

Reflex professional fixed

accessories

	code	colour
IP44 protection screen	**MWF4**	24-65 for M555-M556-M557 M558-M559-M560

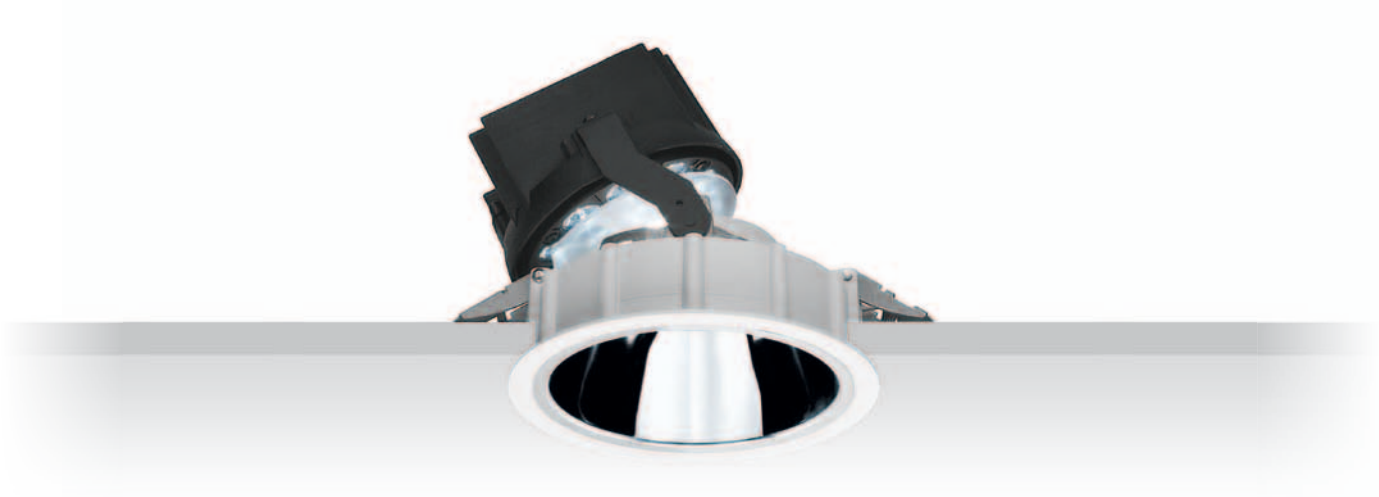
	code	colour
IP43 protection screen	**MWF5**	24-65 for M599-M600

components

	code	colour
Electronic control gear		
for 2x35W HIT Kg. 0,365 - Dim. 175x79,5x32h	**4437**	00
Electronic control gear		
for 35W HIT Kg. 0,320 - Dim. 225x60x37h	**4466**	00
for 70W HIT Kg. 0,350 - Dim. 185x90x37h	**4467**	00
for 150W HIT Kg. 0,350 - Dim. 185x90x37h	**4465**	00
Control gear complete with capacitor		
for 35W HIT Kg. 1,450 - Dim. 257x92x70h	**4468**	00
for 70W HIT Kg. 1,700 - Dim. 257x92x70h	**4469**	00
for 150W HIT Kg. 2,550 - Dim. 332x110x77h	**4470**	00
Control gear complete with capacitor and ignitor with controlled pulses		
for 35W HIT Kg. 1,450 - Dim. 257x92x70h	**4471**	00
for 70W HIT Kg. 1,700 - Dim. 257x92x70h	**4472**	00
for 150W HIT Kg. 2,550 - Dim. 332x110x77h	**4473**	00

	code	colour
Electronic safety transformer		
10-60W 230/12V St	**5581**	00
35-105W 230/12V St	**5583**	00
Electronic safety transformer		
50-200W 230/12V Top	**5586**	00
50-200W 230/12V St	**5587**	00
20-60W 230/12V St	**5584**	00
50-105W 230/12V St	**5585**	00

Reflex professional adjustable



Features

IP20

- Recessed installation in false ceilings with 12.5 mm for Minimal versions (without perimeter rim) or from 1 to 25 mm for Frame versions (with rim) using torsion springs.
- Die-cast aluminium body and heat sink.
- Mirror aluminium ultrapure reflectors.
- Versions with professional optic with luminance control UGR<19.
- Adjustability on horizontal plane by +/- 30° and on vertical axis by 358°.
- Available with electronic and DALI control gear.
- Borosilicate glass protective capsule for discharge lamps without reflector.

Optic for LED versions **(patented)**

Installation of accessories without tools

Easy installation and maintenance

Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

E - Elliptical*

* Elliptical optic is obtained by installing the respective accessory.

LED	30W
QR-CBC 51	50W
QR 111	100W
QT 12 ES	35 - 100W
HI-PAR 51 CE	20 - 35W
HIR-111-CE	35 - 70W
HIT-TC-CE	35 - 70W
HIT-CE	20 - 35W

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51		TC-TEL	
2500	30W	3x50W	80%	32W	6%

(3000K) LED energy saving compared with conventional lamps

Reflex professional adjustable

12 ALUMINIUM

39 WHITE/ALUMINIUM

ø 78

light source	W		h	optic	code colour
	Minimal installation				
QR CBC 51 (GU5,3)	50 W	12 V			**M396** 12
	Class of Insulation III				
QT 12 ES (GY6,35)	35 W	max 12 V		10°	**M397** 12
	35 W	max 12 V		20°	**M398** 12
	35 W	max 12 V		36°	**M399** 12
	Class of Insulation III				
HI-PAR 51-CE (GX10)	Complete with electronic control gear				
	20 W				**M400** 12
	35 W				**M401** 12
HIT-CE (GU6,5)	Complete with electronic control gear				
	20 W			26°	**M402** 12
	35 W			26°	**M403** 12
	Frame installation				
QR CBC 51 (GU5,3)	50 W	12 V			**M416** 39
	Class of Insulation III				
QT 12 ES (GY6,35)	35 W	max 12 V		10°	**M244** 39-41
	35 W	max 12 V		20°	**M245** 39-41
	35 W	max 12 V		36°	**M246** 39-41
	Class of Insulation III				
HI-PAR 51-CE (GX10)	Complete with electronic control gear				
	20 W				**M417** 39
	35 W				**M418** 39
HIT-CE (GU6,5)	Complete with electronic control gear				
	20 W			26°	**M419** 39
	35 W			26°	**M420** 39
	Minimal installation				
QR CBC 51 (GU5,3)	50 W	12 V	119		**M404** 12
	Class of Insulation III				
HI-PAR 51-CE (GX10)	Complete with electronic control gear				
	20 W		134		**M405** 12
	35 W		134		**M406** 12
	Frame installation				
QR CBC 51 (GU5,3)	50 W	12 V	116		**M421** 39
	Class of Insulation III				
HI-PAR 51-CE (GX10)	Complete with electronic control gear				
	20 W		131		**M422** 39
	35 W		131		**M423** 39

ø 75

ø 104

ø 96

ø 129

ø 125

ø 152

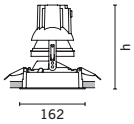
light source	W		lm	h	optic	code colour
	Minimal installation					
QR CBC 51 (GU5,3)	50 W	12 V		140		**M408** 12
	Class of Insulation III					
QT 12 ES (GY6,35)	100 W	max 12 V		209	36°	**M407** 12
	Class of Insulation III					
HIT-TC-CE (G8,5)	Complete with electronic control gear					
	35 W			209	42°	**M409** 12
	70 W			209	34°	**M410** 12
	Frame installation					
QR CBC 51 (GU5,3)	50 W	12 V		139		**M425** 39
	Class of Insulation III					
QT 12 ES (GY6,35)	100 W	max 12 V		206	36°	**M424** 39
	Class of Insulation III					
HIT-TC-CE (G8,5)	Complete with electronic control gear					
	35 W			206	42°	**M426** 39
	70 W			206	34°	**M427** 39
LED	Minimal installation					
	Complete with power supply					
	Neutral white					
	30 W		2500	156	18°	**MD57** 12
	30 W		2500	156	24°	**MD58** 12
	Warm white					
	30 W		2500	156	18°	**MD59** 12
	30 W		2500	156	24°	**MD60** 12
	Neutral white DALI					
	30 W		2500	156	18°	**MD65** 12
	30 W		2500	156	24°	**MD66** 12
	Warm white DALI					
	30 W		2500	156	18°	**MD67** 12
	30 W		2500	156	24°	**MD68** 12
	IP23					
QR 111 (G53)	100 W	12 V		211		**M411** 12
	Class of Insulation III					
HIR-111-CE (GX8,5)	Complete with electronic control gear					
	35 W			211		**M412** 12
	70 W			211		**M413** 12
HIT-TC-CE (G8,5)	Complete with electronic control gear					
	35 W			211	30°	**M414** 12
	70 W			211	30°	**M415** 12

DALI versions occupy 1 address

Reflex professional adjustable

12
ALUMINIUM

39
WHITE/ALUMINIUM



light source	W	lm	h	optic	code	colour
LED	**Frame installation**					
	Complete with power supply					
	Neutral white					
	30 W	2500	153	18°	**MD61**	39
	30 W	2500	153	24°	**MD62**	39
	Warm white					
	30 W	2500	153	18°	**MD63**	39
	30 W	2500	153	24°	**MD64**	39
	Neutral white DALI					
	30 W	2500	153	18°	**MD69**	39
	30 W	2500	153	24°	**MD70**	39
	Warm white DALI					
	30 W	2500	153	18°	**MD71**	39
	30 W	2500	153	24°	**MD72**	39
	IP23					
QR 111 (G53)	100 W	12 V	209		**M428**	39
	Class of Insulation III					
HIR-111-CE (GX8,5)	Complete with electronic control gear					
	35 W		209		**M429**	39
	70 W		209		**M430**	39
HIT-TC-CE (G8,5)	Complete with electronic control gear					
	35 W		209	30°	**M431**	39
	70 W		209	30°	**M432**	39
	DALI versions occupy 1 address					

components

	code	colour
Electronic safety transformer		
10-60 W 230/12 V St	**5581**	00
35-105 W 230/12 V St	**5583**	00
Electronic safety transformer		
50-200 W 230/12 V Top	**5586**	00
50-200 W 230/12 V St	**5587**	00
20-60 W 230/12 V St	**5584**	00
50-105 W 230/12 V St	**5585**	00

accessories

	code	colour	code	colour	code	colour	code	colour
Refractor for elliptical distribution	**MW73**	24	**1111**	24 for M404-M421	**1111** for M408-M425 **MWE6** for M407-M409-M410 M424-M426-M427	24 24	**MWF0** for M414-M415 M431-M432	24
Coloured filters	**MW74**	05-06-09	**1106**	05-06-09 for M404-M421	**1106** for M408-M425 **MWE7** for M407-M409-M410 M424-M426-M427	05-06-09 05-06-09	**MWF1** for M414-M415 M431-M432	05-06-09
Lower reflector to avoid reflection	**MWF6**	04	---	---	---	---	---	---
IR filter	**MW75**	24	---	---	**MWE8** for M407-M409-M410 M424-M426-M427	24	**MWF2** for M414-M415 M431-M432	24
UV filter	**MW76**	24	---	---	**MWE9** for M407-M409-M410 M424-M426-M427	24	**MWF3** for M414-M415 M431-M432	24

Reflex professional wall washer

Features

IP20

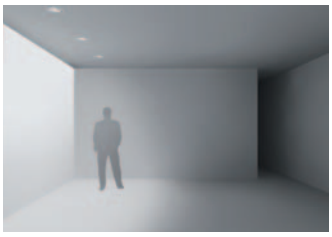
- Recessed installation in false ceilings with 12.5 mm for Minimal versions (without perimeter rim) or from 1 to 25 mm for Frame versions (with rim) using torsion springs.
- Die-cast aluminium body and heat sink.
- Mirror aluminium ultrapure reflectors.
- Available with electronic and DALI control gear and emergency with inverter.

DALI PROTOCOL

EMERGENCY

Optics and lamps

The optical system **(patented)** of the luminaire delivers uniform lighting of vertical surfaces without shadow areas in wall/ceiling corners.

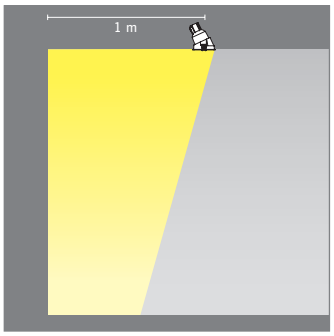


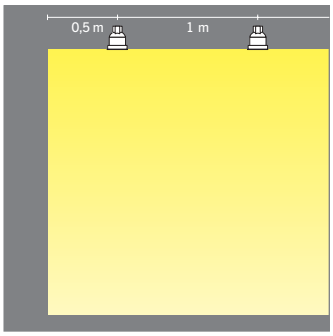
WW - Wall Washer

QT 12 ES	75W
HIT-TC-CE	35 - 70W
HIT-CE	35 - 70 - 150W
TC-TEL	2x14/17W
TC-TEL	2x26 - 2x26/32W
TC-DEL	2x26 - 2x26/32W

Correct installation

The table shows the correct installation distances for uniform lighting on the wall.

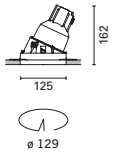




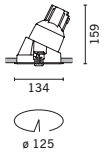
Reflex professional wall washer

12
ALUMINIUM

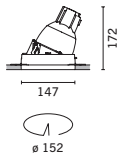
39
WHITE/ALUMINIUM



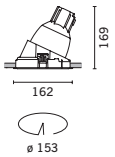
light source	W	code colour
	Minimal installation	
QT 12 ES (GY6,35)	75 W max 12 V	**M537** 12
	Class of Insulation III	
HIT-TC-CE (G8,5)	Complete with electronic control gear	
	35 W	**M538** 12
	70 W	**M539** 12



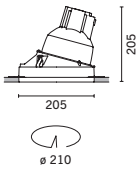
light source	W	code colour
	Frame installation	
QT 12 ES (GY6,35)	75 W max 12 V	**M543** 39
	Class of Insulation III	
HIT-TC-CE (G8,5)	Complete with electronic control gear	
	35 W	**M544** 39
	70 W	**M545** 39



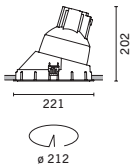
	Minimal installation	
HIT-TC-CE (G8,5)	Complete with electronic control gear	
	35 W	**M540** 12
	70 W	**M541** 12



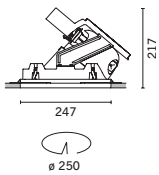
	Frame installation	
HIT-TC-CE (G8,5)	Complete with electronic control gear	
	35 W	**M546** 39
	70 W	**M547** 39



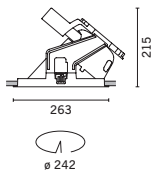
	Minimal installation	
HIT-CE (G12)	35/70/150 W	**M542** 12



	Frame installation	
HIT-CE (G12)	35/70/150 W	**M548** 39



	Minimal installation	
TC-TEL (GR14q-1)	Electronic	
	2x14/17 W	**M561** 12
TC-TEL (GX24q-3)	Electronic	
	2x26/32 W	**M562** 12
TC-DEL (G24q-3)	2x26 W (TC-DEL)	



	Frame installation	
TC-TEL (GR14q-1)	Electronic	
	2x14/17 W	**M563** 39
	DALI	
	2x14/17 W	**M564** 39
	Emergency light with inverter	
	2x14/17 W	**M565** 39
TC-TEL (GX24q-3/4)	Electronic	
	2x26/32 W	**M566** 39
TC-DEL (G24q-3)	2x26 W (TC-DEL)	
	DALI	
	2x26/32 W	**M567** 39
	2x26 W (TC-DEL)	
	Emergency light with inverter	
	2x26/32 W	**M568** 39

The codes M563-M566-M567
are in insulation class II.
DALI versions occupy 1 address.

Reflex professional wall washer

components

	code	colour
Electronic control gear		
for 2x35W HIT Kg. 0,365 - Dim. 175x79,5x32h	**4437**	00
Electronic control gear		
for 35W HIT Kg. 0,320 - Dim. 225x60x37h	**4466**	00
for 70W HIT Kg. 0,350 - Dim. 185x90x37h	**4467**	00
for 150W HIT Kg. 0,350 - Dim. 185x90x37h	**4465**	00
Control gear complete with capacitor		
for 35W HIT Kg. 1,450 - Dim. 257x92x70h	**4468**	00
for 70W HIT Kg. 1,700 - Dim. 257x92x70h	**4469**	00
for 150W HIT Kg. 2,550 - Dim. 332x110x77h	**4470**	00
Control gear complete with capacitor and ignitor with controlled pulses		
for 35W HIT Kg. 1,450 - Dim. 257x92x70h	**4471**	00
for 70W HIT Kg. 1,700 - Dim. 257x92x70h	**4472**	00
for 150W HIT Kg. 2,550 - Dim. 332x110x77h	**4473**	00

	code	colour
Electronic safety transformer		
10-60W 230/12V St	**5581**	00
35-105W 230/12V St	**5583**	00
Electronic safety transformer		
50-200W 230/12V Top	**5586**	00
50-200W 230/12V St	**5587**	00
20-60W 230/12V St	**5584**	00
50-105W 230/12V St	**5585**	00

Administration
Sécurité

Reflex Easy

Round version

General Lighting Optic

Luminance Control Optic

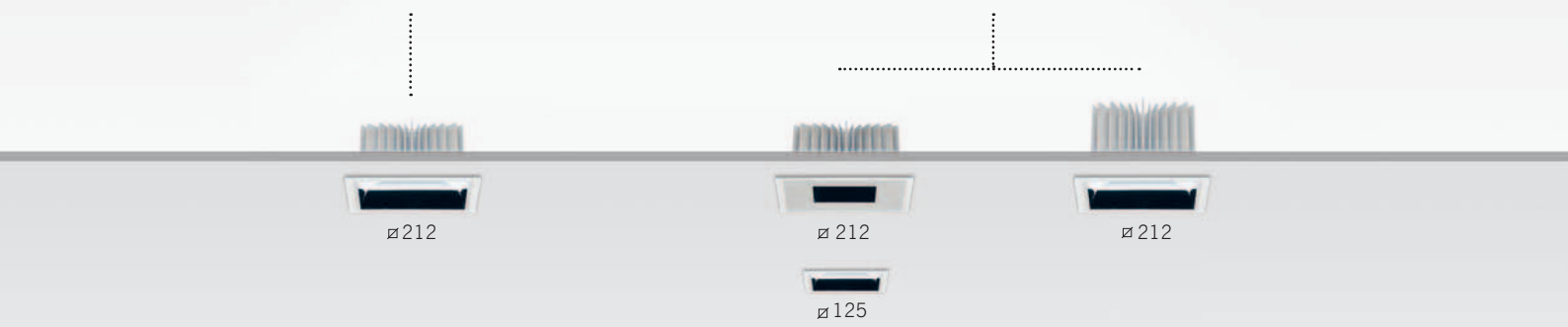
Double Asymmetric Optic

Downlight Wall Washer Optic

Square version

General Lighting Optic

Luminance Control Optic



Champs Libres - Rennes, France

Architectural project: Portzamparc Architectes
Lighting project: Piero Castiglioni
Photo: Didier Boy de La Tour

The dimensions ø ⧈ relate to the hole recessed

Reflex Easy

Features

IP20

- Recessed installation in false ceilings with 1 to 25 mm.
- Die-cast aluminium body and heat sink.
- Aluminium vacuum-metallised reflector with scratch-resistant cover, with high luminous efficiency and visual comfort.
- Versions suitable for use in environments with video terminals UGR<19.
- Available with electronic and DALI control gear and emergency with inverter.

Perimetral side

Springs with lock unlock

Reflector retention system

- **LED** **LLE**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

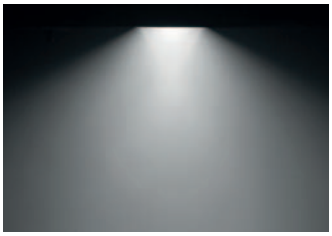
lumen lm	LED	QR CBC 51		TC-TEL		HIT-TC-CE	
1100	13W	50W	74%	18W	38%	-	-
3000	34W	3x50W	77%	2x26W	35%	35W	3%
5000	55W	5x50W	78%	2x32W	14%	70W	21%

(3000K) LED energy saving compared with conventional lamps

Reflex Easy

Optics

General lighting
This optic allows uniform down lighting without shadows, even for large areas.



LED	18 - 20 - 21W
	22 - 31 - 32W
	34 - 55W

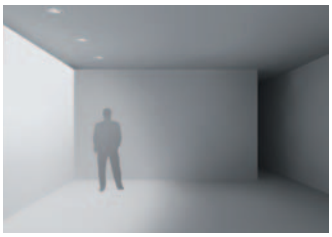
Luminance control UGR<19
Especially suitable for offices with VDUs, this UGR < 19 optic delivers excellent control of the light flux together with high output.

LED	11 - 13 - 18 - 19W
	20 - 22 - 23 - 24W
	32 - 34 - 55W

Double asymmetric
This innovative optic **(patented)** generates uniform lighting on parallel walls (such as corridors or supermarket lanes) and floor at the same time with the same luminaire. This results in high saving on installation and luminaire purchasing costs.

LED	20 - 22W
	32 - 34W

Downlight Wall Washer
The luminaire's innovative optical system allows even, unvarying lighting both on vertical surfaces and floors. An ideal solution to meet lighting design needs for display and retail areas.

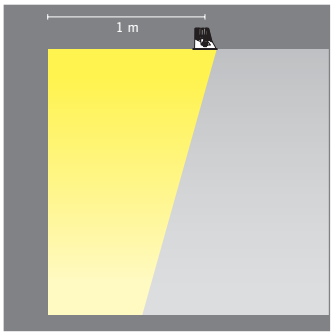


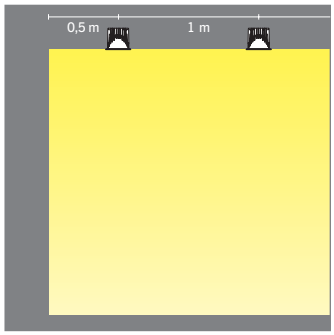
Downlight Wall Washer iGuzzini: uniform wall lighting

LED	11 - 13 - 18 - 19W
	20 - 21- 22 - 23W
	31 - 32 - 34 - 55W

Downlight Wall Washer correct installation

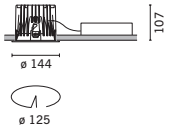
The table shows the correct installation distances for uniform lighting on the wall.





Reflex Easy

39
WHITE/ALUMINIUM



light source W lm code colour

LED

UGR<19

Complete with power supply

Neutral white

11 W 1100 **MB42** 39
18 W 2000 **MU16** 39

Warm white

13 W 1100 **MB43** 39
19 W 2000 **MU17** 39

Neutral white DALI

11 W 1100 **MB44** 39
18 W 2000 **MU18** 39

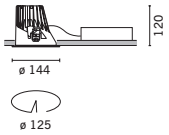
Warm white DALI

13 W 1100 **MB45** 39
19 W 2000 **MU19** 39

Warm white DALI - CRI 90

23 W 2000 **MU20** 39

IP54 - Class of Insulation II
DALI versions occupy 1 address



LED

Downlight wall washer

Complete with power supply

Neutral white

11 W 1100 **MB47** 39
18 W 2000 **MU21** 39

Warm white

13 W 1100 **MB48** 39
19 W 2000 **MU22** 39

Neutral white DALI

11 W 1100 **MB49** 39
18 W 2000 **MU23** 39

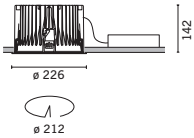
Warm white DALI

13 W 1100 **MB50** 39
19 W 2000 **MU24** 39

Warm white DALI - CRI 90

23 W 2000 **MU25** 39

IP43 - Class of Insulation II
DALI versions occupy 1 address



light source W lm code colour

LED

UGR<19

Complete with power supply

Neutral white

20 W 2000 ***MB82** 39
32 W 3000 ***MB84** 39
55 W 5000 **MM97** 39

Warm white

22 W 2000 ***MB83** 39
34 W 3000 ***MB85** 39
55 W 5000 **MM98** 39

Neutral white DALI

20 W 2000 ***MB86** 39
32 W 3000 ***MB88** 39
55 W 5000 **MM99** 39

Warm white DALI

22 W 2000 ***MB87** 39
34 W 3000 ***MB89** 39
55 W 5000 **MN00** 39

Neutral white with inverter

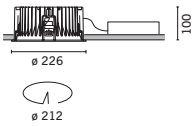
20 W 2000 **MB90** 39

Warm white with inverter

22 W 2000 **MB91** 39

IP23 (IP54 versions 5000 lm)
* Class of Insulation II

DALI versions occupy 1 address



LED

UGR<19

Complete with power supply

Neutral white

20 W 2000 **MB74** 39
32 W 3000 **MB76** 39

Warm white

22 W 2000 **MB75** 39
34 W 3000 **MB77** 39

Neutral white DALI

20 W 2000 **MB78** 39
32 W 3000 **MB80** 39

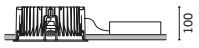
Warm white DALI

22 W 2000 **MB79** 39
34 W 3000 **MB81** 39

IP23 - Class of Insulation II
DALI versions occupy 1 address

Reflex Easy

39
WHITE/ALUMINIUM

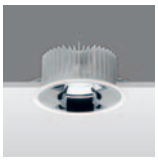


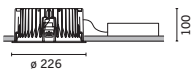
light source	W	lm	code	colour
LED	**General lighting**			
	Complete with power supply			
	Neutral white			
	20 W	2000	* **MB52**	39
	32 W	3000	* **MB54**	39
	55 W	5000	**MC04**	39
	Warm white			
	22 W	2000	* **MB53**	39
	34 W	3000	* **MB55**	39
	55 W	5000	**MC17**	39
	Neutral white DALI			
	20 W	2000	* **MB56**	39
	32 W	3000	* **MB58**	39
	55 W	5000	**MC18**	39
	Warm white DALI			
	22 W	2000	* **MB57**	39
	34 W	3000	* **MB59**	39
	55 W	5000	**MC60**	39
	Warm white DALI - CRI 90			
	21 W	2000	**MC39**	39
	31 W	3000	**MC40**	39
	Neutral white with inverter			
	20 W	2000	**MB60**	39
	Warm white with inverter			
	22 W	2000	**MB61**	39
	Neutral white mains voltage replaceable LED			
	18 W	1100	**MB62**	39
	Warm white mains voltage replaceable LED			
	20 W	1100	**MB63**	39

IP23 (IP54 versions 5000 lm)
* Class of Insulation II
DALI versions occupy 1 address

light source	W	lm	code	colour
LED	**Downlight wall washer**			
	Complete with power supply			
	Neutral white			
	20 W	2000	* **MB92**	39
	32 W	3000	* **MB94**	39
	55 W	5000	**MN01**	39
	Warm white			
	22 W	2000	* **MB93**	39
	34 W	3000	* **MB95**	39
	55 W	5000	**MN02**	39
	Neutral white DALI			
	20 W	2000	* **MB96**	39
	32 W	3000	* **MB98**	39
	55 W	5000	**MN03**	39
	Warm white DALI			
	22 W	2000	* **MB97**	39
	34 W	3000	* **MB99**	39
	55 W	5000	**MN04**	39
	Warm white DALI - CRI 90			
	21 W	2000	**MC43**	39
	31 W	3000	**MC44**	39

IP43
* Class of Insulation II
DALI versions occupy 1 address





light source	W	lm	code	colour
LED	**Double asymmetric**			
	Complete with power supply			
	Neutral white			
	20 W	2000	**MB66**	39
	32 W	3000	**MB68**	39
	Warm white			
	22 W	2000	**MB67**	39
	34 W	3000	**MB69**	39
	Neutral white DALI			
	20 W	2000	**MB70**	39
	32 W	3000	**MB72**	39
	Warm white DALI			
	22 W	2000	**MB71**	39
	34 W	3000	**MB73**	39

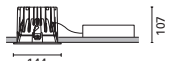
IP23 - Class of Insulation II
DALI versions occupy 1 address

accessories

		code	colour	code	colour
	IP54 protection screen	---	---	**MWR0**	24
	Diffusing perimetral side	---	---	**MWR1**	A5 for MB52-MB53-MB54 MB55-MB56-MB57 MB58-MB59-MB62-MB63
	Diffusing perimetral side with IP54 protection screen	---	---	**MWR2**	A5 for MB52-MB53-MB54 MB55-MB56-MB57 MB58-MB59-MB62-MB63 MC17-MC18-MC60
	Customisation rim	**MWP4**	15	**MWP5**	15
	Reinforcement plate for false ceilings	---	---	**6024**	00
	Casing for concrete ceilings	---	---	**6029** except for inverter versions **6030** for down light wall washer versions	00 00

Reflex Easy

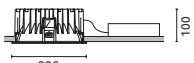
39
WHITE/ALUMINIUM



125x125

light source	W	lm	code colour
LED	UGR<19		
	Complete with power supply		
	Neutral white		
	11 W	1100	**MC00** 39
	18 W	2000	**MU26** 39
	Warm white		
	13 W	1100	**MC01** 39
	19 W	2000	**MU27** 39
	Neutral white DALI		
	11 W	1100	**MC02** 39
	18 W	2000	**MU28** 39
	Warm white DALI		
	13 W	1100	**MC03** 39
	19 W	2000	**MU29** 39
	Warm white DALI - CRI 90		
	23 W	2000	**MU30** 39

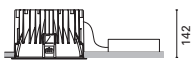
IP54 - Class of Insulation II
DALI versions occupy 1 address



212x212

light source	W	lm	code colour
LED	UGR<19		
	Complete with power supply		
	Neutral white		
	20 W	2000	**MC19** 39
	32 W	3000	**MC21** 39
	Warm white		
	22 W	2000	**MC20** 39
	34 W	3000	**MC22** 39
	Neutral white DALI		
	20 W	2000	**MC23** 39
	32 W	3000	**MC25** 39
	Warm white DALI		
	22 W	2000	**MC24** 39
	34 W	3000	**MC26** 39

IP23 - Class of Insulation II
DALI versions occupy 1 address

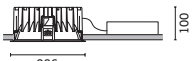


212x212

light source	W	lm	code colour
LED	UGR<19		
	Complete with power supply		
	Neutral white		
	20 W	2000	***MC27** 39
	32 W	3000	***MC29** 39
	Warm white		
	22 W	2000	***MC28** 39
	34 W	3000	***MC30** 39
	Neutral white DALI		
	20 W	2000	***MC31** 39
	32 W	3000	***MC33** 39
	Warm white DALI		
	22 W	2000	***MC32** 39
	34 W	3000	***MC34** 39
	Neutral white with inverter		
	20 W	2000	**MC35** 39
	Warm white with inverter		
	22 W	2000	**MC36** 39

IP23
* Class of Insulation II

DALI versions occupy 1 address



212x212

light source	W	lm	code colour
LED	General lighting		
	Complete with power supply		
	Neutral white		
	20 W	2000	***MC05** 39
	32 W	3000	***MC07** 39
	Warm white		
	22 W	2000	***MC06** 39
	34 W	3000	***MC08** 39
	Neutral white DALI		
	20 W	2000	***MC09** 39
	32 W	3000	***MC11** 39
	Warm white DALI		
	22 W	2000	***MC10** 39
	34 W	3000	***MC12** 39
	Warm white DALI - CRI>90		
	21 W	2000	**MC47** 39
	31 W	3000	**MC48** 39
	Neutral white with inverter		
	20 W	2000	**MC13** 39
	Warm white with inverter		
	22 W	2000	**MC14** 39
	Neutral white mains voltage - replaceable LED		
	18 W	1100	**MC15** 39
	Warm white mains voltage - replaceable LED		
	20 W	1100	**MC16** 39

IP23
* Class of Insulation II

DALI versions occupy 1 address

accessories	125x125 code	125x125 colour	212x212 code	212x212 colour
Customisation rim	**MWQ8**	15	**MWQ9**	15
IP54 protection screen	---	---	**MWR0**	24
Reinforcement plate for false ceilings	---	---	**6025**	00
Casing for concrete ceilings	---	---	**6031**	00 except for inverter versions

Torre del Agua - Expo 2008 - Zaragoza, Spain
Architectural project: Enrique de Teresa
Lighting project: Maurici Ginès, Artec3 - Photo: Josè Hevia

SCHUH KAY
arko
NEW YORKER

Sistema Easy

design Maurizio Varratta

Sistema Easy MH

General light

Wall Washer

ø 212

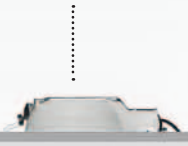
ø 212

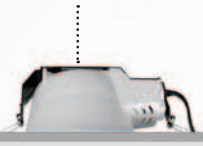
Sistema Easy FL

General light

General light
UGR<19

General light





ø 212

ø 212

⧄ 212

ø 250

⧄ 250

Phoenix Shopping Centre - Hamburg, Germany

Architectural project: ECE Projektmanagement GmbH
Lighting project: Luna Lichtarchitektur, Matthias Friedrich
Photo: MM-Video Fotostudio

The dimensions ø ⧄ relate to the hole recessed

Sistema Easy MH

Features

IP23

- Recessed installation in false ceilings with 1 to 25 mm.
- Die-cast aluminium body and heat sink.
- Mirror aluminium ultrapure reflectors with high luminous efficiency.
- Luminaire reduced height h=115mm.

Rapid installation

Quick-connecting terminal

Two-part reflector (for general light version)

Light distribution

General lighting
This optic with high performance reflector guarantees high level light output, reducing lighting system costs.

General light with diffuser glass
This version provides shadow-free diffused light, for uniform lighting without luminance contrast.

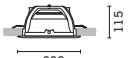
Wall Washer
The asymmetrical distribution of the beam of light allows uniform wall lighting, extending system lighting design flexibility.

HIT-DE-CE	70 - 150W

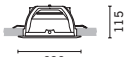
Sistema Easy MH

39
WHITE/ALUMINIUM

78
GREY/ALUMINIUM



light source	W	code colour
	General lighting	
HIT-DE-CE (Rx7s)	High-efficiency reflector complete with safety glass	
	70 W	**3927** 39-78
	150 W	**3928** 39-78
	Diffusing glass	
	70 W	**3929** 39-78
	150 W	**3930** 39-78



light source	W	code colour
	Wall washer	
HIT-DE-CE (Rx7s)	70 W	**4663** 39-78
	150 W	**4664** 39-78

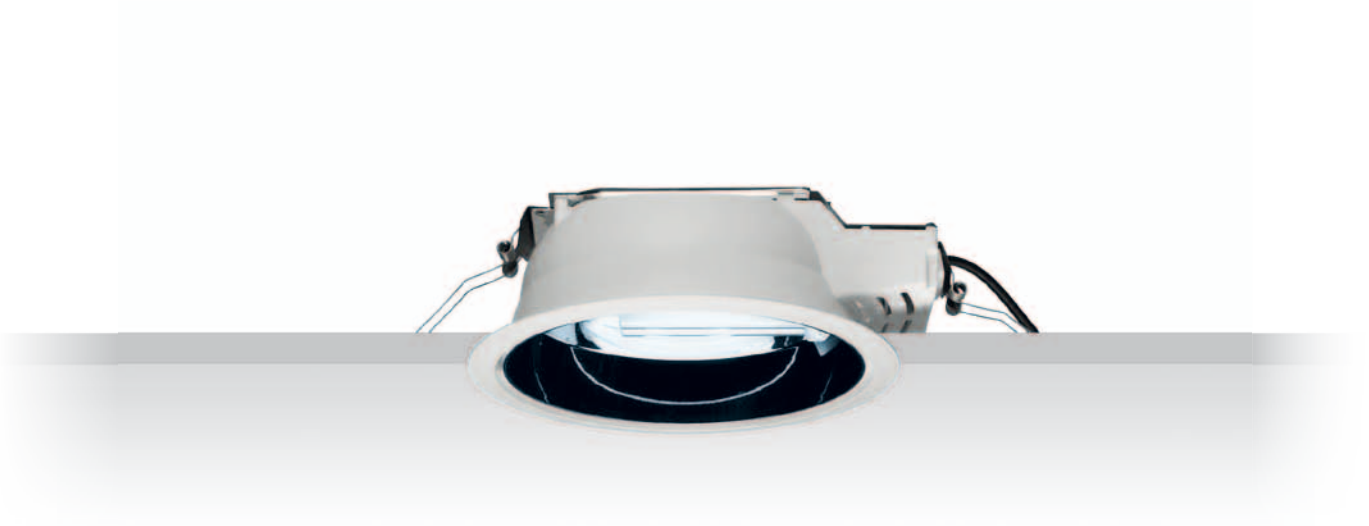
accessories

	code	colour
Reinforcement plate for false ceilings	**6024**	00
Casing for concrete ceilings	**6029**	00
	for 3927-3929-4663	

components

	code	colour
Electronic control gear		
for 70W HIT Kg. 0,350 - Dim. 185x90x37h	**4467**	00
for 150W HIT Kg. 0,350 - Dim. 185x90x37h	**4465**	00
Control gear complete with capacitor		
for 70W HIT Kg. 1,700 - Dim. 257x92x70h	**4469**	00
for 150W HIT Kg. 2,550 - Dim. 332x110x77h	**4470**	00
Control gear complete with capacitor and ignitor with controlled pulses		
for 70W HIT Kg. 1,700 - Dim. 257x92x70h	**4472**	00
for 150W HIT Kg. 2,550 - Dim. 332x110x77h	**4473**	00

Sistema Easy FL



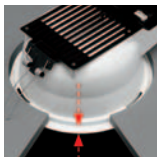
Features

IP23

- Recessed installation in false ceilings with 1 to 25 mm.
- Self-extinguishing thermoplastic body and painted sheet steel heat sink.
- Reflecting surface, 2 different finishes: high luminous efficiency specular metallized and matt.
- Available with electronic, multiwatt electronic and DALI control gear and emergency light with inverter.
- Dimmable DALI models are equipped with a Switch Dim, which allows the user to adjust the light with a standard electric switch.
- Luminaire reduced height h=100mm.

DALI PROTOCOL | SWITCH DIM FL | MULTI W | HIGH EFFICIENCY | EMERGENCY | h

Rapid installation


Large rim

Lamp centring device

Light distribution

Metallized reflector
High output and controlled emission make this reflector ideal for all public areas, even large ones.

TC-TEL	2x14/17W
TC-DEL	18 - 26 - 2x13W 2x18 - 2x26W
TC-TEL	32 - 42W 2x26/32/42W

Sistema Easy FL

Reflectors

Dark-light reflector UGR<19

Can be fitted on reflector with metallised finish

Reflector for downlight wall washer effect

Can be fitted on reflector with metallised finish

Decorative screens

Tapered decorative

Decorative cylindrical

Use of these accessories garantees IP44 degree of protection

Decorative glass

Screens

Transparent screen

Diffuser screen

Diffusing central part

Indicator screen

Use of these accessories garantees IP44 degree of protection

Customisation rims

Customisation rim

With transparent screen

With diffuser screen

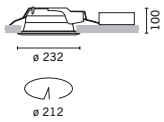
With diffusing central part

Use of these accessories garantees IP44 degree of protection

Sistema Easy FL

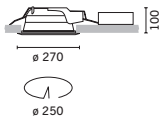
39 WHITE/ALUMINIUM

B5 GREY/WHITE

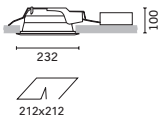


light source	W	code colour
	Metallized reflector Complete with control gear	
TC-DEL (G24q-1/2/3)	Electronic	
	18 W	**3300** 39
	26 W	**3301** 39
	2x13 W	**3302** 39
	2x18 W	**3303** 39
	2x26 W	**3304** 39
	DALI	
	18 W	**3343** 39
	26 W	**3344** 39
	2x18 W	**3345** 39
	2x26 W	**3346** 39
	Inductive with inverter	
	2x18 W	**3359** 39
	2x26 W	**3360** 39
TC-TEL (GX24q-3/4)	Electronic	
	32 W	**3305** 39
	42 W	**3595** 39
	2x32 W	**3306** 39
	DALI	
	32 W	**3347** 39
	42 W	**3348** 39
	2x32 W	**3349** 39
TC-TEL (GR14q-1)	Electronic	
	2x14/17 W	**6276** 39
	DALI	
	2x14/17 W	**6277** 39
	Inductive with inverter	
	2x14/17 W	**6278** 39

DALI versions (class of insulation I) occupy 1 DALI address.
Code 6278 is in Insulation Class I and cannot use accessory code 6095.

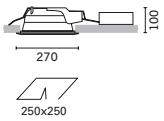


	Metallized reflector Complete with control gear	
TC-DEL (G24q-3)	Electronic	
	2x26/32/42 W	**6283** 39
TC-TEL (GX24q-3/4)		



light source	W	code colour
	Metallized reflector Complete with control gear	
TC-DEL (G24q-1/2/3)	Electronic	
	18 W	**3864** 39
	26 W	**3865** 39
	2x13 W	**3866** 39
	2x18 W	**3867** 39
	2x26 W	**3868** 39
	DALI	
	18 W	**3907** 39
	26 W	**3908** 39
	2x18 W	**3909** 39
	2x26 W	**3910** 39
	Inductive with inverter	
	2x18 W	**3923** 39
	2x26 W	**3924** 39
TC-TEL (GX24q-3/4)	Electronic	
	32 W	**3869** 39
	42 W	**3598** 39
	2x32 W	**3870** 39
	DALI	
	32 W	**3911** 39
	42 W	**3912** 39
	2x32 W	**3913** 39
TC-TEL (GR14q-1)	Electronic	
	2x14/17 W	**6279** 39
	DALI	
	2x14/17 W	**6280** 39
	Inductive with inverter	
	2x14/17 W	**6281** 39

DALI versions (class of insulation I) occupy 1 DALI address.
Code 6281 is in Insulation Class I and cannot use accessory code 6096.



	Metallized reflector Complete with control gear	
TC-DEL (G24q-3)	Electronic	
	2x26/32/42 W	**6289** 39
TC-TEL (GX24q-3/4)		

Sistema Easy FL

accessories	212 code	212 colour	250 code	250 colour	212x212 code	212x212 colour	250x250 code	250x250 colour
Dark-light reflector UGR<19	**6926**	12 for version with metallized reflector	**9676**	12	**6930**	12 for version with metallized reflector	**9677**	12
Reflector for downlight wall washer effect	**6095**	12 for version with metallized reflector no for 6278	**---**	---	**6096**	12 for version with metallized reflector no for 6281	**---**	---
Transparent screen IP44	**6016**	24	**9613**	24	**6020**	24	**9616**	24
Diffuser screen IP44	**6017**	65	**9614**	65	**6021**	65	**9617**	65
Protection screen with diffusing central part IP44	**6035**	B7	**9615**	B7	**6036**	B7	**9618**	B7
Customisation rim It cannot be installed in combination with diffusers	**6037**	15	**---**	---	**6042**	15	**---**	---
Customisation rim complete with transparent protection screen IP44					**6043**	B6	**---**	---
grey customisation rim	**6038**	B6	**---**	---				
white customisation rim	**6039**	D8	**---**	---				
Customisation rim complete with diffusing protection screen IP44	**6040**	A1	**---**	---	**6044**	A1	**---**	---
Customisation rim complete with protection screen with diffusing central part IP44	**6041**	A1	**---**	---	**6045**	A1	**---**	---
Decorative glass	**6046**	A1-D9	**---**	---				
Reinforcement plate for false ceilings	**6024**	00	**9648**	00	**6025**	00	**9649**	00
Casing for concrete ceilings	**6029**	00 no for 3284-3290 3359-3360-6278	**9674**	00 except for amalgam sources	**6031**	00 no for 3923-3924-6281	**9675**	00 except for amalgam sources

Sistema Easy Comfort FL

Features

IP23

- Recessed installation in false ceilings with 1 to 25 mm.
- Self-extinguishing thermoplastic body and painted sheet steel heat sink.
- Metallized mirror reflecting surface, with a high level of visual comfort.
- Available with electronic and DALI control gear and emergency with inverter.
- Suitable for use in environments with video terminals UGR<19.
- Dimmable DALI models are equipped with a Switch Dim, which allows the user to adjust the light with a standard electric switch.

DALI PROTOCOL · SWITCH DIM FL · EMERGENCY

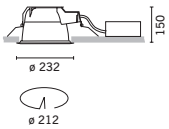
Light distribution

Metallized reflector
High output and controlled emission make this reflector ideal for all public areas, even large ones.

TC-TEL	2x14/17W
TC-DEL	18 - 26 - 2x13W
	2x18 - 2x26W
TC-TEL	32 - 42W
	2x32W

Sistema Easy Comfort FL

39
WHITE/ALUMINIUM



light source	W	code colour
	Metallized reflector **Complete with control gear**	
TC-DEL (G24q-1/2/3)	Electronic	
	18 W	**3570** 39
	26 W	**3571** 39
	2x13 W	**3572** 39
	2x18 W	**3573** 39
	2x26 W	**3574** 39
	DALI	
	18 W	**3585** 39
	26 W	**3586** 39
	2x18 W	**3587** 39
	2x26 W	**3588** 39
	Emergency light with inverter	
	2x18 W	**3592** 39
	2x26 W	**3593** 39
TC-TEL (GX24q-3/4)	Electronic	
	32 W	**3575** 39
	42 W	**3576** 39
	2x32 W	**3577** 39
	DALI	
	32 W	**3589** 39
	42 W	**3590** 39
	2x32 W	**3591** 39
TC-TEL (GR14q-1)	Electronic	
	2x14/17 W	**6227** 39
	DALI	
	2x14/17 W	**6228** 39
	Emergency light with inverter	
	2x14/17 W	**6229** 39

DALI versions (class of insulation I)
occupy 1 DALI address.

accessories

	code	colour
Customisation rim	**6037**	15
Customisation rim complete with transparent protection screen IP44		
grey customisation rim	**6038**	B6
white customisation rim	**6039**	D8

BUCHERER
ROLEX
BUCHERER
BUCHERER
BUCHERER
ROLEX

Pixel Pro

Pixel Pro

Adjustable optic

ø 100 ø 125 ø 195

Pixel Pro Frame

Adjustable optic

⧈ 142 270x138 386x138

Bucherer Jeweller's - Lucerne, Switzerland
Photo: Günter Laznia

The dimensions ø ⧈ relate to the hole recessed

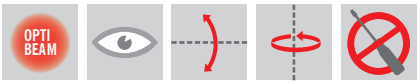
Pixel Pro

design Iosa Ghini

Features

IP20

- Recessed installation in false ceilings with 1 to 30 mm without tools.
- Made with recyclable materials: aluminium and steel.
- Opti Beam interchanging reflectors with high luminous efficiency and uniform distribution.
- High visual comfort.
- 45° internal and 75° external adjustability, 355° rotation around vertical axis.
- LED versions with warm and neutral monochromatic white emission; available with passive dissipation with lamellar radiator or active with cooling fan.
- Versions with latest generation discharge lamps with integrated electronic control gear (except for HIT - G12 models).

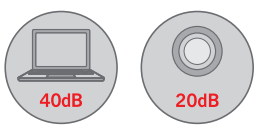


45° internal adjustability

75° external adjustability

Heat dissipation

Two innovative heat dissipation solutions: active and passive. The active version includes a small cooling fan which allows the use of higher powered LEDs and therefore optimum performance.



Active dissipation
20 db

Passive dissipation

Pixel Pro

Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

E - Elliptical*

WW - Wall Washer*

LED PASSIVE DISSIPATION	9 - 23 - 30W
	37 - 44W
LED ACTIVE DISSIPATION	19 - 37W
HIT-TC-CE	35 - 50 - 70W
HIT-CE	20 - 35W
HIT-CE	20 - 35 - 50W
	70 - 100 - 150W

* The Elliptical and Wall Washer optics are obtained by fitting the appropriate accessory.

- LED **Single Chip**
- Colour stability
  Mac Adam <3
- Life
  50000 h **L80**
- Color temperature:
  Neutral white **4000K**
  Warm white **3000K**

lumen lm	LED	QR CBC 51	ENERGY SAVING	QR 111	ENERGY SAVING	HIT-CE	ENERGY SAVING
1280	19W	50W	62%	-	-	-	-
2000	23W	2x50W	77%	-	-	-	-
4000	44W	-	-	3x100W	85%	50W	12%

(3000K) LED energy saving compared with conventional lamps

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.
The combination of filters allows the lamp color features to be changed, to make the most of the objects lit or the space.

Cover
for HIT-CE version

Refractor for
elliptical distribution

Wall-washer
effect glass

UV filter

Coloured
filters

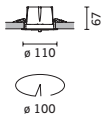
Interchangeable reflector

Spill-ring

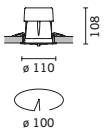
Pixel Pro

39
WHITE/ALUMINIUM

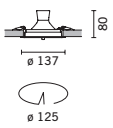
78
GREY/ALUMINIUM



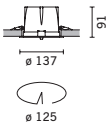
light source	W	lm	optic	code colour
LED	**Passive dissipation**			
	Complete with power supply			
	Neutral white			
	9 W	820	10°	**MD77** 39-78
	9 W	820	26°	**MD78** 39-78
	Warm white			
	9 W	750	10°	**MD79** 39-78
	9 W	750	26°	**MD80** 39-78
	Neutral white DALI			
	9 W	820	10°	**MN58** 39-78
	9 W	820	26°	**MN59** 39-78
	Warm white DALI			
	9 W	750	10°	**MN60** 39-78
	9 W	750	26°	**MN61** 39-78
	Warm white DALI - CRI>90			
	9 W	660	10°	**MN62** 39-78
	9 W	660	26°	**MN63** 39-78
	DALI versions in insulation class I			



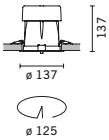
LED	**Active dissipation**			
	Complete with power supply			
	Neutral white			
	19 W	1400	10°	**MD81** 39-78
	19 W	1400	26°	**MD82** 39-78
	Warm white			
	19 W	1280	10°	**MD83** 39-78
	19 W	1280	26°	**MD84** 39-78
	Neutral white DALI			
	19 W	1400	10°	**MN64** 39-78
	19 W	1400	26°	**MN65** 39-78
	Warm white DALI			
	19 W	1280	10°	**MN66** 39-78
	19 W	1280	26°	**MN67** 39-78
	Warm white DALI - CRI>90			
	19 W	1130	10°	**MN68** 39-78
	19 W	1130	26°	**MN69** 39-78
	DALI versions in insulation class I			



HIT-CE (GU6,5)	Complete with electronic control gear			
	20 W		6°	**MD85** 39-78
	20 W		28°	**MD86** 39-78
	20 W		46°	**MD87** 39-78
	35 W		8°	**MD88** 39-78
	35 W		28°	**MD89** 39-78
	35 W		46°	**MD90** 39-78



light source	W	lm	optic	code colour
LED	**Passive dissipation**			
	Complete with power supply			
	Neutral white			
	23 W	2000	15°	**MM31** 39-78
	23 W	2000	22°	**MD91** 39-78
	23 W	2000	42°	**MD92** 39-78
	23 W	2000	60°	**MD93** 39-78
	Warm white			
	23 W	2000	15°	**MM32** 39-78
	23 W	2000	22°	**MD94** 39-78
	23 W	2000	42°	**MD95** 39-78
	23 W	2000	60°	**MD96** 39-78
	Neutral white DALI			
	23 W	2000	15°	**MN70** 39-78
	23 W	2000	22°	**MN71** 39-78
	23 W	2000	42°	**MN72** 39-78
	23 W	2000	60°	**MN73** 39-78
	Warm white DALI			
	23 W	2000	15°	**MN74** 39-78
	23 W	2000	22°	**MN75** 39-78
	23 W	2000	42°	**MN76** 39-78
	23 W	2000	60°	**MN77** 39-78
	Warm white DALI - CRI>90			
	23 W	1650	15°	**MN78** 39-78
	23 W	1650	22°	**MN79** 39-78
	23 W	1650	42°	**MN80** 39-78
	23 W	1650	60°	**MN81** 39-78
	DALI versions in insulation class I			

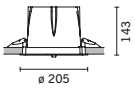


LED	**Active dissipation**			
	Complete with power supply			
	Neutral white			
	37 W	3000	15°	**MM33** 39-78
	37 W	3000	22°	**MD97** 39-78
	37 W	3000	42°	**MD98** 39-78
	37 W	3000	60°	**MD99** 39-78
	Warm white			
	37 W	3000	15°	**MM34** 39-78
	37 W	3000	22°	**ME00** 39-78
	37 W	3000	42°	**ME01** 39-78
	37 W	3000	60°	**ME02** 39-78
	Neutral white DALI			
	37 W	3000	15°	**MN82** 39-78
	37 W	3000	22°	**MN83** 39-78
	37 W	3000	42°	**MN84** 39-78
	37 W	3000	60°	**MN85** 39-78
	Warm white DALI			
	37 W	3000	15°	**MN86** 39-78
	37 W	3000	22°	**MN87** 39-78
	37 W	3000	42°	**MN88** 39-78
	37 W	3000	60°	**MN89** 39-78
	Warm white DALI - CRI>90			
	37 W	2450	15°	**MN90** 39-78
	37 W	2450	22°	**MN91** 39-78
	37 W	2450	42°	**MN92** 39-78
	37 W	2450	60°	**MN93** 39-78
	DALI versions in insulation class I			

Pixel Pro

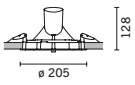
39
WHITE/ALUMINIUM

78
GREY/ALUMINIUM



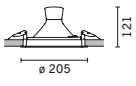
light source	W	lm	optic	code colour
LED	**Passive dissipation**			
	Complete with power supply			
	Neutral white			
	37 W	3000	12°	**MM35** 39-78
	30 W	3000	20°	**ME21** 39-78
	30 W	3000	38°	**ME22** 39-78
	30 W	3000	48°	**ME23** 39-78
	44 W	4000	20°	**ME27** 39-78
	44 W	4000	38°	**ME28** 39-78
	44 W	4000	48°	**ME29** 39-78
	Warm white			
	37 W	3000	12°	**MM36** 39-78
	30 W	3000	20°	**ME24** 39-78
	30 W	3000	38°	**ME25** 39-78
	30 W	3000	48°	**ME26** 39-78
	44 W	4000	20°	**ME30** 39-78
	44 W	4000	38°	**ME31** 39-78
	44 W	4000	48°	**ME32** 39-78
	Neutral white DALI			
	37 W	3000	12°	**MN94** 39-78
	30 W	3000	20°	**MN95** 39-78
	30 W	3000	38°	**MN96** 39-78
	30 W	3000	48°	**MN97** 39-78
	44 W	4000	20°	**MP07** 39-78
	44 W	4000	38°	**MP08** 39-78
	44 W	4000	48°	**MP09** 39-78
	Warm white DALI			
	37 W	3000	12°	**MN98** 39-78
	30 W	3000	20°	**MN99** 39-78
	30 W	3000	38°	**MP01** 39-78
	30 W	3000	48°	**MP02** 39-78
	44 W	4000	20°	**MP10** 39-78
	44 W	4000	38°	**MP11** 39-78
	44 W	4000	48°	**MP12** 39-78
	Warm white DALI - CRI>90			
	37 W	2450	12°	**MP03** 39-78
	30 W	2450	20°	**MP04** 39-78
	30 W	2450	38°	**MP05** 39-78
	30 W	2450	48°	**MP06** 39-78
	44 W	3300	20°	**MP13** 39-78
	44 W	3300	38°	**MP14** 39-78
	44 W	3300	48°	**MP15** 39-78

DALI versions in insulation class I



HIT-CE (G12)	20/35/70/150 W	8°	***ME15** 39-78
	20/35/70/150 W	28°	***ME16** 39-78
	Complete with electronic control gear			
	50 W		8°	**ME17** 39-78
	50 W		28°	**ME18** 39-78
	100 W		10°	**ME19** 39-78
	100 W		28°	**ME20** 39-78

* Control gear to be ordered separately.



light source	W	optic	code colour
HIT-TC-CE (G8,5)	Complete with electronic control gear		
	35 W	8°	**ME03** 39-78
	35 W	28°	**ME04** 39-78
	50 W	10°	**ME05** 39-78
	50 W	28°	**ME06** 39-78
	50 W	48°	**ME07** 39-78
	70 W	10°	**ME08** 39-78
	70 W	28°	**ME09** 39-78
	70 W	48°	**ME10** 39-78
	High-efficiency reflector		
	Complete with electronic control gear		
	35 W	10°	**ME11** 39-78
	35 W	30°	**ME12** 39-78
	70 W	10°	**ME13** 39-78
	70 W	30°	**ME14** 39-78

For products with a high efficiency reflector we advise against the use of accessories so as to leave the LOR unchanged.

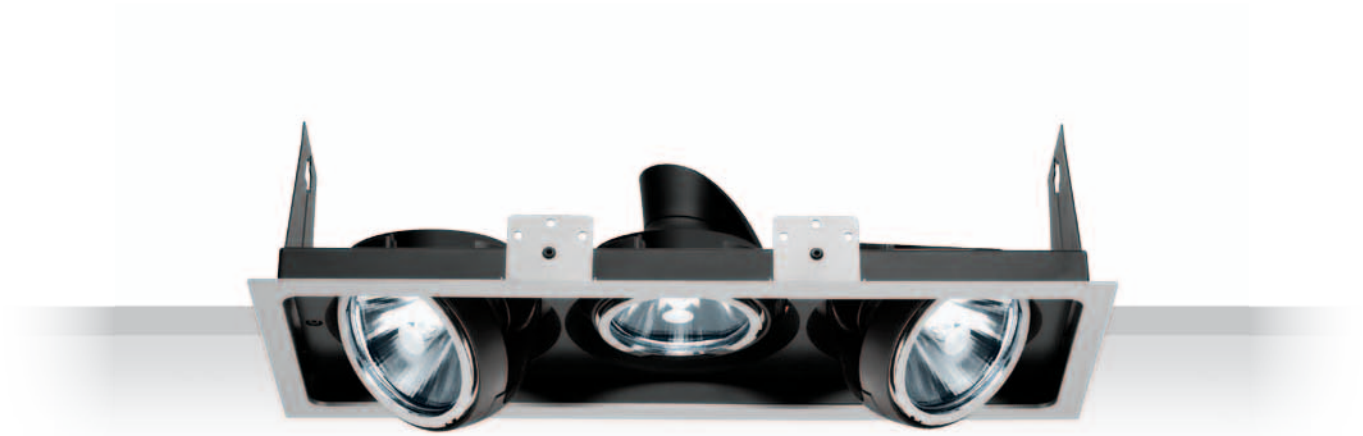
accessories

	code	colour	code	colour
Refractor for elliptical distribution	**1191**	24	**9539**	24
Wall washer effect glass	**MXG6**	65	**MX60**	65
Coloured filters	**4491**	05-06-09 24	**8782**	05-06-09 24
UV filter	**4497**	24	**MX61**	24
Spill-ring	**MX58**	04 for HIT-CE	**MX59**	04 for HIT-CE - HIT-TC-CE
Interchanging reflectors for discharge lamps				
medium (20°)	**MX64**	12 for HIT-CE	**MX65**	12 for HIT-TC-CE
Cover	**MX62**	04 for versions HIT-CE	**MX63**	04 for versions HIT-CE - HIT-TC-CE

components

	code	colour
Electronic control gear		
for 20 W HIT Kg. 0,320 - Dim. 225x60x37h	**9698**	00
for 35 W HIT Kg. 0,320 - Dim. 225x60x37h	**4466**	00
for 70 W HIT Kg. 0,350 - Dim. 185x90x37h	**4467**	00
for 150 W HIT Kg. 0,350 - Dim. 185x90x37h	**4465**	00

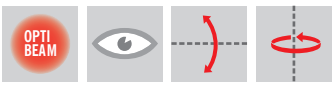
Pixel Pro Frame



Features

IP20

- Recessed installation in false ceilings with 1 to 30 mm.
- Made with recyclable materials: aluminium and steel.
- Available in the single square and rectangular versions with 2 and 3 compartments and perimeter rim.
- Opti Beam interchanging reflectors with high luminous efficiency and uniform distribution.
- High visual comfort.
- Versions with one optical assembly with 45° internal and 75° external adjustability, 355° rotation around vertical axis.
- LED versions with warm and neutral monochromatic white emission; available with passive dissipation with lamellar radiator or active with cooling fan.
- Versions with latest generation discharge lamps with integrated electronic control gear.



Double adjustability internal/external

Range

151 x 151

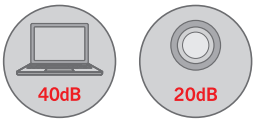
282 x 151

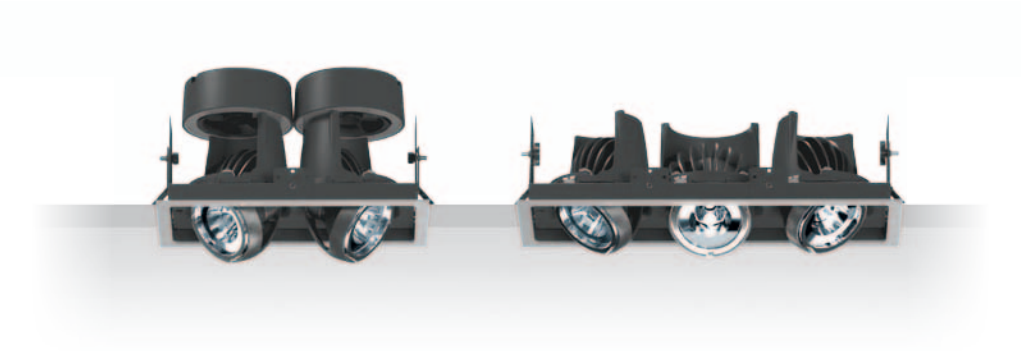
398 x 151

Pixel Pro Frame

Heat dissipation

Two innovative heat dissipation solutions: active and passive. The active version includes a small cooling fan which allows the use of higher powered LEDs and therefore optimum performance.





Active dissipation
20 db

Passive dissipation

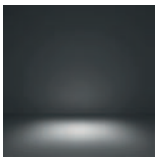
Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°



E - Elliptical*

WW - Wall Washer*

LED PASSIVE DISSIPATION	23W
LED ACTIVE DISSIPATION	37W
HIT-CE	35W

* The Elliptical and Wall Washer optics are obtained by fitting the appropriate accessory.

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

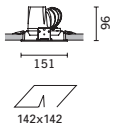
lumen lm	LED	QR CBC 51	ES
2000	23W	2x50W	77%
3000	37W	3x50W	75%

(3000K) LED energy saving compared with conventional lamps

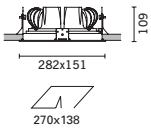
Pixel Pro Frame

39
WHITE/ALUMINIUM

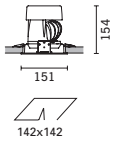
E1
GREY/BLACK/ALUMINIUM



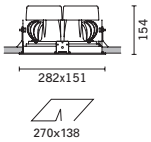
light source	W	lm	optic	code colour
LED	**Passive dissipation**			
	Complete with power supply			
	Neutral white			
	23 W	2000	60°	**MF13** 39-E1
	Warm white			
	23 W	2000	22°	**MF14** 39-E1
	23 W	2000	42°	**MF15** 39-E1
	23 W	2000	60°	**MF16** 39-E1
	Neutral white DALI			
	23 W	2000	60°	**MP16** 39-E1
	Warm white DALI			
	23 W	2000	22°	**MP17** 39-E1
	23 W	2000	42°	**MP18** 39-E1
	23 W	2000	60°	**MP19** 39-E1
	Warm white DALI - CRI>90			
	23 W	1650	22°	**MP20** 39-E1
	23 W	1650	42°	**MP21** 39-E1
	23 W	1650	60°	**MP22** 39-E1



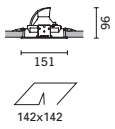
light source	W	lm	optic	code colour
LED	**Passive dissipation**			
	Complete with power supply			
	Neutral white			
	2x23 W	2000	60°	**MF17** 39-E1
	Warm white			
	2x23 W	2000	22°	**MF18** 39-E1
	2x23 W	2000	42°	**MF19** 39-E1
	2x23 W	2000	60°	**MF20** 39-E1
	Neutral white DALI			
	2x23 W	2000	60°	**MP23** 39-E1
	Warm white DALI			
	2x23 W	2000	22°	**MP24** 39-E1
	2x23 W	2000	42°	**MP25** 39-E1
	2x23 W	2000	60°	**MP26** 39-E1
	Warm white DALI - CRI>90			
	2x23 W	1650	22°	**MP27** 39-E1
	2x23 W	1650	42°	**MP28** 39-E1
	2x23 W	1650	60°	**MP29** 39-E1



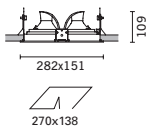
LED	**Active dissipation**			
	Complete with power supply			
	Neutral white			
	37 W	3000	60°	**ML16** 39-E1
	Warm white			
	37 W	3000	22°	**ML17** 39-E1
	37 W	3000	42°	**ML18** 39-E1
	37 W	3000	60°	**ML19** 39-E1
	Neutral white DALI			
	37 W	3000	60°	**MP37** 39-E1
	Warm white DALI			
	37 W	3000	22°	**MP38** 39-E1
	37 W	3000	42°	**MP39** 39-E1
	37 W	3000	60°	**MP40** 39-E1
	Warm white DALI - CRI>90			
	37 W	2450	22°	**MP41** 39-E1
	37 W	2450	42°	**MP42** 39-E1
	37 W	2450	60°	**MP43** 39-E1



LED	**Active dissipation**			
	Complete with power supply			
	Neutral white			
	2x37 W	3000	60°	**ML20** 39-E1
	Warm white			
	2x37 W	3000	22°	**ML21** 39-E1
	2x37 W	3000	42°	**ML22** 39-E1
	2x37 W	3000	60°	**ML23** 39-E1
	Neutral white DALI			
	2x37 W	3000	60°	**MP44** 39-E1
	Warm white DALI			
	2x37 W	3000	22°	**MP45** 39-E1
	2x37 W	3000	42°	**MP46** 39-E1
	2x37 W	3000	60°	**MP47** 39-E1
	Warm white DALI - CRI>90			
	2x37 W	2450	22°	**MP48** 39-E1
	2x37 W	2450	42°	**MP49** 39-E1
	2x37 W	2450	60°	**MP50** 39-E1



HIT-CE (GU6,5)	Complete with electronic control gear			
	35 W		8°	**MF04** 39-E1
	35 W		28°	**MF05** 39-E1
	35 W		46°	**MF06** 39-E1
	Class of Insulation I			

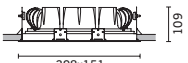


HIT-CE (GU6,5)	Complete with electronic control gear			
	2x35 W		8°	**MF07** 39-E1
	2x35 W		28°	**MF08** 39-E1
	2x35 W		46°	**MF09** 39-E1
	Class of Insulation I			

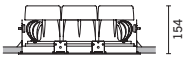
Pixel Pro Frame

39
WHITE/ALUMINIUM

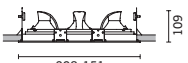
E1
GREY/BLACK/ALUMINIUM



light source	W	lm	optic	code	colour
LED	**Passive dissipation**				
	Complete with power supply				
	Neutral white				
	3x23	W 2000	60°	**MF21**	39-E1
	Warm white				
	3x23	W 2000	22°	**MF22**	39-E1
	3x23	W 2000	42°	**MF23**	39-E1
	3x23	W 2000	60°	**MF24**	39-E1
	Neutral white DALI				
	3x23	W 2000	60°	**MP30**	39-E1
	Warm white DALI				
	3x23	W 2000	22°	**MP31**	39-E1
	3x23	W 2000	42°	**MP32**	39-E1
	3x23	W 2000	60°	**MP33**	39-E1
	Warm white DALI - CRI>90				
	3x23	W 1650	22°	**MP34**	39-E1
	3x23	W 1650	42°	**MP35**	39-E1
	3x23	W 1650	60°	**MP36**	39-E1



LED	**Active dissipation**				
	Complete with power supply				
	Neutral white				
	3x37	W 3000	60°	**ML24**	39-E1
	Warm white				
	3x37	W 3000	22°	**ML25**	39-E1
	3x37	W 3000	42°	**ML26**	39-E1
	3x37	W 3000	60°	**ML27**	39-E1
	Neutral white DALI				
	3x37	W 3000	60°	**MP51**	39-E1
	Warm white DALI				
	3x37	W 3000	22°	**MP52**	39-E1
	3x37	W 3000	42°	**MP53**	39-E1
	3x37	W 3000	60°	**MP54**	39-E1
	Warm white DALI - CRI>90				
	3x37	W 2450	22°	**MP55**	39-E1
	3x37	W 2450	42°	**MP56**	39-E1
	3x37	W 2450	60°	**MP57**	39-E1



HIT-CE (GU6,5)	Complete with electronic control gear				
	3x35	W	8°	**MF10**	39-E1
	3x35	W	28°	**MF11**	39-E1
	3x35	W	46°	**MF12**	39-E1
	Class of Insulation I				

accessories

	code	colour
Refractor for elliptical distribution	**1191**	24
Wall washer effect glass	**MXG6**	65
Coloured filters	**4491**	05-06-09 24
UV filter	**4497**	24
Spill-ring	**MX58** for HIT-CE	04
Interchanging reflectors for HIT-CE lamps		
medium	**MX64**	12
Cover	**MX62** for versions HIT-CE	04

Pixel Plus

Features

IP43

- Recessed installation in false ceilings with 1 to 25 mm.
- Die-cast aluminium body, thermoplastic material.
- Double adjustability: internal (40°) and external (65°) with respect to horizontal plane with continuous friction; 355° rotation around vertical axis.
- Versions with reflector with high luminous efficiency.
- LED versions with high color rendering index >90.

Front frame connected to the reflector

Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

E - Elliptical*

WW - Wall Washer*

LED	10 - 17W
QR-CBC 51	50W
QR 111	75W
QT 12 ES	75 - 100W
HIT-TC-CE	20 - 35 - 70W
HIT-CE	20 - 35 - 70W 100 - 150W
HST	35 - 50 - 100W

* The Elliptical and Wall Washer optics are obtained by fitting the appropriate accessory.

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	ENERGY SAVING
1090	12W	50W	76%
1660	17W	2x50W	83%

(3000K) LED energy saving compared with conventional lamps

Pixel Plus

01 WHITE

15 GREY

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.
The combination of filters allows the lamp color features to be changed, to make the most of the objects lit or the space.

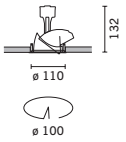
Wall washer effect glass

Refractor for elliptical distribution

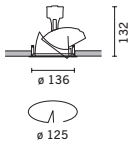
UV filter

Spill-ring

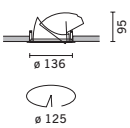
Coloured filters



light source	W	lm	optic	code colour
QR CBC 51 (GU5,3)	50 W 12 V			**4264** 01-15
	Class of Insulation III			
QT 12 ES (GY6,35)	75 W max 12 V		74°	**4265** 01-15
	IP23 - Class of Insulation III			



light source	W	optic	code colour
HIT-TC-CE (G8,5)	Complete with electronic control gear		
	20 W	16°	**4278** 01-15
	20 W	32°	**4279** 01-15
	35 W	16°	**4266** 01-15
	35 W	32°	**4267** 01-15
	50 W	16°	**MC75** 01-15
	50 W	32°	**MC76** 01-15
	70 W	16°	**4268** 01-15
	70 W	32°	**4269** 01-15
QT 12 ES (GY6,35)	100 W max 12 V	8°	**4270** 01-15
	100 W max 12 V	38°	**4271** 01-15
	IP23 - Class of Insulation III		

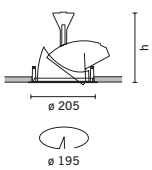


LED

Complete with power supply

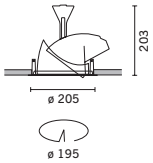
Neutral white			
12 W	1170	6°	**4659** 01-15
12 W	1170	12°	**4661** 01-15
17 W	1790	12°	**M350** 01-15
17 W	1790	20°	**M352** 01-15
Warm white			
12 W	1090	6°	**4660** 01-15
12 W	1090	12°	**4662** 01-15
17 W	1660	12°	**M351** 01-15
17 W	1660	20°	**M353** 01-15
Warm white - CRI 90			
12 W	930	6°	**MM20** 01-15
12 W	930	12°	**MM21** 01-15
17 W	1420	12°	**MM22** 01-15
17 W	1420	20°	**MM23** 01-15

ENEC 15 approved products



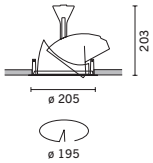
light source	W	lm	optic	code colour
QR 111 (G53)	75 W 12 V	173		**4276** 01-15
	IP23 - Class of Insulation III			
HST (PG12-1)	35/50/100 W	217	12°	**4274** 01-15
	35/50/100 W	217	44°	**4275** 01-15
	IP23 - Class of Insulation I			

Pixel Plus



light source	W	optic	code colour
	High-efficiency reflector		
HIT-TC-CE (G8,5)	20/35/70W	12°	**M185** 01-15
	20/35/70W	30°	**M186** 01-15
HIT-CE (G12)	20/35/50/70/100/150W	12°	**4658** 01-15

We advise against the use of accessories so as to leave the LOR unchanged



light source	W	optic	code colour
	Visual comfort reflector		
HIT-CE (G12)	20/35/50/70/150W	12°	**4272** 01-15
	20/35/50/70/150W	38°	**4273** 01-15

accessories

	100	125	195
	code colour	code colour	code colour
Refractor for elliptical distribution	**---** ---	**1191** 24 no for LED	**1192** 24 for 4272-4276-4658
Wall washer effect glass	**---** ---	**4494** B7 for 4267-4269-4271 4279-MC76	**4495** B7 for 4273-4276 **4496** 65 for 4275
Coloured filters	**8658** 05-06-09 24 65 for 4264	**4491** 05-06-09 24 for 4266-4267-4270 4271-4278-4279 MC75-MC76	**9537** 05-06-09 24 for 4272-4273 4276-4658
UV filter	**---** ---	**4497** 24 for HIT-TC-CE	**4498** 24 for 4272-4273-4658 M185-M186
Spill-ring	**9545** 04 for 4265	**9546** 04 no for LED	**9547** 04 no for HIT-TC-CE
Casing for concrete ceilings	**9519** 00	**9548** 00 for QT12	**9549** 00 for 4276

components

Electronic control gear

	code colour
for 2x35W HIT Kg. 0,365 - Dim. 175x79,5x32h	**4437** 00

Electronic control gear

	code colour
for 20W HIT Kg. 0,320 - Dim. 225x60x37h	**9698** 00
for 35W HIT Kg. 0,320 - Dim. 225x60x37h	**4466** 00
for 50W HIT Kg. 0,320 - Dim. 188x83x35h	**MWR3** 00
for 70W HIT Kg. 0,350 - Dim. 185x90x37h	**4467** 00
for 100W HIT Kg. 0,350 - Dim. 224x83x38h	**MWR4** 00
for 150W HIT Kg. 0,350 - Dim. 185x90x37h	**4465** 00

Control gear complete with capacitor

	code colour
for 35W HIT Kg. 1,450 - Dim. 257x92x70h	**4468** 00
for 70W HIT Kg. 1,700 - Dim. 257x92x70h	**4469** 00
for 150W HIT Kg. 2,550 - Dim. 332x110x77h	**4470** 00

Control gear complete with capacitor

	code colour
for 35W HST Kg. 1,550 - Dim. 332x110x77h	**4474** 00
for 50W HST Kg. 1,550 - Dim. 332x110x77h	**4475** 00
for 100W HST Kg. 1,950 - Dim. 332x110x77h	**4476** 00

Control gear complete with capacitor and ignitor with controlled pulses

	code colour
for 35W HIT Kg. 1,450 - Dim. 257x92x70h	**4471** 00
for 70W HIT Kg. 1,700 - Dim. 257x92x70h	**4472** 00
for 150W HIT Kg. 2,550 - Dim. 332x110x77h	**4473** 00

Electronic safety transformer

	code colour
10-60W 230/12V St	**5581** 00
35-105W 230/12V St	**5583** 00

Electronic safety transformer

	code colour
50-200W 230/12V Top	**5586** 00
50-200W 230/12V St	**5587** 00
20-60W 230/12V St	**5584** 00
50-105W 230/12V St	**5585** 00

Pixel

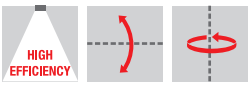
01 WHITE

15 GREY

Features

IP43

- Recessed installation in false ceilings with 1 to 25 mm.
- Die-cast aluminium body.
- Mirror aluminium ultrapure reflectors.
- Double adjustability: external 45° with respect to horizontal plane and 355° rotation around the vertical axis.
- Versions with reflector with high luminous efficiency.



Optics and lamps

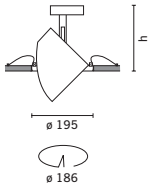
S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

HIT-TC-CE	20 - 35 - 70W
HIT-CE	20 - 35 - 70 - 150W



light source	W	lm	h	optic	code	colour
	High-efficiency reflector					
HIT-TC-CE (G8,5)	Complete with safety glass					
	20/35/70	W	177	30°	**M187**	01-15
HIT-CE (G12)	Complete with safety glass					
	20/35/70/150	W	177	40°	**8324**	01-15

Compatible also with Philips Mastercolour
The product is not complete with control gear.

Laser

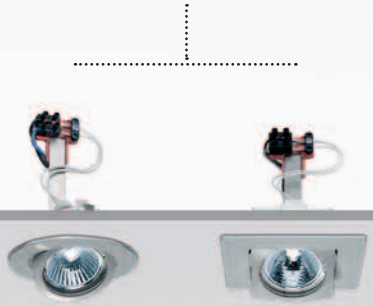
Laser Pixel

Adjustable optic

ø 96

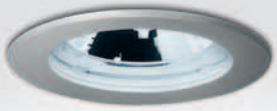
Laser Moon

Adjustable optic

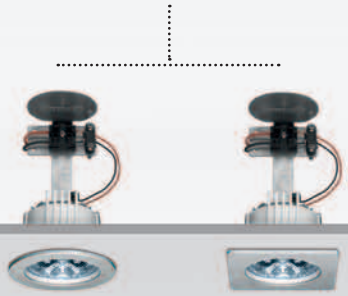


ø 96 ⧈ 100

Laser fixed



Fixed optic

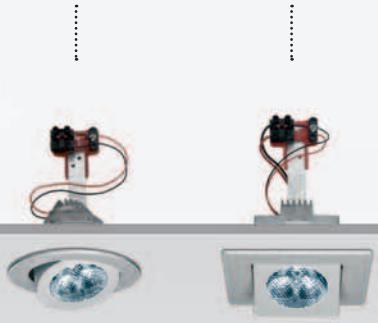


ø 65 ø 65

Laser adjustable

Adjustable optic

Adjustable optic



ø 96 ⧈ 100

Scavolini Showroom - Pesaro, Italy
Architectural project: Giorgio Tonnarelli - Photo: Giuseppe Saluzzi

The dimensions ø ⧈ relate to the hole recessed

Laser Pixel - Laser Moon

Laser Pixel

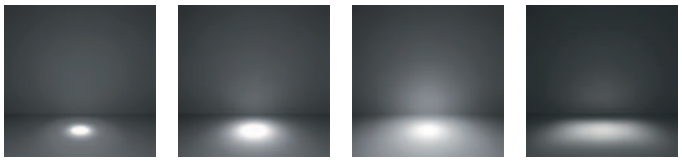
Laser Moon

Features

IP23

- Recessed installation in false ceilings with 1 to 25 mm
- Made of die-cast aluminium.
- Galvanised sheet steel terminal board supporting rod.
- Laser Pixel version with double adjustability: external 45° with respect to the horizontal plane and 355° rotation around the vertical axis.
- Laser Moon version with 30° external tilt with respect to the horizontal plane.

Optics and lamps



S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

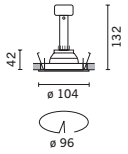
E - Elliptical*

QR-CBC 51	50W

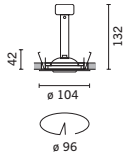
* Elliptical optic is obtained by installing the respective accessories.

Laser Pixel - Laser Moon

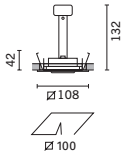
01 WHITE | 04 BLACK | 10 CHROME | 14 BRASS | 15 GREY



light source	W	code	colour
	Laser Pixel		
QR CBC 51 (GU5,3)	50 W 12 V	**8068**	01-04-15 10-14



light source	W	code	colour
	Laser Moon		
QR CBC 51 (GU5,3)	50 W 12 V	**8032**	01-04-15 10-14



light source	W	code	colour
	Laser Moon		
QR CBC 51 (GU5,3)	50 W 12 V	**8059**	01-04-15 10-14

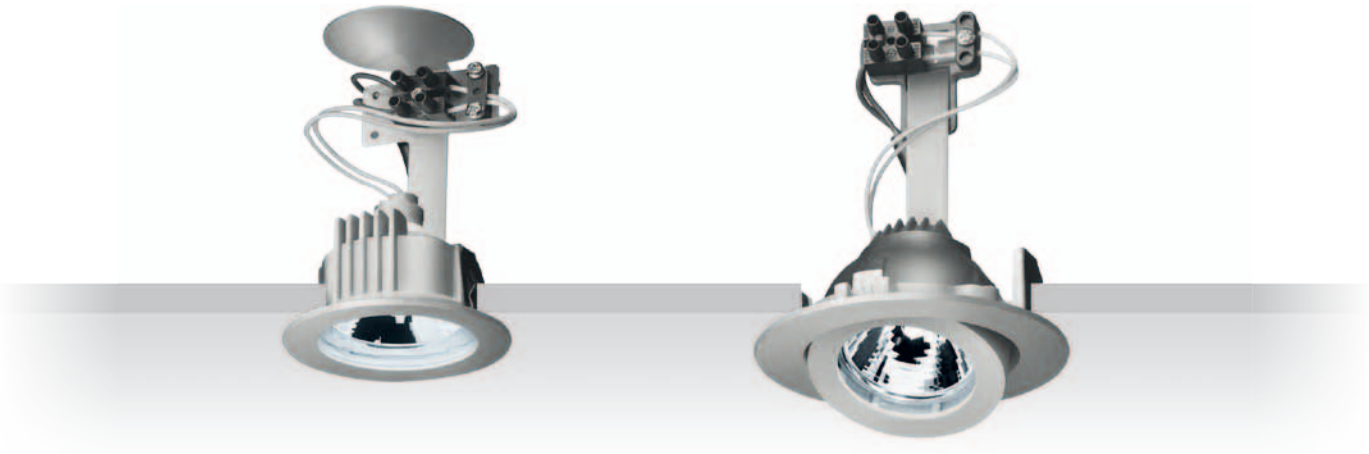
accessories

	code	colour
Refractor for elliptical distribution	**8672**	24
Refractor for elliptical distribution	**8673**	24
Coloured filters IP43	**8658**	05-06-09 24 65
Decorative glass	**8670**	24
Decorative glass	**8671**	24
Casing for concrete ceilings	**8742**	00 for 8032-8068
Adapter for plasterboard false ceilings		
ø 96 mm	**8695**	00
⌀ 100 mm	**8694**	00
Available in sets of 10 pieces		

components

	code	colour
Electronic safety transformer		
10-60 W 230/12 V St	**5581**	00
35-105 W 230/12 V St	**5583**	00
Electronic safety transformer		
50-200 W 230/12 V Top	**5586**	00
50-200 W 230/12 V St	**5587**	00
20-60 W 230/12 V St	**5584**	00
50-105 W 230/12 V St	**5585**	00

Laser fixed - **Laser** adjustable



Laser fixed
Round and Square Version

Laser adjustable
Round and Square Version

Features

IP23

- Recessed installation in false ceilings with 1 to 25 mm.
- Die-cast aluminium body.
- Galvanised sheet steel terminal board supporting rod.

Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

E - Elliptical*

	LED	5,7 - 6,2W
	QR-CBC 51	50W

* Elliptical optic is obtained by installing the respective accessories.

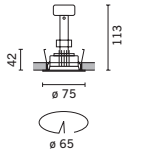
- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QT 9	ENERGY SAVING
320	5,7W	20W	71%

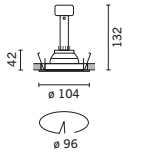
(3000K) LED energy saving compared with conventional lamps

Laser fixed - **Laser** adjustable

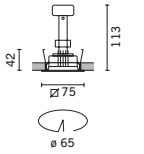
01 WHITE · 04 BLACK · 10 CHROME · 14 BRASS · 15 GREY



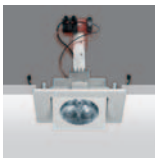
light source	W	lm	optic	code colour
LED	Laser fixed			
	Neutral white			
	6,2 W	380	8°	**M314** 01-15
	6,2 W	380	24°	**M316** 01-15
	Warm white			
	5,7 W	320	6°	**M315** 01-15
	5,7 W	280	26°	**M317** 01-15
QR CBC 51 (GU5,3)	50 W 12 V			**8002** 01-04-15 10-14

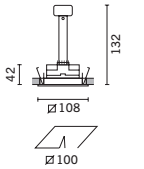


light source	W	lm	optic	code colour
LED	Laser adjustable			
	Neutral white			
	6,2 W	380	8°	**M322** 01-15
	6,2 W	380	24°	**M324** 01-15
	Warm white			
	5,7 W	320	6°	**M323** 01-15
	5,7 W	280	26°	**M325** 01-15
QR CBC 51 (GU5,3)	50 W 12 V			**8001** 01-04-15 10-14



light source	W	lm	optic	code colour
LED	Laser fixed			
	Neutral white			
	6,2 W	380	8°	**M318** 01-15
	6,2 W	380	24°	**M320** 01-15
	Warm white			
	5,7 W	320	6°	**M319** 01-15
	5,7 W	280	26°	**M321** 01-15
QR CBC 51 (GU5,3)	50 W 12 V			**8003** 01-04-15 10-14





light source	W	lm	optic	code colour
LED	Laser adjustable			
	Neutral white			
	6,2 W	380	8°	**M326** 01-15
	6,2 W	380	24°	**M328** 01-15
	Warm white			
	5,7 W	320	6°	**M327** 01-15
	5,7 W	280	26°	**M329** 01-15
QR CBC 51 (GU5,3)	50 W 12 V			**8000** 01-04-15 10-14

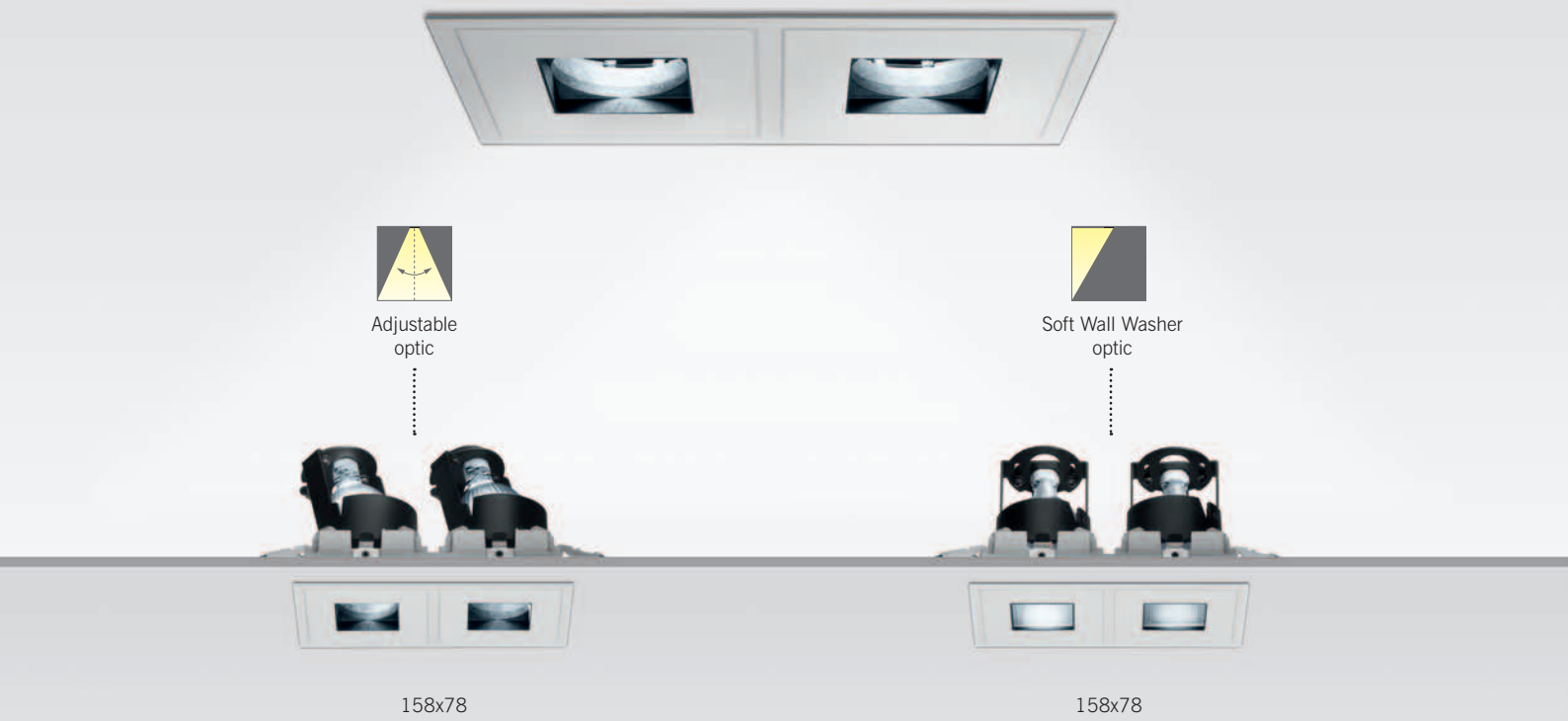
accessories

	code	colour
Refractor for elliptical distribution	**8672**	24
	for 8000-8001-8002-8003	
Refractor for elliptical distribution	**8673**	24
	for 8000-8001-8002-8003	
Coloured filters IP44	**8658**	05-06-09 24 65
	for 8000-8001-8002-8003	
Decorative glass	**8670**	24
	for 8000-8001	
Decorative glass	**8671**	24
	for 8000-8001	
Casing for concrete ceilings	**8741**	00
	for 8002-8003	
	8742	00
	for 8001	
Adapter for plasterboard false ceilings		
ø 65 mm	**8693**	00
ø 96 mm	**8695**	00
⌀ 100 mm	**8694**	00
Available in sets of 10 pieces		

components

	code	colour
Constant-current LED driver 1,5÷21 W V_{IN}=220-240Vac V_{OUT} max=38Vdc I_{OUT}=600mA	**6993**	00
Electronic safety transformer		
10-60 W 230/12 V St	**5581**	00
35-105 W 230/12 V St	**5583**	00
Electronic safety transformer		
50-200 W 230/12 V Top	**5586**	00
50-200 W 230/12 V St	**5587**	00
20-60 W 230/12 V St	**5584**	00
50-105 W 230/12 V St	**5585**	00

Pinhole



Pangu Plaza Hotel - Beijing, China
Architectural project: Ricardo Bello Dias - Photo: Lv Hengzhong

The dimensions ø ⧄ relate to the hole recessed

Pinhole

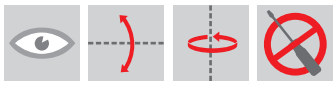
fixed

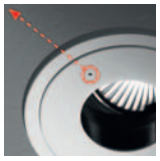
adjustable

Features

IP20

- Recessed installation in false ceilings with 1 to 20 mm.
- Die-cast aluminium body, thermoplastic material.
- Sheet steel lamp holder bracket.
- Available in fixed, adjustable and soft wall washer versions and with one and two optical assemblies.
- In the adjustable versions, the rotation of both optical assemblies is 355° around the vertical axis and 30° internally relative to the horizontal plane.
- High visual comfort.
- Installation without tools.





Light beam direction indicator

Optic orientation device

Lamp adjustment

Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

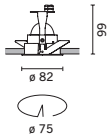
F - Flood
α from 26° to 39°

SWW - Soft Wall Washer

	QR-CBC 51	35 - 50W

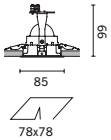
Pinhole

01
WHITE



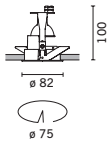
light source	W	code colour
QR CBC 51 (GU5,3)	Fixed	
	35W 12V	**M247** 01
	*50W 12V	

* Installation of accessories is not possible

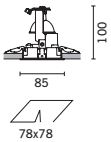


light source	W	code colour
QR CBC 51 (GU5,3)	Fixed	
	35W 12V	**MB07** 01
	*50W 12V	

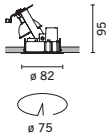
* Installation of accessories is not possible



QR CBC 51 (GU5,3)	Adjustable	
	35W 12V	**M248** 01
	50W 12V	

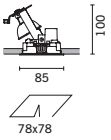


QR CBC 51 (GU5,3)	Adjustable	
	35W 12V	**MB08** 01
	50W 12V	



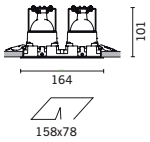
QR CBC 51 (GU5,3)	Soft wall washer	
	50W 12V	**MB64** 01

It cannot be equipped with accessories.

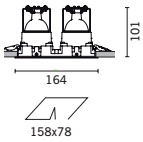


QR CBC 51 (GU5,3)	Soft wall washer	
	50W 12V	**MB65** 01

It cannot be equipped with accessories.



QR CBC 51 (GU5,3)	Adjustable	
	2x50W 12V	**ML96** 01



QR CBC 51 (GU5,3)	Soft wall washer	
	2x50W 12V	**ML97** 01

It cannot be equipped with accessories.

accessories

	code	colour
Refractor for elliptical distribution	**MW77**	24
Filter	**MW78**	24
		65
Louvre	**MW79**	04
"Soft Lens" filter	**MWN6**	24

components

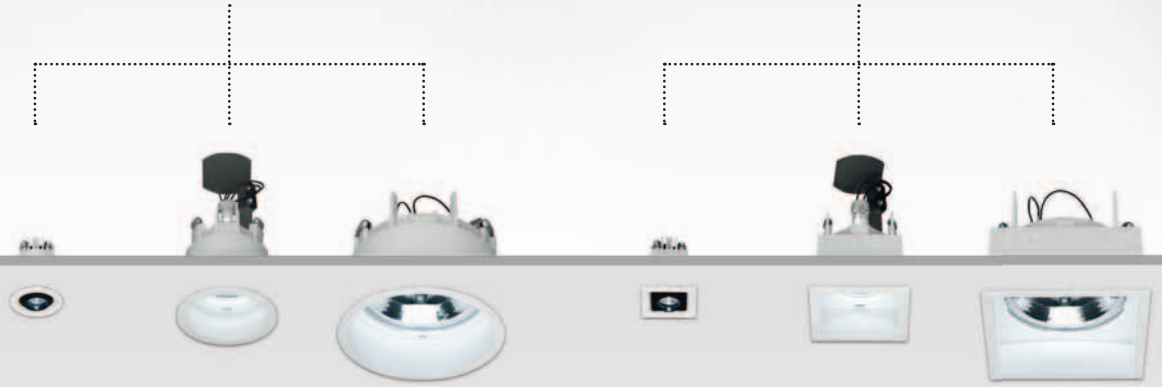
	code	colour
Electronic safety transformer		
10-60W 230/12V St	**5581**	00
35-105W 230/12V St	**5583**	00
Electronic safety transformer		
50-200W 230/12V Top	***5586**	00
50-200W 230/12V St	***5587**	00
20-60W 230/12V St	**5584**	00
50-105W 230/12V St	**5585**	00

* Height of min. space h 160 mm

Deep Laser

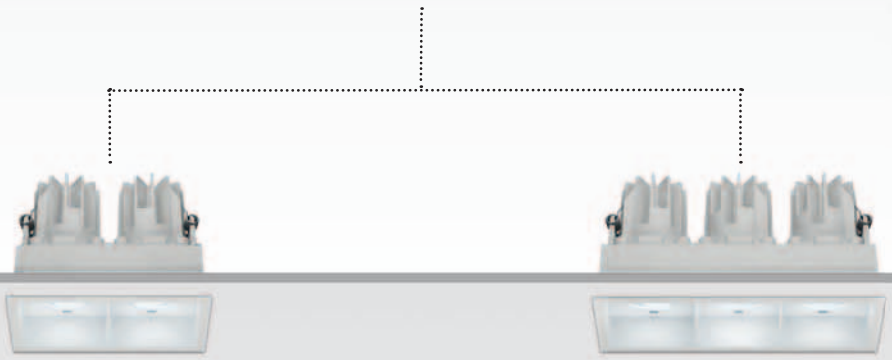
Minimal version

Frame version



ø 45 ø 85 ø 146 ⧄ 45 ⧄ 85 ⧄ 146

The luminaires shown
in the upper part
have soft lens reflectors



145x75 214x75

Baselworld 2013, Stand Bucherer - Basilea, Switzerland
Photo: Günter Laznia

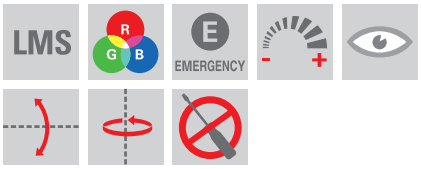
The dimensions ø ⧄ relate to the hole recessed Frame versions.

Deep Laser

Features

IP20

- Recessed installation in false ceilings with 12,5 mm for Minimal versions (without perimeter rim) or from 1 to 25 mm for Frame versions (with rim) using torsion springs.
- Die-cast aluminium body and heat sink.
- Metallised thermoplastic reflectors.
- LED optics in thermoplastic material for spot and medium openings.
- Versions available with electronic control gear, emergency with inverter and with RGB dynamic color change, compatible with lighting management systems.
- High visual comfort.
- Installation without tools.



Total safety with spring fixing system

Version with adjustable optic

Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

	LED	1,6 - 3 - 9,3W		QR 111	75W
		13 - 19W		HI-PAR 51 CE	20 - 35W
	LED RGB	6W		HIR-111 CE	70W
	QR-CBC 51	50W			

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	
560	9,3W	20W	54%
1130	19W	50W	62%

(3000K) LED energy saving compared with conventional lamps

Deep Laser

01
WHITE

15
GREY

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.
The combination of filters allows the lamp color features to be changed, to make the most of the objects lit or the space.

Refractor for
elliptical distribution

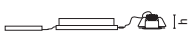
Reflector with
soft lens filter
for fixed optic

Coloured
filters

Reflector
for fixed optic

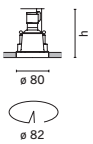
light source	W	lm	h	optic	code colour
LED	**Frame installation**				
	Neutral white				
	1,6 W	110	32	12°	**M934** 01-15
	1,6 W	110	32	34°	**M935** 01-15
	Warm white				
	1,6 W	95	32	12°	**M936** 01-15
	1,6 W	95	32	34°	**M937** 01-15

ENEC 15 approved products
Class of Insulation III



light source	W	lm	h	optic	code colour
LED	**Frame installation**				
	Cool white				
	Complete with power supply with inverter				
	3 W	100	34	140°	**M938** 01-15
	3 W	100	34	44°/125°	***MA73** 01-15

3-hour emergency autonomy
* Elliptical optic



light source	W	lm	h	optic	code colour
LED	**Minimal installation**				
	Complete with power supply				
	Neutral white				
	9,3 W	640	107	14°	***M942** 01-15
	9,3 W	640	107	24°	***M943** 01-15
	Warm white				
	9,3 W	560	107	14°	***M944** 01-15
	9,3 W	560	107	24°	***M945** 01-15
	RGB				
	6 W	310	107	14°	**M946** 01-15
	6 W	310	107	24°	**M947** 01-15

* ENEC 15 approved products

QR CBC 51 (GU5,3)	50 W 12 V				**M939** 01-15
	Adjustable optic				
	50 W 12 V max 36°		127		**M948** 01-15

IP23 - Class of Insulation III

HI-PAR51-CE (GX10)	Complete with electronic control gear				
	20 W		127		**M940** 01-15
	35 W		127		**M941** 01-15
	Adjustable optic				
	Complete with electronic control gear				
	20 W		127		**M949** 01-15
	35 W		127		**M950** 01-15

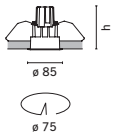
Class of Insulation I

Compatible with light management systems
of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.

Deep Laser

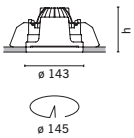
01 WHITE

15 GREY

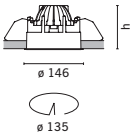


light source	W	lm	h	optic	code colour
LED	**Frame installation**				
	Complete with power supply				
	Neutral white				
	9,3 W	640	105	14°	*M954 01-15
	9,3 W	640	105	24°	*M955 01-15
	9,3 W	640	105	14°	**MA39 01-15
	9,3 W	640	105	24°	**MA40 01-15
	Warm white				
	9,3 W	560	105	14°	*M956 01-15
	9,3 W	560	105	24°	*M957 01-15
	9,3 W	560	105	14°	**MA41 01-15
	9,3 W	560	105	24°	**MA42 01-15
	RGB				
	6 W	310	105	14°	M958 01-15
	6 W	310	105	24°	M959 01-15
	6 W	310	105	14°	**MA43 01-15
	6 W	310	105	24°	**MA44 01-15
	* ENEC 15 approved products ** IP65				
QR CBC 51 (GU5,3)	50 W 12 V		125		M951 01-15
	Adjustable optic				
	50 W 12 V max 36°		125		M960 01-15
	IP23 - Class of Insulation III				
HI-PAR 51-CE (GX10)	Complete with electronic control gear				
	20 W		125		M952 01-15
	35 W		125		M953 01-15
	Adjustable optic Complete with electronic control gear				
	20 W		125		M961 01-15
	35 W		125		M962 01-15
	Class of Insulation I				

Compatible with light management systems of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.



light source	W	lm	h	optic	code colour
LED	**Minimal installation**				
	Complete with power supply				
	Neutral white				
	19 W	1280	90	14°	M965 01-15
	19 W	1280	90	24°	M966 01-15
	Neutral white - adjustable optic				
	13 W	950	105	14°	M971 01-15
	13 W	950	105	24°	M972 01-15
	Warm white				
	19 W	1130	90	14°	M967 01-15
	19 W	1130	90	24°	M968 01-15
	Warm white - adjustable optic				
	13 W	840	105	14°	M973 01-15
	13 W	840	105	24°	M974 01-15
	ENEC 15 approved products				
QR 111 (G53)	75 W 12 V		129		M963 01-15
	Adjustable optic				
	75 W 12 V		163		M969 01-15
	IP23 - Class of Insulation III				
HIR-111-CE (GX8,5)	Complete with electronic control gear				
	70 W		160		M964 01-15
	Adjustable optic Complete with electronic control gear				
	70 W		163		M970 01-15
	Class of Insulation I				



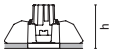
LED	**Frame installation**				
	Complete with power supply				
	Neutral white				
	19 W	1280	88	14°	M977 01-15
	19 W	1280	88	24°	M978 01-15
	Neutral white - adjustable optic				
	13 W	950	103	14°	M983 01-15
	13 W	950	103	24°	M984 01-15
	Warm white				
	19 W	1130	88	14°	M979 01-15
	19 W	1130	88	24°	M980 01-15
	Warm white - adjustable optic				
	13 W	840	103	14°	M985 01-15
	13 W	840	103	24°	M986 01-15
	ENEC 15 approved products				
QR 111 (G53)	75 W 12 V		127		M975 01-15
	Adjustable optic				
	75 W 12 V		161		M981 01-15
	IP23 - Class of Insulation III				
HIR-111-CE (GX8,5)	Complete with electronic control gear				
	70 W		158		M976 01-15
	Adjustable optic Complete with electronic control gear				
	70 W		161		M982 01-15
	Class of Insulation I				

Deep Laser

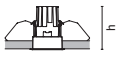
01 WHITE

15 GREY

light source	W	lm	h	optic	code colour
LED	**Frame installation**				
	Neutral white				
	1,6 W	110	32	12°	**M987** 01-15
	1,6 W	110	32	34°	**M988** 01-15
	Warm white				
	1,6 W	95	32	12°	**M989** 01-15
	1,6 W	95	32	34°	**M990** 01-15
	ENEC 15 approved products Class of Insulation III				



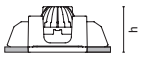
light source	W	lm	h	optic	code colour
LED	**Minimal installation**				
	Complete with power supply				
	Neutral white				
	9,3 W	640	107	14°	***M994** 01-15
	9,3 W	640	107	24°	***M995** 01-15
	Warm white				
	9,3 W	560	107	14°	***M996** 01-15
	9,3 W	560	107	24°	***M997** 01-15
	RGB				
	6 W	310	107	14°	**M998** 01-15
	6 W	310	107	24°	**M999** 01-15
	* ENEC 15 approved products				
QR CBC 51 (GU5,3)	50 W 12 V		127		**M991** 01-15
	Adjustable optic				
	50 W 12 V max 36°		127		**MA00** 01-15
	IP23 - Class of Insulation III				
HI-PAR51-CE (GX10)	Complete with electronic control gear				
	20 W		127		**M992** 01-15
	35 W		127		**M993** 01-15
	Adjustable optic Complete with electronic control gear				
	20 W		127		**MA01** 01-15
	35 W		127		**MA02** 01-15
	Class of Insulation I				



light source	W	lm	h	optic	code colour
LED	**Frame installation**				
	Complete with power supply				
	Neutral white				
	9,3 W	640	105	14°	***MA06** 01-15
	9,3 W	640	105	24°	***MA07** 01-15
	9,3 W	640	105	14°	****MA45** 01-15
	9,3 W	640	105	24°	****MA46** 01-15
	Warm white				
	9,3 W	560	105	14°	***MA08** 01-15
	9,3 W	560	105	24°	***MA09** 01-15
	9,3 W	560	105	14°	****MA47** 01-15
	9,3 W	560	105	24°	****MA48** 01-15
	RGB				
	6 W	310	105	14°	**MA10** 01-15
	6 W	310	105	24°	**MA11** 01-15
	6 W	310	105	14°	****MA49** 01-15
	6 W	310	105	24°	****MA50** 01-15
	* ENEC 15 approved products ** IP65				

Compatible with light management systems of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.

light source	W	lm	h	optic	code colour
	Frame installation				
QR CBC 51 (GU5,3)	50 W 12 V		125		**MA03** 01-15
	Adjustable optic				
	50 W 12 V max 36°		125		**MA12** 01-15
	IP23 - Class of Insulation III				
HI-PAR51-CE (GX10)	Complete with electronic control gear				
	20 W		125		**MA04** 01-15
	35 W		125		**MA05** 01-15
	Adjustable optic Complete with electronic control gear				
	20 W		125		**MA13** 01-15
	35 W		125		**MA14** 01-15
	Class of Insulation I				

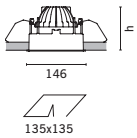


light source	W	lm	h	optic	code colour
LED	**Minimal installation**				
	Complete with power supply				
	Neutral white				
	19 W	1280	90	14°	**MA17** 01-15
	19 W	1280	90	24°	**MA18** 01-15
	Neutral white - adjustable optic				
	13 W	950	105	14°	**MA23** 01-15
	13 W	950	105	24°	**MA24** 01-15
	Warm white				
	19 W	1130	90	14°	**MA19** 01-15
	19 W	1130	90	24°	**MA20** 01-15
	Warm white - adjustable optic				
	13 W	840	105	14°	**MA25** 01-15
	13 W	840	105	24°	**MA26** 01-15
	ENEC 15 approved products				
QR 111 (G53)	75 W 12 V		129		**MA15** 01-15
	Adjustable optic				
	75 W 12 V		163		**MA21** 01-15
	IP23 - Class of Insulation III				
HIR-111-CE (GX8,5)	Complete with electronic control gear				
	70 W		160		**MA16** 01-15
	Adjustable optic Complete with electronic control gear				
	70 W		163		**MA22** 01-15
	Class of Insulation I				

Deep Laser

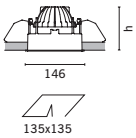
01 WHITE

15 GREY



light source	W	lm	h	optic	code	colour
LED						
Frame installation						
Complete with power supply						
Neutral white						
	19W	1280	88	14°	**MA29**	01-15
	19W	1280	88	24°	**MA30**	01-15
Neutral white - adjustable optic						
	13W	950	103	14°	**MA35**	01-15
	13W	950	103	24°	**MA36**	01-15
Warm white						
	19W	1130	88	14°	**MA31**	01-15
	19W	1130	88	24°	**MA32**	01-15
Warm white - adjustable optic						
	13W	840	103	14°	**MA37**	01-15
	13W	840	103	24°	**MA38**	01-15

ENEC 15 approved products



light source	W	lm	h	optic	code	colour
Frame installation						
QR 111 (G53)	75W 12V		127		**MA27**	01-15
Adjustable optic						
	75W 12V		161		**MA33**	01-15
IP23 - Class of Insulation III						
HIR-111-CE (GX8,5) Complete with electronic control gear						
	70W		158		**MA28**	01-15
Adjustable optic Complete with electronic control gear						
	70W		161		**MA34**	01-15
Class of Insulation I						

accessories

	code	colour	code	colour	code	colour
Refractor for elliptical distribution	---	---	**8673**	24 for QRCBC51-HI-PAR51-CE	**MWL7**	24 for QR 111
Coloured filters	---	---	**8658**	05-06-09 24 65 for QRCBC51-HI-PAR51-CE	**MWL8**	05-06-09 24 65 for QR 111
Spill-ring	**MWQ6**	04	---	---	---	---
Reflector with soft lens filter IP44 for fixed optic	---	---	**MWL3**	12-14	**MWL4**	12-14
Reflector for fixed optic	---	---	**MWL9**	12-14	**MWM0**	12-14

components

	code	colour
Electronic power supply 20W - IP20 V_{IN}=110-240Vac $V_{OUT\ MAX}$=42Vdc I_{OUT}=500mA	**BZA0**	00 for M934-M935-M936 M937-M987-M988 M989-M990
Electronic safety transformer		
10-60W 230/12V St	**5581**	00
35-105W 230/12V St	**5583**	00
Electronic safety transformer		
50-200W 230/12V Top	**5586**	00
50-200W 230/12V St	**5587**	00
20-60W 230/12V St	**5584**	00
50-105W 230/12V St	**5585**	00

accessories

	code	colour	code	colour	code	colour
Refractor for elliptical distribution	---	---	**8673**	24 for QRCBC51-HI-PAR51-CE	**MWL7**	24 for QR 111
Coloured filters	---	---	**8658**	05-06-09 24 65 for QRCBC51-HI-PAR51-CE	**MWL8**	05-06-09 24 65 for QR 111
Spill-ring	**MWQ7**	04	---	---	---	---
Reflector with soft lens filter IP44 for fixed optic	---	---	**MWL5**	12-14	**MWL6**	12-14
Reflector for fixed optic	---	---	**MWM1**	12-14	**MWM5**	12-14

Deep Laser Multiple

01 WHITE

15 GREY

The luminaire shown has a soft lens reflector

Frame version

Features

IP20

- Recessed installation in false ceilings with 1 to 25 mm; steel springs fastening system.
- Manufactured in die-cast aluminium with radiant upper area that facilitates the dissipation of heat produced by the lamp.
- LED optics in thermoplastic material for spot and medium openings and complete with dimmable electronic control gear.
- All fittings feature an electronic control gear.
- High visual comfort.
- Installation without tools.

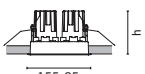
LMS

Optics

S - Spot
α from 9° to 15°

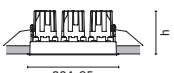
M - Medium
α from 16° to 25°

LED 19 - 28W



145x75

light source	W	lm	h	optic	code colour
LED	Complete with dimmable electronic power supply				
	Neutral white				
	19 W	1280	105	24°	**ML54** 01-15
	Warm white				
	19 W	1120	105	14°	**ML55** 01-15
	19 W	1120	105	24°	**ML56** 01-15



214x75

light source	W	lm	h	optic	code colour
LED	Complete with dimmable electronic power supply				
	Neutral white				
	28 W	1920	105	24°	**ML57** 01-15
	Warm white				
	28 W	1680	105	14°	**ML58** 01-15
	28 W	1680	105	24°	**ML59** 01-15

accessories

	code	colour
Reflector with soft lens filter IP44	**MWL5**	12-14

	code	colour
Reflector	**MWM1**	12-14

Each accessory code applies to a single optical compartment.

New Express Evo

design Jean Michel Wilmotte

ø 64

ø 114

ø 180

ø 240

Rubensluciano headquarters - Stra, Italy
Architectural and lighting project: Simone Micheli - Photo: Jurgen Eheim

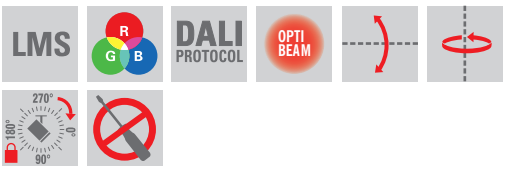
The dimensions ø relate to the hole recessed

Express Evo

Features

IP20

- Recessed installation in false ceilings with 12,5 mm for Minimal versions (without perimeter rim) or from 1 to 30 mm for Frame versions (with rim) using torsion springs.
- Die-cast aluminium body and thermoplastic material.
- Opti Beam reflectors with high luminous efficiency and uniform distribution.
- 65° internal adjustability, 355° rotation around the vertical axis, with mechanical aiming lock.
- Versions with medium and large body are provided with mechanical locking mechanisms for rotation around vertical and horizontal planes.
- LED optics with plastic lenses for Spot, Medium and Flood light beams.
- LED versions available with RGB dynamic colour change and biodynamic light, compatible with light management systems.
- Installation without tools.



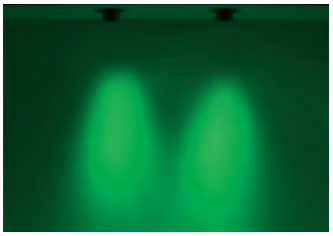
Compact size

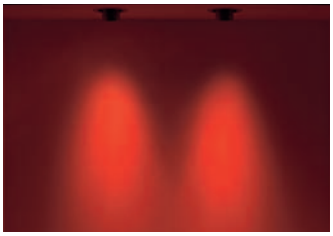
Set back lamp

Modular versions

LED RGB versions

The RGB version creates impressive lighting set-ups with dynamic light and colour designs.





Express Evo

Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

E - Elliptical*

LED	2 - 6 - 17W	HIT-CE	35 - 50 - 70W
	30 - 32W		100 - 150W
LED RGB	6W	HIT-CE	20 - 35W
QR-CBC 51	50W	HIT-TC-CE	35 - 50 - 70W
QR 111	100W	HIR-111-CE	35 - 70W
QT 12 ES	75 - 100W	HST	50 - 100W

* Elliptical optic is obtained by installing the respective accessories.

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QT 9	ENERGY SAVING	QR CBC 51	ENERGY SAVING
330	6W	20W	80%	-	-
1800	17W	-	-	2x50W	83%
3100	32W	-	-	3x50W	79%

(3000K) LED energy saving compared with conventional lamps

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.
The combination of filters allows the lamp color features to be changed, to make the most of the objects lit or the space. The use of screens eliminates possible glare or stray light, guaranteeing a high level of visual comfort.

Refractor for elliptical distribution

Refractor + UVA filter

Refractor + IR filter

Coloured filters

UV filter

IR filter + UVA

IR filter

Warmtone filter

Coldtone filter

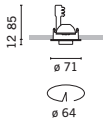
Antiglare screen

Interchanging reflectors

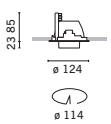
Express Evo

01 WHITE

15 GREY

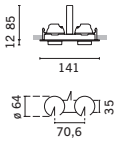


light source	W	lm	optic	code colour
LED	Neutral white			
	2 W	130	8°	**MS41** 01-15
	2 W	130	32°	**MS43** 01-15
	Warm white			
	2 W	110	8°	**MS42** 01-15
	2 W	110	32°	**MS44** 01-15

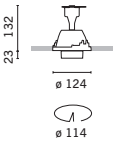


light source	W	lm	optic	code colour
LED	Neutral white			
	6 W	380	8°	**MS45** 01-15
	6 W	380	24°	**MS47** 01-15
	Warm white			
	6 W	330	8°	**MS46** 01-15
	6 W	330	24°	**MS48** 01-15
	RGB DALI			
	6 W	450	28°	**MS49** 01-15

ENEC 15 approved products
DALI versions occupy 3 addresses



light source	W	lm	optic	code colour
LED	Neutral white			
	2x2 W	125	8°	**MS50** 01-15
	2x2 W	125	32°	**MS52** 01-15
	Warm white			
	2x2 W	110	8°	**MS51** 01-15
	2x2 W	110	32°	**MS53** 01-15



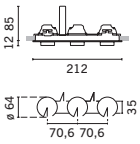
QR CBC 51 (GU5,3)	50 W 12 V			**MS68** 01-15
QT 12 ES (GY6,35)	75 W max 12 V		12°	**MS69** 01-15
	75 W max 12 V		22°	**MS70** 01-15

Max 50W light sources must be used with accessories

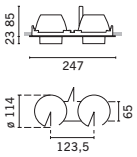
HIT-CE (PGJ5)	Complete with electronic control gear			
	20 W		10°	***MS71** 01-15
	20 W		36°	***MS72** 01-15
	35 W		8°	***MS73** 01-15
	35 W		38°	***MS74** 01-15

* Class of Insulation I

IP23

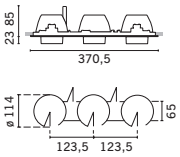


light source	W	lm	optic	code colour
LED	Neutral white			
	3x2 W	125	8°	**MS54** 01-15
	3x2 W	125	32°	**MS56** 01-15
	Warm white			
	3x2 W	110	8°	**MS55** 01-15
	3x2 W	110	32°	**MS57** 01-15



light source				
LED	Complete with power supply			
	Neutral white			
	2x6 W	380	8°	**MS58** 01-15
	2x6 W	380	24°	**MS60** 01-15
	Warm white			
	2x6 W	330	8°	**MS59** 01-15
	2x6 W	330	24°	**MS61** 01-15
	RGB DALI			
	2x6 W	225	28°	**MS62** 01-15

DALI versions occupy 3 addresses



light source				
LED	Complete with power supply			
	Neutral white			
	3x6 W	375	8°	**MS63** 01-15
	3x6 W	375	24°	**MS65** 01-15
	Warm white			
	3x6 W	325	8°	**MS64** 01-15
	3x6 W	325	24°	**MS66** 01-15
	RGB DALI			
	3x6 W	225	28°	**MS67** 01-15

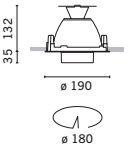
DALI versions occupy 3 addresses

Compatible with light management systems of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions

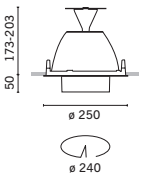
Express Evo

01 WHITE

15 GREY



light source	W	lm	optic	code colour
LED	Complete with power supply			
	Neutral white			
	17W	1800	16°	**MK88** 01-15
	17W	1800	22°	**MK89** 01-15
	17W	1800	42°	**MK90** 01-15
	17W	1800	60°	**MK91** 01-15
	Warm white			
	17W	1800	16°	**MS01** 01-15
	17W	1800	22°	**MS02** 01-15
	17W	1800	42°	**MS03** 01-15
	17W	1800	60°	**MS04** 01-15
	Warm white - CRI 90			
	17W	1300	16°	**MS09** 01-15
	17W	1300	22°	**MS10** 01-15
	17W	1300	42°	**MS11** 01-15
	17W	1300	60°	**MS12** 01-15
	Neutral white DALI			
	17W	1800	16°	**MK92** 01-15
	17W	1800	22°	**MK93** 01-15
	17W	1800	42°	**MR99** 01-15
	17W	1800	60°	**MS00** 01-15
	Warm white DALI			
	17W	1800	16°	**MS05** 01-15
	17W	1800	22°	**MS06** 01-15
	17W	1800	42°	**MS07** 01-15
	17W	1800	60°	**MS08** 01-15
	Warm white DALI - CRI 90			
	17W	1300	16°	**MS13** 01-15
	17W	1300	22°	**MS14** 01-15
	17W	1300	42°	**MS15** 01-15
	17W	1300	60°	**MS16** 01-15
QT 12 ES (GY6,35)	100W max 12V		10°	**MS75** 01-15
	100W max 12V		40°	**MS76** 01-15
	IP23			
HIT-TC-CE (G8,5)	Complete with electronic control gear			
	35W		10°	**MS77** 01-15
	35W		30°	**MS78** 01-15
	35W		46°	**MT04** 01-15
	50W		10°	**MT02** 01-15
	50W		30°	**MT03** 01-15
	50W		46°	**MT05** 01-15
	70W		16°	**MS79** 01-15
	70W		30°	**MS80** 01-15
	70W		46°	**MT06** 01-15
	IP23 - Class of Insulation I			



light source	W	lm	h	optic	code colour
LED	Complete with power supply				
	Neutral white				
	32W	3100	173	12°	**MS17** 01-15
	30W	3400	173	22°	**MS18** 01-15
	30W	3400	173	38°	**MS19** 01-15
	30W	3400	173	48°	**MS20** 01-15
	Warm white				
	32W	3100	173	12°	**MS25** 01-15
	30W	3400	173	22°	**MS26** 01-15
	30W	3400	173	38°	**MS27** 01-15
	30W	3400	173	48°	**MS28** 01-15
	Warm white - CRI 90				
	32W	2200	173	12°	**MS33** 01-15
	30W	2400	173	22°	**MS34** 01-15
	30W	2400	173	38°	**MS35** 01-15
	30W	2400	173	48°	**MS36** 01-15
	Neutral white DALI				
	32W	3100	173	12°	**MS21** 01-15
	30W	3400	173	22°	**MS22** 01-15
	30W	3400	173	38°	**MS23** 01-15
	30W	3400	173	48°	**MS24** 01-15
	Warm white DALI				
	32W	3100	173	12°	**MS29** 01-15
	30W	3400	173	22°	**MS30** 01-15
	30W	3400	173	38°	**MS31** 01-15
	30W	3400	173	48°	**MS32** 01-15
	Warm white DALI - CRI 90				
	32W	2200	173	12°	**MS37** 01-15
	30W	2400	173	22°	**MS38** 01-15
	30W	2400	173	38°	**MS39** 01-15
	30W	2400	173	48°	**MS40** 01-15
HIT-CE (G12)	35/50/70/100W		203	8°	**MS83** 01-15
	35/50/70/100W		203	28°	**MS84** 01-15
	35/50/70/100W		203	40°	**MT07** 01-15
	150W		203	10°	**MS85** 01-15
	150W		203	26°	**MS86** 01-15
	150W		203	40°	**MT08** 01-15
HST (GX12-1)	50/100W		203	8°	**MS87** 01-15
	50/100W		203	26°	**MS88** 01-15
	50/100W		203	40°	**MT09** 01-15
HIR-111-CE (GX8,5)	35/70W		173		**MS82** 01-15
	Max 35W light sources must be used with accessories				
QR 111 (G53)	100W 12V		173		**MS81** 01-15
	Max 75W light sources must be used with accessories				
	IP23 - Class of Insulation I (no for QR 111)				

Express Evo

accessories	64		114		180		240	
	code	colour	code	colour	code	colour	code	colour
Refractor for elliptical distribution	---	---	**MW32**	24	**1191**	24	**1192**	24 for MS81-MS82-MS83 MS84-MS85-MS86 MT07-MT08
Refractor for elliptical distribution +IR filter	---	---	**MW45**	24 no for LED	**MW46**	24	**MW47**	24 for MS81-MS82-MS83 MS84-MS85-MS86 MT07-MT08
Refractor for elliptical distribution +UVA filter	---	---	**MW48**	24	**MW49**	24	**MW50**	24 for MS81-MS82-MS83 MS84-MS85-MS86 MT07-MT08
Coloured filters	---	---	**8658**	05-06-09 24 no for LED	**4491**	05-06-09 24	**9537**	05-06-09 24 for MS81-MS82-MS83 MS84-MS85-MS86 MT07-MT08
Warmtone filter	---	---	**MW36**	24 no for LED	**MW37**	24	**MW38**	24 for MS81-MS82-MS83 MS84-MS85-MS86 MT07-MT08
Coldtone filter	---	---	**MW39**	24 no for LED	**MW40**	24	**MW41**	24 for MS81-MS82-MS83 MS84-MS85-MS86 MT07-MT08
UV filter	---	---	**MW33**	24 no for LED	**4497**	24	**4498**	24 for MS81-MS82-MS83 MS84-MS85-MS86 MT07-MT08
IR filter	---	---	**8785**	24 no for LED	**MW34**	24	**MW35**	24 for MS81-MS82-MS83 MS84-MS85-MS86
IR filter+UVA	---	---	**MW42**	24 no for LED	**MW43**	24	**MW44**	24 for MS81-MS82-MS83 MS84-MS85-MS86 MT07-MT08
Antiglare screen	**6910**	04	**6936**	04	**MW51**	04	**MW52**	04
Interchanging reflectors for discharge lamps								
medium	---	---	**MX33**	12	**MX34**	12	**MX35**	12 for HIT-CE 150 W
medium	---	---	---	---	---	---	**MXG1**	12 for HST - HIT-CE 35/70/100 W

Express Evo

components

	code	colour
Constant-current LED driver 1,5÷21W V_{IN}=220-240Vac V_{OUT} max=38Vdc I_{OUT}=600mA Min 1x(3x2) LED Max 3x(3x2) LED	**6993**	00
Driver group for recessed RGB DALI 220-240 Vac - Includes DALI 500/600mA interface and 30 W 28Vdc electronic ballast. - Can connect up to 9 LED RGB - Occupies 3 DALI addresses	**SP07**	00
Electronic control gear		
for 2x35W HIT Kg. 0,365 - Dim. 175x79,5x32h	**4437**	00
Electronic control gear		
for 50W HST Kg. 0,750 - Dim. 185x90x40h	**4438**	00
for 100W HST Kg. 0,800 - Dim. 185x90x40h	**4439**	00
Electronic control gear		
for 20W HIT Kg. 0,320 - Dim. 225x60x37h	**9698**	00
for 35W HIT Kg. 0,320 - Dim. 225x60x37h	**4466**	00
for 50W HIT Kg. 0,320 - Dim. 188x83x35h	**MWR3**	00
for 70W HIT Kg. 0,350 - Dim. 185x90x37h	**4467**	00
for 100W HIT Kg. 0,350 - Dim. 224x83x38h	**MWR4**	00
for 150W HIT Kg. 0,350 - Dim. 185x90x37h	**4465**	00

	code	colour
Control gear complete with capacitor		
for 35W HIT Kg. 1,450 - Dim. 257x92x70h	**4468**	00
for 70W HIT Kg. 1,700 - Dim. 257x92x70h	**4469**	00
for 150W HIT Kg. 2,550 - Dim. 332x110x77h	**4470**	00
Control gear complete with capacitor and ignitor with controlled pulses		
for 35W HIT Kg. 1,450 - Dim. 257x92x70h	**4471**	00
for 70W HIT Kg. 1,700 - Dim. 257x92x70h	**4472**	00
for 150W HIT Kg. 2,550 - Dim. 332x110x77h	**4473**	00
Electronic safety transformer		
10-60W 230/12V St	**5581**	00
35-105W 230/12V St	**5583**	00
Electronic safety transformer		
50-200W 230/12V Top	**5586**	00
50-200W 230/12V St	**5587**	00
20-60W 230/12V St	**5584**	00
50-105W 230/12V St	**5585**	00

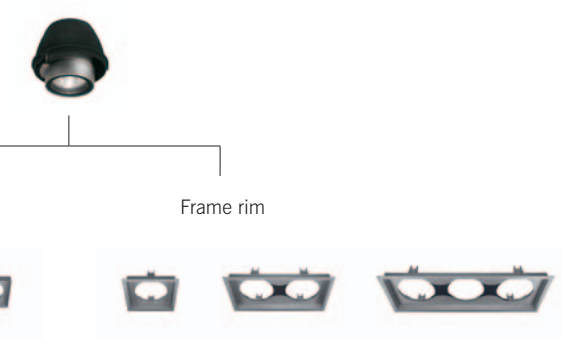
Express Evo

01
WHITE

15
GREY

Modular versions

An endless variety of combinations for total product flexibility.
The small and medium-body versions of Express can be installed with Frame, Minimal and Round frames, to create numberless configurations, either individual or multiple.
A versatile variety of shapes also designed for use with mixed light sources to give an efficient answer to all lighting requirements.



ø 99,5

light source	W	optic	code colour
QR CBC 51 (GU5,3)	50 W 12 V		**MS89** 01-15
QT 12 ES (GY6,35)	75 W max 12 V	12°	**MS90** 01-15
	75 W max 12 V	22°	**MS91** 01-15
HIT-CE (PGJ5)	Complete with electronic control gear		
	20 W	10°	**MS92** 01-15
	20 W	36°	**MS93** 01-15
	35 W	8°	**MS94** 01-15
	35 W	38°	**MS95** 01-15

Class of Insulation I

ø 152,5

light source	W	optic	code colour
QT 12 ES (GY6,35)	100 W max 12 V	10°	**MS96** 01-15
	100 W max 12 V	40°	**MS97** 01-15
HIT-TC-CE (G8,5)	Complete with electronic control gear		
	35 W	10°	**MS98** 01-15
	35 W	30°	**MS99** 01-15
	70 W	16°	**MT00** 01-15
	70 W	30°	**MT01** 01-15

Class of Insulation I

accessories

	ø 99,5 code	colour	ø 152,5 code	colour
Refractor for elliptical distribution	**MW32**	24	**1191**	24
Refractor for elliptical distribution +IR filter	**MW45**	24	**MW46**	24
Refractor for elliptical distribution +UVA filter	**MW48**	24	**MW49**	24
Coloured filters	**8658**	05-06-09 24	**4491**	05-06-09 24
Warmtone filter	**MW36**	24	**MW37**	24
Coldtone filter	**MW39**	24	**MW40**	24
UV filter	**MW33**	24	**4497**	24
IR filter	**8785**	24	**MW34**	24
IR filter +UVA	**MW42**	24	**MW43**	24
Antiglare screen	**6936**	04	**MW51**	04
Interchanging reflectors for discharge lamps				
medium	**MX33**	12	**MX34**	12

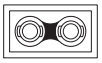
components

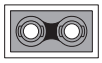
	code	colour
Electronic safety transformer		
10-60 W 230/12 V St	**5581**	00
35-105 W 230/12 V St	**5583**	00
Electronic safety transformer		
50-200 W 230/12 V Top	**5586**	00
50-200 W 230/12 V St	**5587**	00
20-60 W 230/12 V St	**5584**	00
50-105 W 230/12 V St	**5585**	00

Express Evo

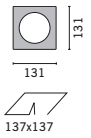
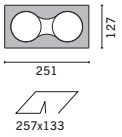
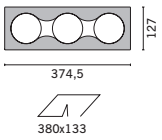
01
WHITE

15
GREY

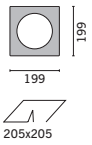
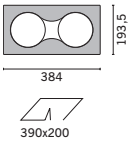
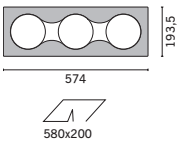

47
WHITE/BLACK


74
GREY/BLACK

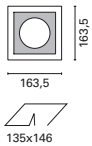
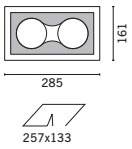
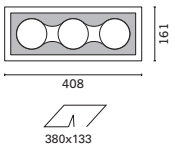
Minimal rims for recessed installation ø 99,5

		code colour
	1 optical assembly Minimum height of installation opening 155 mm	**M034** 01-15
	2 optical assemblies Minimum height of installation opening 155 mm	**M035** 47-74
	3 optical assemblies Minimum height of installation opening 155 mm	**M036** 47-74

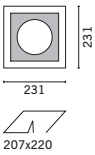
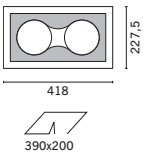
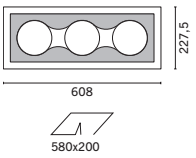
Minimal rims for recessed installation ø 152,5

		code colour
	1 optical assembly Minimum height of installation opening 166 mm	**M037** 01-15
	2 optical assemblies Minimum height of installation opening 166 mm	**M038** 47-74
	3 optical assemblies Minimum height of installation opening 166 mm	**M039** 47-74

Frame rims for recessed installation ø 99,5

		code colour
	1 optical assembly Minimum height of installation opening 152 mm	**M040** 01-15
	2 optical assemblies Minimum height of installation opening 152 mm	**M041** 47-74
	3 optical assemblies Minimum height of installation opening 152 mm	**M042** 47-74

Frame rims for recessed installation ø 152,5

		code colour
	1 optical assembly Minimum height of installation opening 164 mm	**M043** 01-15
	2 optical assemblies Minimum height of installation opening 164 mm	**M044** 47-74
	3 optical assemblies Minimum height of installation opening 164 mm	**M045** 47-74

Frame - Minimal

design G. Aulenti - P. Castiglioni

Frame

Minimal

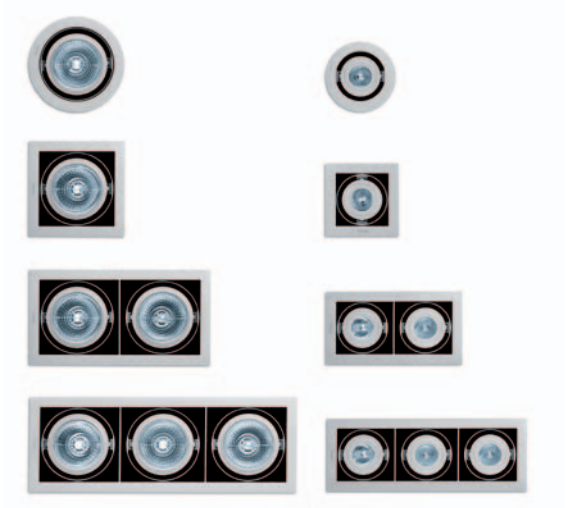
Features

IP23

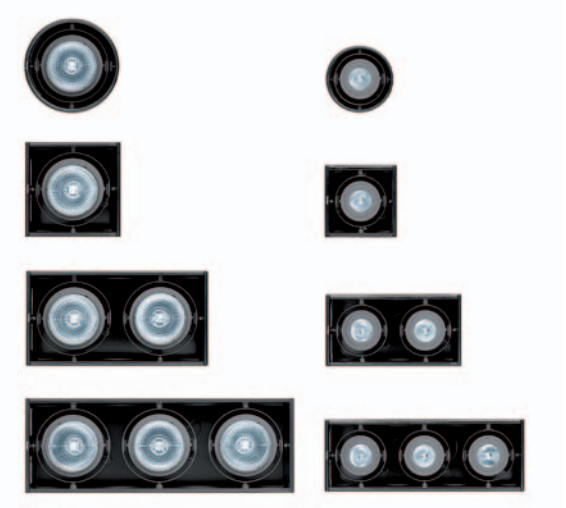
- Recessed installation in false ceilings with 12,5 mm for Minimal versions (without perimeter rim) or from 1 to 30 mm for Frame versions (with rim) using torsion springs.
- Die-cast aluminium optical assemblies, metal outer rim, painted sheet steel lamp holder unit.
- Optical assemblies of die-cast aluminium equipped with articulated joints and mechanical locking devices for +/- 45° inclination with respect to the horizontal and vertical axes.
- Versions with high-performance LEDs with warm white and neutral white monochromatic emission; available with passive dissipation (with lamellar radiator) or active dissipation (with cooling fan). Complete with DALI power supply.
- Versions with reflector with high luminous efficiency.
- LED versions with high color rendering index >90.

Range

Frame



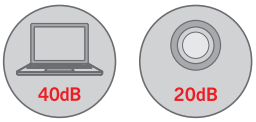
Minimal



Frame - Minimal

Heat dissipation

Two innovative heat dissipation solutions: active and passive. The active version includes a small cooling fan which allows the use of higher powered LEDs and therefore optimum performance.

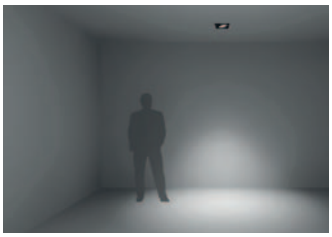


Active dissipation
20 dB

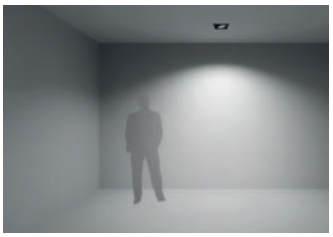
Passive dissipation

Optical diffusers

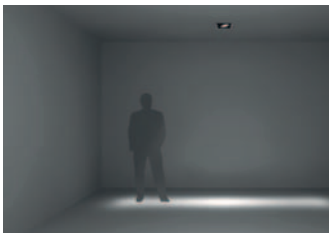
By simply installing these refractors you can vary the light cone angle without having to change the luminaire.
The product without diffuser has a spot optic.
For more flexible lighting, install different optical diffusers on the same luminaire.



M - Medium



F - Flood



E - Elliptical

Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

E - Elliptical*

LED PASSIVE DISSIPATION	5,8 - 6,2 - 18W		HIT-CE	35 - 70W
LED ACTIVE DISSIPATION	35W		HIT-TC-CE	20 - 35 - 70W
QR-CBC 51	50W		HIR-111 CE	35 - 70W
QR 111	75W		HI-PAR 51 CE	35W

* Elliptical optic is obtained by installing the respective accessories.

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

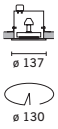
lumen lm	**LED**	**QR CBC 51**	ENERGY SAVING
1800	18W	2x50W	82%
3000	35W	3x50W	76%

(3000K) LED energy saving compared with conventional lamps

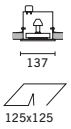
Frame

01
WHITE

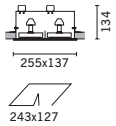
15
GREY



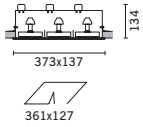
light source	W	lm	optic	code colour
LED	Neutral white			
	6,2 W	370	24°	**M342** 01-15
	Warm white			
	5,8 W	270	26°	**M343** 01-15
	Power supply to be ordered separately			
QR CBC 51 (GU5,3)	50 W 12 V			**8855** 01-15
HI-PAR51-CE (GX10)	Complete with electronic control gear			
	35 W			**M339** 01-15
	Class of Insulation I			

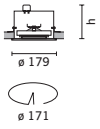


light source	W	lm	optic	code colour	
LED	Neutral white				
	6,2 W	370	24°	**M344** 01-15	110,70
	Warm white				
	5,8 W	270	26°	**M345** 01-15	110,70
	Power supply to be ordered separately				
QR CBC 51 (GU5,3)	50 W 12 V			**8857** 01-15	72,60
HI-PAR51-CE (GX10)	Complete with electronic control gear				
	35 W			**M340** 01-15	202,40
	Class of Insulation I				

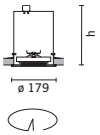


light source	W	lm	optic	code colour	
LED	Neutral white Complete with power supply				
	2x6,2 W	370	24°	**M346** 01-15	242,10
	Warm white Complete with power supply				
	2x5,8 W	270	26°	**M347** 01-15	242,10
	Class of Insulation II				
QR CBC 51 (GU5,3)	2x50 W 12 V			**8859** 01-15	137,50
HI-PAR51-CE (GX10)	Complete with electronic control gear				
	2x35 W			**M341** 01-15	309,40
	Class of Insulation I				
QR CBC 51 (GU5,3)	3x50 W 12 V			**8861** 01-15	189,30





light source	W	lm	h	optic	code colour	
LED	Passive dissipation					
	Complete with DALI power supply					
	Neutral white					
	18 W	1900	110	46°	**MF49** 01-15	
	Warm white					
	18 W	1800	110	14°	**MF50** 01-15	
	18 W	1800	110	30°	**MF51** 01-15	
	18 W	1800	110	46°	**MF52** 01-15	
	Warm white - CRI>90					
	18 W	1500	110	14°	**MF53** 01-15	
	18 W	1500	110	30°	**MF54** 01-15	
	Active dissipation					
	Complete with DALI power supply					
	Neutral white					
	35 W	3100	200	46°	**MF97** 01-15	
	Warm white					
	35 W	3000	200	14°	**MF98** 01-15	
	35 W	3000	200	30°	**MF99** 01-15	
	35 W	3000	200	46°	**MG00** 01-15	
	Warm white - CRI>90					
	35 W	2500	200	14°	**MG01** 01-15	
	35 W	2500	200	30°	**MG02** 01-15	
	IP20 - Class of Insulation II					
QR 111 (G53)	75 W 12 V		134		**8875** 01-15	
	Class of Insulation II					



HIT-TC-CE (G8,5)	35/70 W		224	42°	**4241** 01-15	109,20
HIT-CE (G12)	35/70 W		224	56°	**4242** 01-15	109,20
HIR-111-CE (GX8,5)	35/70 W		184		**5871** 01-15	87,40
	High-efficiency reflector					
HIT-TC-CE (G8,5)	20/35/70 W		224	12°	**M188** 01-15	109,20
	20/35/70 W		224	30°	**M189** 01-15	109,20

We advise against the use of accessories so as to leave the LOR unchanged

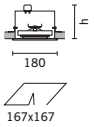
Class of Insulation I

Electric cables that are necessary for operation of the fittings with discharge lamps are contained in the special power supply groups (to be ordered separately).

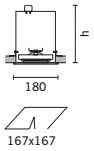
Frame

01 WHITE

15 GREY



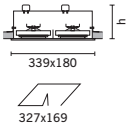
light source	W	lm	h	optic	code colour
LED	**Passive dissipation**				
	Complete with DALI power supply				
	Neutral white				
	18W	1900	110	46°	**MF55** 01-15
	Warm white				
	18W	1800	110	14°	**MF56** 01-15
	18W	1800	110	30°	**MF57** 01-15
	18W	1800	110	46°	**MF58** 01-15
	Warm white - CRI>90				
	18W	1500	110	14°	**MF59** 01-15
	18W	1500	110	30°	**MF60** 01-15
	Active dissipation				
	Complete with DALI power supply				
	Neutral white				
	35W	3100	200	46°	**MG03** 01-15
	Warm white				
	35W	3000	200	14°	**MG04** 01-15
	35W	3000	200	30°	**MG05** 01-15
	35W	3000	200	46°	**MG06** 01-15
	Warm white - CRI>90				
	35W	2500	200	14°	**MG07** 01-15
	35W	2500	200	30°	**MG08** 01-15
	IP20 - Class of Insulation II				
QR 111 (G53)	75W	12V	134		**8877** 01-15



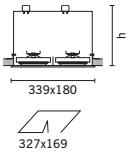
HIT-TC-CE (G8,5)	35/70W		224	42°	**4244** 01-15
HIT-CE (G12)	35/70W		224	56°	**4245** 01-15
HIR-111-CE (GX8,5)	35/70W		184		**5872** 01-15
	High-efficiency reflector				
HIT-TC-CE (G8,5)	20/35/70W		224	12°	**M190** 01-15
	20/35/70W		224	30°	**M191** 01-15

We advise against the use of accessories so as to leave the LOR unchanged

Class of Insulation I



light source	W	lm	h	optic	code colour
LED	**Passive dissipation**				
	Complete with DALI power supply				
	Neutral white				
	2x18W	1900	110	46°	**MF61** 01-15
	Warm white				
	2x18W	1800	110	14°	**MF62** 01-15
	2x18W	1800	110	30°	**MF63** 01-15
	2x18W	1800	110	46°	**MF64** 01-15
	Warm white - CRI>90				
	2x18W	1500	110	14°	**MF65** 01-15
	2x18W	1500	110	30°	**MF66** 01-15
	Active dissipation				
	Complete with DALI power supply				
	Neutral white				
	2x35W	3100	200	46°	**MG09** 01-15
	Warm white				
	2x35W	3000	200	14°	**MG10** 01-15
	2x35W	3000	200	30°	**MG11** 01-15
	2x35W	3000	200	46°	**MG12** 01-15
	Warm white - CRI>90				
	2x35W	2500	200	14°	**MG13** 01-15
	2x35W	2500	200	30°	**MG14** 01-15
	IP20 - Class of Insulation II				
QR 111 (G53)	2x75W	12V	134		**8879** 01-15



HIT-TC-CE (G8,5)	2x35/70W		224	42°	**4247** 01-15
HIT-CE (G12)	2x35/70W		224	56°	**4248** 01-15
HIR-111-CE (GX8,5)	2x35/70W		184		**5873** 01-15
	High-efficiency reflector				
HIT-TC-CE (G8,5)	2x20/35/70W		224	12°	**M192** 01-15
	2x20/35/70W		224	30°	**M193** 01-15

We advise against the use of accessories so as to leave the LOR unchanged

Class of Insulation I

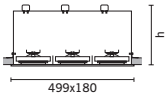
Electric cables that are necessary for operation of the fittings with discharge lamps are contained in the special power supply groups (to be ordered separately).

Frame

01
WHITE

15
GREY

light source	W	lm	h	optic	code colour
LED	**Passive dissipation**				
	Complete with DALI power supply				
	Neutral white				
	3x18 W	1900	110	46°	**MF67** 01-15
	Warm white				
	3x18 W	1800	110	14°	**MF68** 01-15
	3x18 W	1800	110	30°	**MF69** 01-15
	3x18 W	1800	110	46°	**MF70** 01-15
	Warm white - CRI>90				
	3x18 W	1500	110	14°	**MF71** 01-15
	3x18 W	1500	110	30°	**MF72** 01-15
	Active dissipation				
	Complete with DALI power supply				
	Neutral white				
	3x35 W	3100	200	46°	**MG15** 01-15
	Warm white				
	3x35 W	3000	200	14°	**MG16** 01-15
	3x35 W	3000	200	30°	**MG17** 01-15
	3x35 W	3000	200	46°	**MG18** 01-15
	Warm white - CRI>90				
	3x35 W	2500	200	14°	**MG19** 01-15
	3x35 W	2500	200	30°	**MG20** 01-15
	IP20 - Class of Insulation II				
QR 111 (G53)	3x75 W 12 V		134		**8881** 01-15



light source	W	lm	h	optic	code colour
HIR-111-CE (GX8,5)	3x35/70 W		224		**M196** 01-15
HIT-TC-CE (G8,5)	2x70 W (HIT-TC-CE) +75 W (QR 111)		224	42°	**4250** 01-15
QR 111 (G53)	70 W (HIT-TC-CE) +2x75 W (QR 111)		224	42°	**4253** 01-15
HIT-CE (G12)	2x70 W (HIT-CE) +75 W (QR 111)		224	56°	**4251** 01-15
QR 111 (G53)	70 W (HIT-CE) +2x75 W (QR 111)		224	56°	**4254** 01-15
HI-PAR 30-CE (E27) QR 111 (G53)	2x70 W (HI-PAR30-CE) +75 W (QR 111)		224		**4252** 01-15
	High-efficiency reflector				
HIT-TC-CE (G8,5)	3x20/35/70 W		224	12°	**M194** 01-15
	3x20/35/70 W		224	30°	**M195** 01-15

We advise against the use of accessories so as to leave the LOR unchanged

Class of Insulation I

Electric cables that are necessary for operation of the fittings with discharge lamps are contained in the special power supply groups (to be ordered separately).

Frame

accessories

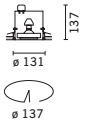
	code	colour	code	colour
Refractor for elliptical distribution	**8766**	24 for QR CBC 51	**1191**	24 no for LED
Optical diffuser for LED				
medium	**---**	---	**MXG3**	24
flood	**---**	---	**MXG4**	24
elliptical	**---**	---	**MXG5**	24
Coloured filters	**8753**	05-06-09 65 for QR CBC 51	**8754**	05-06-09 65 no for LED
Louvre	**8775**	04 for QR CBC 51	**---**	---
Louvre Cut-Off 45°	**---**	---	**8732**	15 for 4252

components

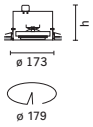
	code	colour
Constant-current LED driver 1,5÷21 W V_{IN}=220-240Vac V_{OUT} max=38Vdc I_{OUT}=600mA	**6993**	00
Electronic control gear		
for 2x35 W HIT Kg. 0,365 - Dim. 175x79,5x32h	**4437**	00
Electronic control gear		
for 20 W HIT Kg. 0,320 - Dim. 225x60x37h	**9698**	00
for 35 W HIT Kg. 0,320 - Dim. 225x60x37h	**4466**	00
for 70 W HIT Kg. 0,350 - Dim. 185x90x37h	**4467**	00
Control gear complete with capacitor		
for 35 W HIT Kg. 1,450 - Dim. 257x92x70h	**4468**	00
for 70 W HIT Kg. 1,700 - Dim. 257x92x70h	**4469**	00
Control gear complete with capacitor and ignitor with controlled pulses		
for 35 W HIT Kg. 1,450 - Dim. 257x92x70h	**4471**	00
for 70 W HIT Kg. 1,700 - Dim. 257x92x70h	**4472**	00
Electronic safety transformer		
10-60 W 230/12 V St	**5581**	00
35-105 W 230/12 V St	**5583**	00
Electronic safety transformer		
50-200 W 230/12 V Top	**5586**	00
50-200 W 230/12 V St	**5587**	00
20-60 W 230/12 V St	**5584**	00
50-105 W 230/12 V St	**5585**	00

Minimal

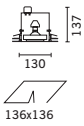
04
BLACK



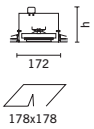
light source	W	lm	optic	code colour
LED	Neutral white			
	6,2 W	370	24°	**M333** 04
	Warm white			
	5,8 W	270	26°	**M334** 04
	Power supply to be ordered separately			
QR CBC 51 (GU5,3)	50 W 12 V			**8815** 04
HI-PAR51-CE (GX10)	Complete with electronic control gear			
	35 W			**M330** 04
	Class of Insulation I			



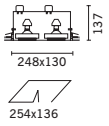
light source	W	lm	h	optic	code colour
LED	Passive dissipation				
	Complete with DALI power supply				
	Neutral white				
	18 W	1900	110	46°	**MF25** 04
	Warm white				
	18 W	1800	110	14°	**MF26** 04
	18 W	1800	110	30°	**MF27** 04
	18 W	1800	110	46°	**MF28** 04
	Warm white - CRI>90				
	18 W	1500	110	14°	**MF29** 04
	18 W	1500	110	30°	**MF30** 04
	IP20 - Class of Insulation II				
QR 111 (G53)	75 W 12 V		137		**8835** 04



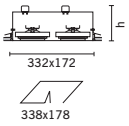
light source	W	lm	optic	code colour
LED	Neutral white			
	6,2 W	370	24°	**M335** 04
	Warm white			
	5,8 W	270	26°	**M336** 04
	Power supply to be ordered separately			
QR CBC 51 (GU5,3)	50 W 12 V			**8817** 04
HI-PAR51-CE (GX10)	Complete with electronic control gear			
	35 W			**M331** 04
	Class of Insulation I			



light source	W	lm	h	optic	code colour
LED	Passive dissipation				
	Complete with DALI power supply				
	Neutral white				
	18 W	1900	110	46°	**MF31** 04
	Warm white				
	18 W	1800	110	14°	**MF32** 04
	18 W	1800	110	30°	**MF33** 04
	18 W	1800	110	46°	**MF34** 04
	Warm white - CRI>90				
	18 W	1500	110	14°	**MF35** 04
	18 W	1500	110	30°	**MF36** 04
	IP20 - Class of Insulation II				
QR 111 (G53)	75 W 12 V		137		**8837** 04



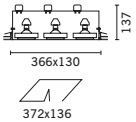
light source	W	lm	optic	code colour
LED	Neutral white Complete with power supply			
	2x6,2 W	370	24°	**M337** 04
	Warm white Complete with power supply			
	2x5,8 W	270	26°	**M338** 04
	Class of Insulation II			
QR CBC 51 (GU5,3)	2x50 W 12 V			**8819** 04
HI-PAR51-CE (GX10)	Complete with electronic control gear			
	2x35 W			**M332** 04
	Class of Insulation I			



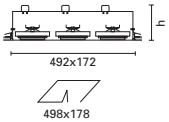
light source	W	lm	h	optic	code colour
LED	Passive dissipation				
	Complete with DALI power supply				
	Neutral white				
	2x18 W	1900	110	46°	**MF37** 04
	Warm white				
	2x18 W	1800	110	14°	**MF38** 04
	2x18 W	1800	110	30°	**MF39** 04
	2x18 W	1800	110	46°	**MF40** 04
	Warm white - CRI>90				
	2x18 W	1500	110	14°	**MF41** 04
	2x18 W	1500	110	30°	**MF42** 04
	IP20 - Class of Insulation II				
QR 111 (G53)	2x75 W 12 V		137		**8839** 04

Minimal

04
BLACK



light source	W		code	colour
QR CBC 51 (GU5,3)	3x50 W	12 V	**8821**	04



light source	W	lm	h	optic	code	colour
LED	Passive dissipation					
	Complete with DALI power supply					
	Neutral white					
	3x18 W	1900	110	46°	**MF43**	04
	Warm white					
	3x18 W	1800	110	14°	**MF44**	04
	3x18 W	1800	110	30°	**MF45**	04
	3x18 W	1800	110	46°	**MF46**	04
	Warm white - CRI>90					
	3x18 W	1500	110	14°	**MF47**	04
	3x18 W	1500	110	30°	**MF48**	04
	IP20 - Class of Insulation II					
QR 111 (G53)	3x75 W	12 V	137		**8841**	04

accessories

	137	136x136 254x136 372x136	179	178x178 338x178 498x178
	code colour		code colour	
Refractor for elliptical distribution	**8766** 24 for QR CBC 51		**8771** 24 for QR 111	
Optical diffuser for LED				
medium	**---** ---		**MXG3** 24	
flood	**---** ---		**MXG4** 24	
elliptical	**---** ---		**MXG5** 24	
Coloured filters	**8753** 05-06-09 65 for QR CBC 51		**8754** 05-06-09 65 for QR 111	
Louvre	**8775** 04 for QR CBC 51		**---** ---	

components

	code	colour
Constant-current LED driver 1,5÷21 W VIN=220-240Vac VOUT max=38Vdc IOUT=600mA	**6993**	00
Electronic safety transformer		
10-60 W 230/12 V St	**5581**	00
35-105 W 230/12 V St	**5583**	00
Electronic safety transformer		
50-200 W 230/12 V Top	**5586**	00
50-200 W 230/12 V St	**5587**	00
20-60 W 230/12 V St	**5584**	00
50-105 W 230/12 V St	**5585**	00

Deep Frame - Deep Minimal

Deep Frame

Deep Minimal

Features

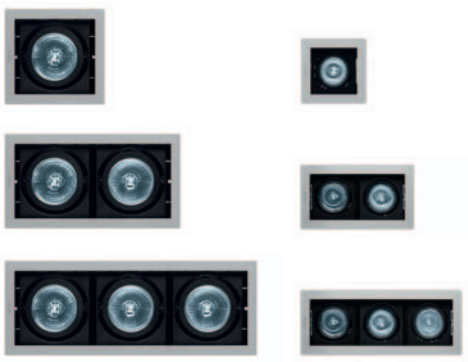
IP23

- Recessed installation in false ceilings with 12,5 mm for Deep Minimal versions (without perimeter rim) or from 1 to 30 mm for Deep Frame versions (with rim) using torsion springs.
- Die-cast aluminium optical assemblies, metal outer rim, painted sheet steel lamp holder unit.
- Versions with high-performance LEDs with warm white and neutral white monochromatic emission; available with passive dissipation (with lamellar radiator) or active dissipation (with cooling fan). Complete with DALI power supply.
- Versions with reflector with high luminous efficiency.
- LED versions with high color rendering index >90.
- Installation without tools.

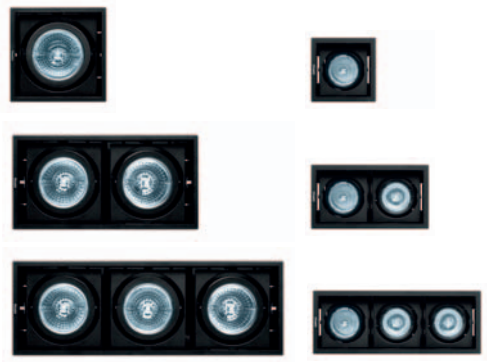
The luminaire is also available in the ceiling-mounted version, page 334.

Range

Deep Frame



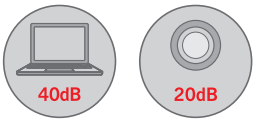
Deep Minimal



Deep Frame - Deep Minimal

Heat dissipation

Two innovative heat dissipation solutions: active and passive. The active version includes a small cooling fan which allows the use of higher powered LEDs and therefore optimum performance.

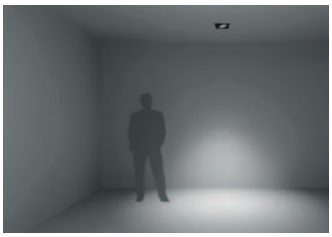


Active dissipation
20 dB

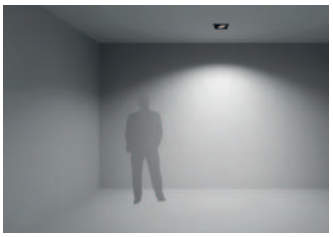
Passive dissipation

Optical diffusers

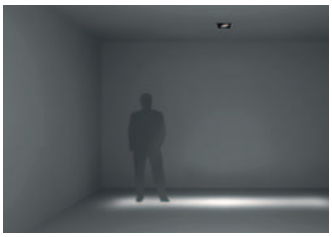
By simply installing these refractors you can vary the light cone angle without having to change the luminaire.
The product without diffuser has a spot optic.
For more flexible lighting, install different optical diffusers on the same luminaire.



M - Medium



F - Flood



E - Elliptical

Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

E - Elliptical*

LED PASSIVE DISSIPATION	5,9 - 6,2 - 19W	
LED ACTIVE DISSIPATION	35W	
HIT-CE	20W	
QR-CBC 51	50W	
QR 111	75W	

HIT-CE	35 - 70W
HIR-111 CE	35 - 70W
HIT-TC-CE	35 - 70W
HI-PAR 51 CE	35W

* Elliptical optic is obtained by installing the respective accessories.

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

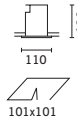
lumen lm	LED	QR CBC 51	ENERGY CLASS
1900	19W	2x50W	81%
3000	35W	3x50W	76%

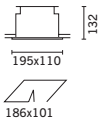
(3000K) LED energy saving compared with conventional lamps

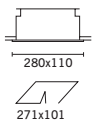
Deep Frame

01
WHITE

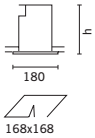
74
GREY/BLACK







light source	W	lm	h	optic	code colour
LED	Warm white Complete with power supply				
	6,2 W	330		26°	**2693** 01-74
QR CBC 51 (GU5,3)	50 W 12 V				**2689** 01-74
	Class of Insulation III				
HI-PAR 51-CE (GX10)	Complete with electronic control gear 35 W				**2690** 01-74
HIT-CE (PGJ5)	Complete with electronic control gear 20 W			72°	**2691** 01-74
LED	Warm white Complete with power supply				
	2x6,2 W	330		26°	**2698** 01-74
QR CBC 51 (GU5,3)	2x50 W 12 V				**2694** 01-74
	Class of Insulation III				
HI-PAR 51-CE (GX10)	Complete with electronic control gear 2x35 W				**2695** 01-74
HIT-CE (PGJ5)	Complete with electronic control gear 2x20 W			72°	**2696** 01-74
LED	Warm white Complete with power supply				
	3x6,2 W	330	132	26°	**2954** 01-74
QR CBC 51 (GU5,3)	3x50 W 12 V		142		**2950** 01-74
	Class of Insulation III				
HI-PAR 51-CE (GX10)	Complete with electronic control gear 3x35 W		132		**M197** 01-74
HIT-CE (PGJ5)	Complete with electronic control gear 2x20 W		132	72°	**2952** 01-74
QR CBC 51 (GU5,3)	+50 W 12 V (QR CBC 51)				



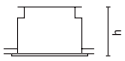
light source	W	lm	h	optic	code colour
LED	**Passive dissipation** Complete with DALI power supply Neutral white				
	19 W	2000	120	46°	**MG39** 01-74
	Warm white				
	19 W	1900	120	14°	**MG40** 01-74
	19 W	1900	120	30°	**MG41** 01-74
	19 W	1900	120	46°	**MG42** 01-74
	Warm white - CRI>90				
	19 W	1600	120	14°	**MG43** 01-74
	19 W	1600	120	30°	**MG44** 01-74
	Active dissipation Complete with DALI power supply Neutral white				
	35 W	3100	195	46°	**MG75** 01-74
	Warm white				
	35 W	3000	195	14°	**MG76** 01-74
	35 W	3000	195	30°	**MG77** 01-74
	35 W	3000	195	46°	**MG78** 01-74
	Warm white - CRI>90				
	35 W	2500	195	14°	**MG79** 01-74
	35 W	2500	195	30°	**MG80** 01-74
	IP20 - Class of Insulation II				
QR 111 (G53)	75 W		122		**2955** 01-74
	Class of Insulation III				
HIT-CE (G12)	35/70 W		197	60°	**2957** 01-74
HIR-111-CE (GX8,5)	35/70 W		197		**2958** 01-74
	High-efficiency reflector				
HIT-TC-CE (G8,5)	20/35/70 W		197	12°	**M198** 01-74
	20/35/70 W		197	30°	**M199** 01-74
	We advise against the use of accessories so as to leave the LOR unchanged				

Electric cables that are necessary for operation of the fittings with discharge lamps are contained in the special power supply groups (to be ordered separately).

Deep Frame

01 WHITE

74 GREY/BLACK



326x168

light source	W	lm	h	optic	code colour
LED	**Passive dissipation**				
	Complete with DALI power supply				
	Neutral white				
	2x19 W 2000	120		46°	**MG45** 01-74
	Warm white				
	2x19 W 1900	120		14°	**MG46** 01-74
	2x19 W 1900	120		30°	**MG47** 01-74
	2x19 W 1900	120		46°	**MG48** 01-74
	Warm white - CRI>90				
	2x19 W 1600	120		14°	**MG49** 01-74
	2x19 W 1600	120		30°	**MG50** 01-74
	Active dissipation				
	Complete with DALI power supply				
	Neutral white				
	2x35 W 3100	195		46°	**MG81** 01-74
	Warm white				
	2x35 W 3000	195		14°	**MG82** 01-74
	2x35 W 3000	195		30°	**MG83** 01-74
	2x35 W 3000	195		46°	**MG84** 01-74
	Warm white - CRI>90				
	2x35 W 2500	195		14°	**MG85** 01-74
	2x35 W 2500	195		30°	**MG86** 01-74
	IP20 - Class of Insulation II				
QR 111 (G53)	2x75 W	122			**2959** 01-74
	Class of Insulation III				
HIT-CE (G12)	2x35/70 W	197		60°	**2961** 01-74
HIR-111-CE (GX8,5)	2x35/70 W	197			**2962** 01-74
	High-efficiency reflector				
HIT-TC-CE (G8,5)	2x20/35/70 W	197		12°	**M200** 01-74
	2x20/35/70 W	197		30°	**M201** 01-74
	We advise against the use of accessories so as to leave the LOR unchanged				

Electric cables that are necessary for operation of the fittings with discharge lamps are contained in the special power supply groups (to be ordered separately).

486x168

light source	W	lm	h	optic	code colour
LED	**Passive dissipation**				
	Complete with DALI power supply				
	Neutral white				
	3x19 W 2000	120		46°	**MG51** 01-74
	Warm white				
	3x19 W 1900	120		14°	**MG52** 01-74
	3x19 W 1900	120		30°	**MG53** 01-74
	3x19 W 1900	120		46°	**MG54** 01-74
	Warm white - CRI>90				
	3x19 W 1600	120		14°	**MG55** 01-74
	3x19 W 1600	120		30°	**MG56** 01-74
	Active dissipation				
	Complete with DALI power supply				
	Neutral white				
	3x35 W 3100	195		46°	**MG87** 01-74
	Warm white				
	3x35 W 3000	195		14°	**MG88** 01-74
	3x35 W 3000	195		30°	**MG89** 01-74
	3x35 W 3000	195		46°	**MG90** 01-74
	Warm white - CRI>90				
	3x35 W 2500	195		14°	**MG91** 01-74
	3x35 W 2500	195		30°	**MG92** 01-74
	IP20 - Class of Insulation II				
QR 111 (G53)	3x75 W	122			**2963** 01-74
	Class of Insulation III				
HIR-111-CE (GX8,5)	3x35/70 W	197			**M204** 01-74
HIT-CE (G12)	2x35/70 W + 75 W (QR 111)	197		60°	**2965** 01-74
QR 111 (G53)	2x75 W + 35/70 W (HIT-CE G12)	197		60°	**2966** 01-74
HIR-111-CE (GX8,5)	2x35/70 W + 75 W (QR 111)	197			**2967** 01-74
	High-efficiency reflector				
HIT-TC-CE (G8,5)	3x20/35/70 W	197		12°	**M202** 01-74
	3x20/35/70 W	197		30°	**M203** 01-74
	We advise against the use of accessories so as to leave the LOR unchanged				

Deep Frame

accessories

	101x101 186x101 271x101		168x168 326x168 486x168	
	code	colour	code	colour
Optical diffuser for LED				
medium	**---**	---	**MXG3**	24
flood	**---**	---	**MXG4**	24
elliptical	**---**	---	**MXG5**	24
Coloured filters Not for use with HI-PAR 51-CE lamps. Maximum 35 W output for QR CBC 51.	**---**	---	**8754**	05-06-09 65
Antiglare screen	**2998**	01-04	**2999**	01-04

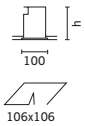
components

	code	colour
Electronic control gear		
for 2x35W HIT Kg. 0,365 - Dim. 175x79,5x32h	**4437**	00
Electronic control gear		
for 20W HIT Kg. 0,320 - Dim. 225x60x37h	**9698**	00
for 35W HIT Kg. 0,320 - Dim. 225x60x37h	**4466**	00
for 70W HIT Kg. 0,350 - Dim. 185x90x37h	**4467**	00
Control gear complete with capacitor		
for 35W HIT Kg. 1,450 - Dim. 257x92x70h	**4468**	00
for 70W HIT Kg. 1,700 - Dim. 257x92x70h	**4469**	00
Control gear complete with capacitor and ignitor with controlled pulses		
for 35W HIT Kg. 1,450 - Dim. 257x92x70h	**4471**	00
for 70W HIT Kg. 1,700 - Dim. 257x92x70h	**4472**	00
Electronic safety transformer		
10-60W 230/12V St	**5581**	00
35-105W 230/12V St	**5583**	00
Electronic safety transformer		
50-200W 230/12V Top	**5586**	00
50-200W 230/12V St	**5587**	00
20-60W 230/12V St	**5584**	00
50-105W 230/12V St	**5585**	00

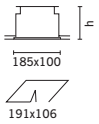
Deep Minimal

01 WHITE

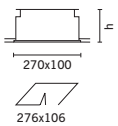
04 BLACK



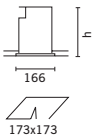
light source	W	lm	h	optic	code colour
LED	Warm white Complete with power supply				
	5,9 W	330	132	26°	**2664** 01-04
QR CBC 51 (GU5,3)	50 W 12 V		132		**2660** 01-04
	Class of Insulation III				
HI-PAR 51-CE (GX10)	Complete with electronic control gear				
	35 W		132		**2661** 01-04
HIT-CE (PGJ5)	Complete with electronic control gear				
	20 W		132	72°	**2662** 01-04



light source	W	lm	h	optic	code colour
LED	Warm white Complete with power supply				
	2x5,9 W	330	132	26°	**2669** 01-04
QR CBC 51 (GU5,3)	2x50 W 12 V		132		**2665** 01-04
	Class of Insulation III				
HI-PAR 51-CE (GX10)	Complete with electronic control gear				
	2x35 W		132		**2666** 01-04
HIT-CE (PGJ5)	Complete with electronic control gear				
	2x20 W		132	72°	**2667** 01-04



light source	W	lm	h	optic	code colour
LED	Warm white Complete with power supply				
	3x5,9 W	330	132	26°	**2674** 01-04
QR CBC 51 (GU5,3)	3x50 W 12 V		132		**2670** 01-04
	Class of Insulation III				
HI-PAR 51-CE (GX10)	Complete with electronic control gear				
	3x35 W		132		**M205** 01-04
HIT-CE (PGJ5)	Complete with electronic control gear				
	2x20 W (HIT-CE) + 50 W 12 V (QR CBC 51)		132	72°	**2672** 01-04
QR CBC 51 (GU5,3)					



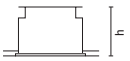
light source	W	lm	h	optic	code colour
LED	Passive dissipation Complete with DALI power supply Neutral white				
	19 W	2000	120	46°	**MG21** 01-04
	Warm white				
	19 W	1900	120	14°	**MG22** 01-04
	19 W	1900	120	30°	**MG23** 01-04
	19 W	1900	120	46°	**MG24** 01-04
	Warm white - CRI>90				
	19 W	1600	120	14°	**MG25** 01-04
	19 W	1600	120	30°	**MG26** 01-04
	Active dissipation Complete with DALI power supply Neutral white				
	35 W	3100	195	46°	**MG57** 01-04
	Warm white				
	35 W	3000	195	14°	**MG58** 01-04
	35 W	3000	195	30°	**MG59** 01-04
	35 W	3000	195	46°	**MG60** 01-04
	Warm white - CRI>90				
	35 W	2500	195	14°	**MG61** 01-04
	35 W	2500	195	30°	**MG62** 01-04
	IP20 - Class of Insulation II				
QR 111 (G53)	75 W		122		**2675** 01-04
	Class of Insulation III				
HIT-CE (G12)	35/70 W		197	60°	**2677** 01-04
HIR-111-CE (GX8,5)	35/70 W		197		**2678** 01-04
	High-efficiency reflector				
HIT-TC-CE (G8,5)	20/35/70 W		197	12°	**M206** 01-04
	20/35/70 W		197	30°	**M207** 01-04
	We advise against the use of accessories so as to leave the LOR unchanged				

Electric cables that are necessary for operation of the fittings with discharge lamps are contained in the special power supply groups (to be ordered separately).

Deep Minimal

01 WHITE

04 BLACK



331x173

light source	W	lm	h	optic	code colour
LED	**Passive dissipation**				
	Complete with DALI power supply				
	Neutral white				
	2x19 W	2000	120	46°	**MG27** 01-04
	Warm white				
	2x19 W	1900	120	14°	**MG28** 01-04
	2x19 W	1900	120	30°	**MG29** 01-04
	2x19 W	1900	120	46°	**MG30** 01-04
	Warm white - CRI>90				
	2x19 W	1600	120	14°	**MG31** 01-04
	2x19 W	1600	120	30°	**MG32** 01-04
	Active dissipation				
	Complete with DALI power supply				
	Neutral white				
	2x35 W	3100	195	46°	**MG63** 01-04
	Warm white				
	2x35 W	3000	195	14°	**MG64** 01-04
	2x35 W	3000	195	30°	**MG65** 01-04
	2x35 W	3000	195	46°	**MG66** 01-04
	Warm white - CRI>90				
	2x35 W	2500	195	14°	**MG67** 01-04
	2x35 W	2500	195	30°	**MG68** 01-04
	IP20 - Class of Insulation II				
QR 111 (G53)	2x75 W		122		**2679** 01-04
	Class of Insulation III				
HIT-CE (G12)	2x35/70 W		197	60°	**2681** 01-04
HIR-111-CE (GX8,5)	2x35/70 W		197		**2682** 01-04
	High-efficiency reflector				
HIT-TC-CE (G8,5)	2x20/35/70 W		197	12°	**M208** 01-04
	2x20/35/70 W		197	30°	**M209** 01-04
	We advise against the use of accessories so as to leave the LOR unchanged				

491x173

light source	W	lm	h	optic	code colour
LED	**Passive dissipation**				
	Complete with DALI power supply				
	Neutral white				
	3x19 W	2000	120	46°	**MG33** 01-04
	Warm white				
	3x19 W	1900	120	14°	**MG34** 01-04
	3x19 W	1900	120	30°	**MG35** 01-04
	3x19 W	1900	120	46°	**MG36** 01-04
	Warm white - CRI>90				
	3x19 W	1600	120	14°	**MG37** 01-04
	3x19 W	1600	120	30°	**MG38** 01-04
	Active dissipation				
	Complete with DALI power supply				
	Neutral white				
	3x35 W	3100	195	46°	**MG69** 01-04
	Warm white				
	3x35 W	3000	195	14°	**MG70** 01-04
	3x35 W	3000	195	30°	**MG71** 01-04
	3x35 W	3000	195	46°	**MG72** 01-04
	Warm white - CRI>90				
	3x35 W	2500	195	14°	**MG73** 01-04
	3x35 W	2500	195	30°	**MG74** 01-04
	IP20 - Class of Insulation II				
QR 111 (G53)	3x75 W		122		**2683** 01-04
	Class of Insulation III				
HIR-111-CE (GX8,5)	3x35/70 W		197		**M212** 01-04
HIT-CE (G12)	2x35/70 W		197	60°	**2685** 01-04
	+75 W (QR 111)				
QR 111 (G53)	2x75 W		197		**2686** 01-04
	+35/70 W (HIT-CE G12)			60°	
HIR-111-CE (GX8,5)	2x35/70 W		197		**2687** 01-04
	+75 W (QR 111)				
	High-efficiency reflector				
HIT-TC-CE (G8,5)	3x20/35/70 W		197	12°	**M210** 01-04
	3x20/35/70 W		197	30°	**M211** 01-04
	We advise against the use of accessories so as to leave the LOR unchanged				

Deep Minimal

accessories

	106x106 191x106 276x106		173x173 331x173 491x173	
	code	colour	code	colour
Optical diffuser for LED				
medium	---	---	**MXG3**	24
flood	---	---	**MXG4**	24
elliptical	---	---	**MXG5**	24
Coloured filters Not for use with HI-PAR 51-CE lamps. Maximum 35 W output for QR CBC 51.	---	---	**8658**	05-06-09 65
Antiglare screen	**2998**	01-04	**2999**	01-04
Installation system for false ceilings with cross-sections of 15 mm				
for version with 1 optical assembly	**2992**	00	**2995**	00
for version with 2 optical assemblies	**2993**	00	**2996**	00
for version with 3 optical assemblies	**2994**	00	**2997**	00

components

	code	colour
Electronic control gear		
for 2x35W HIT Kg. 0,365 - Dim. 175x79,5x32h	**4437**	00
Electronic control gear		
for 20W HIT Kg. 0,320 - Dim. 225x60x37h	**9698**	00
for 35W HIT Kg. 0,320 - Dim. 225x60x37h	**4466**	00
for 70W HIT Kg. 0,350 - Dim. 185x90x37h	**4467**	00
Control gear complete with capacitor		
for 35W HIT Kg. 1,450 - Dim. 257x92x70h	**4468**	00
for 70W HIT Kg. 1,700 - Dim. 257x92x70h	**4469**	00
Control gear complete with capacitor and ignitor with controlled pulses		
for 35W HIT Kg. 1,450 - Dim. 257x92x70h	**4471**	00
for 70W HIT Kg. 1,700 - Dim. 257x92x70h	**4472**	00
Electronic safety transformer		
10-60W 230/12V St	**5581**	00
35-105W 230/12V St	**5583**	00
Electronic safety transformer		
50-200W 230/12V Top	**5586**	00
50-200W 230/12V St	**5587**	00
20-60W 230/12V St	**5584**	00
50-105W 230/12V St	**5585**	00

Bespoke

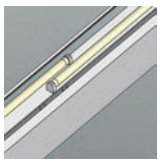
Features

IP20

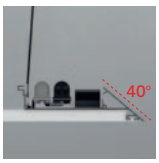
- Modular system for creating "frameless"-type recessed channels with variable opening - open 100 and open 180 - which correspond to the dimensions of the channel openings.
- Structural sections made of extruded aluminium.
- Cover made of shaped sheet steel.
- Accent light kits available with small and large body.
- Adjustability and rotation around vertical axis of light sources.
- Indirect light kits with T16 fluorescent tubes.
- All control gear is electronic; fluorescent modules are available in DALI version and for permanent emergency light, 1.5 hours autonomy with 12 hour recharging cycle - 3 hours autonomy with 24 hour recharging cycle. Conforms to EN60598-2-22.

DALI PROTOCOL | E EMERGENCY

Adjustability of spotlights

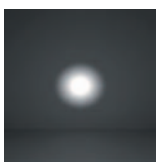


Indirect light modules with "overlapping" system



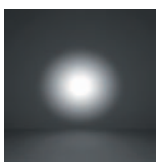
Concealed components

Optics and lamps

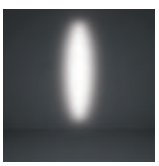


S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°



F - Flood
α from 26° to 39°



E - Elliptical*

	LED	9 - 18W
	QR-CBC 51	50W
	QR 111	50 - 75W
	HIR-111-CE	35 - 70W

	HIT-CE	20 - 35W
	HIT-TC-CE	20 - 35 - 70W
	HI-PAR 51 CE	20 - 35W

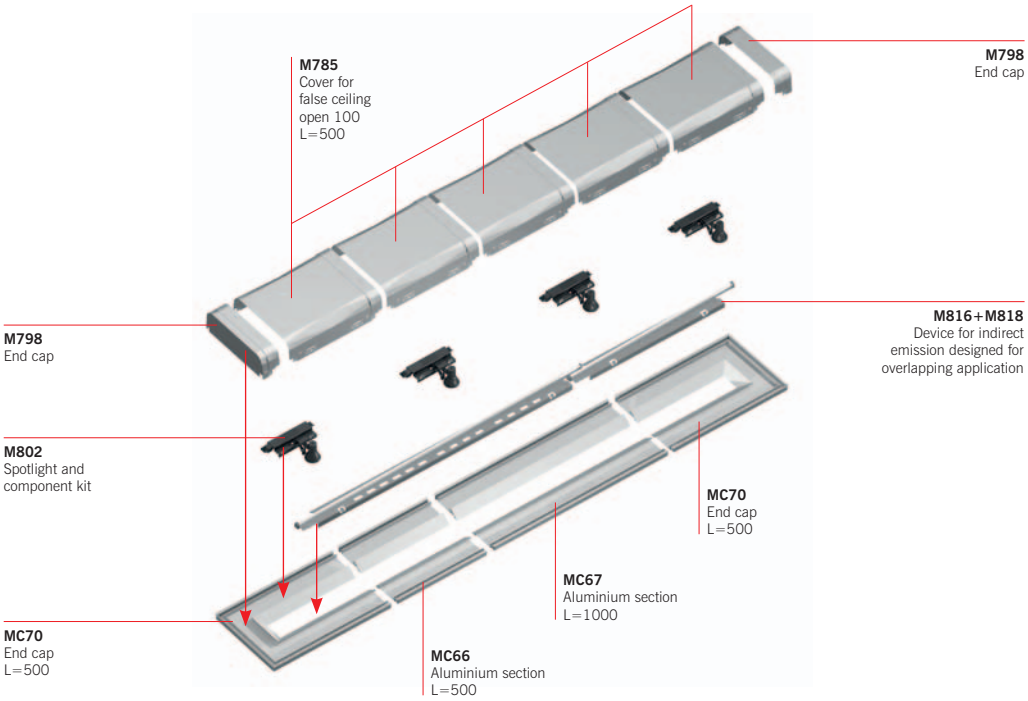
* Elliptical optic is obtained by installing the respective accessories.

Bespoke

System composition

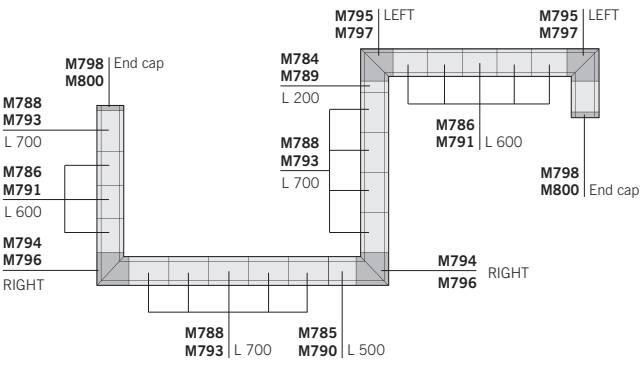
The sales order must take into consideration all elements of the system:
- Structural modules in various lengths, for open 100 and open 180 channels (pair of sections, pair of end caps and external/internal corners).
- Kit of spotlights for accent light, for open 100 and open 180 channels, different by type and light sources (also available with LED) and fluorescent lamps for indirect light. Spotlights are provided with components and multiple accessories (refractors, chromatic filters, etc.).
- Linear and angular cover for false ceiling and end caps.

The diagram below is an example of a composition with 2500 mm long open 100, showing the list of structural elements and accessories needed.

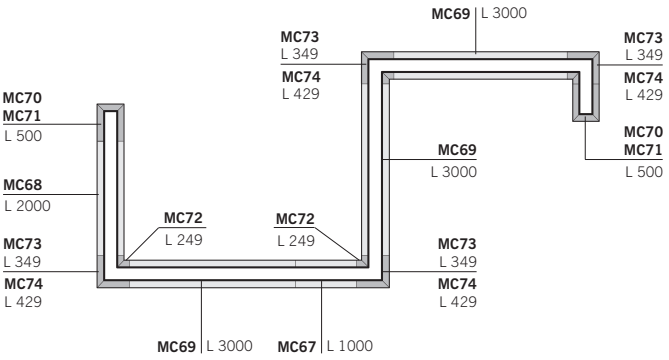


Composition

Cover for false ceiling

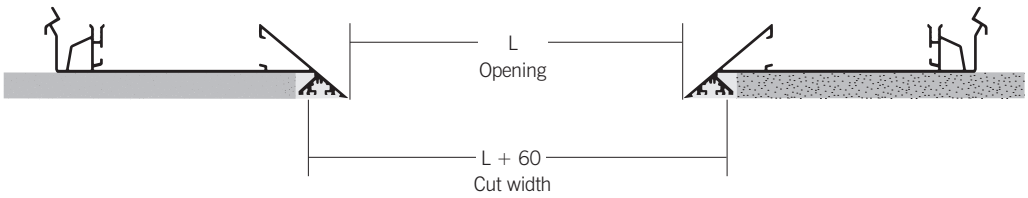


Structural sections



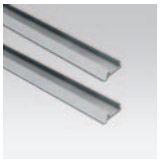
Installation

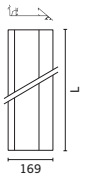
To ensure the correct width when cutting the false ceiling, add 60 mm to the dimension of the desired opening. (i.e. 100 mm opening = 160 mm cut width).



Bespoke

01 WHITE
04 BLACK
12 ALUMINIUM

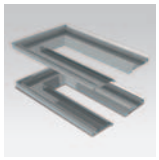


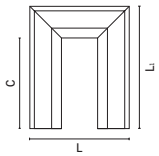


length code colour

Pair of aluminium structural sections

500 **MC66** 01-04
12
1000 **MC67** 01-04
12
2000 **MC68** 01-04
12
3000 **MC69** 01-04
12



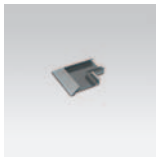


Pair of aluminium end caps for structural section

open 100 **MC70** 01-04
12
L1=669 - L=438 - C=500

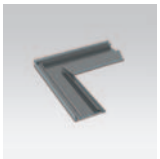
open 180 **MC71** 01-04
12
L1=669 - L=518 - C=500

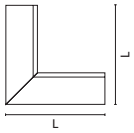
The end caps originate two channel sections with L = 500 and final closing



Internal angle 90° of aluminium

MC72 01-04
12

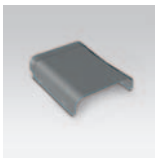


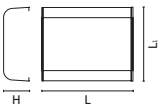


External angle 90° of aluminium

open 100 505x505 **MC73** 01-04
12

open 180 585x585 **MC74** 01-04
12





length code colour

Linear cover for false ceiling

open 100

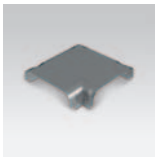
200 **M784** 01-04
500 **M785** 01-04
600 **M786** 01-04
700 **M788** 01-04

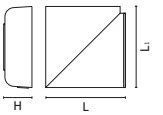
L1=415 - H=126

open 180

200 **M789** 01-04
500 **M790** 01-04
600 **M791** 01-04
700 **M793** 01-04

L1=495 - H=196





Angular cover for false ceiling

open 100

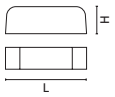
right **M794** 01-04
left **M795** 01-04

L=516 - L1=493 - H=126

open 180

right **M796** 01-04
left **M797** 01-04

L=596 - L1=573 - H=196



Cover end caps for false ceiling

open 100 **M798** 01-04
L=415 - H=126

open 180 **M800** 01-04
L=495 - H=196

T 16
(G5)

Device for indirect emission designed for overlapping application

Electronic

21/39 W	900	**M816** 01
28/54 W	1200	**M817** 01
35/49/80 W	1500	**M818** 01

DALI

21/39 W	900	**M819** 01
28/54 W	1200	**M820** 01
35/49/80 W	1500	**M821** 01

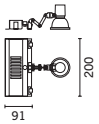
Emergency

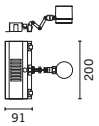
35/49/80 W	1500	**MM57** 01

Bespoke

01 WHITE

04 BLACK

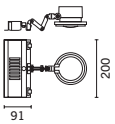




LED version

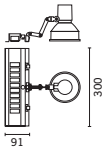
light source	W	lm	optic	code colour
LED	Warm white Complete with power supply			
	9 W	560	14°	**MA69** 01-04
	9 W	560	24°	**MA70** 01-04
QR CBC 51 (GU5,3)	Electronic			
	50 W 12 V			**M802** 01-04
HI-PAR51-CE (GX10)	Electronic			
	20 W			**M803** 01-04
	35 W			**M804** 01-04
HIT-CE (PGJ5)	Electronic			
	20 W		16°	**M805** 01-04
	20 W		56°	**M806** 01-04
	35 W		16°	**M807** 01-04
	35 W		56°	**M808** 01-04

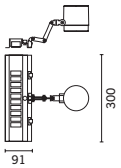
Complete with safety glass



QR 111 (G53)	Electronic			
	50/75 W 12 V			**M809** 01-04

Only for use in open 180 channel opening

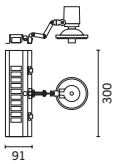




LED version

light source	W	lm	optic	code colour
LED	Warm white Complete with power supply			
	18 W	1010	12°	**MA71** 01-04
	18 W	1010	20°	**MA72** 01-04
HIT-TC-CE (G8,5)	Electronic			
	20 W		16°	**M812** 01-04
	35 W		16°	**M813** 01-04
	70 W		14°	**M814** 01-04
	70 W		44°	**M815** 01-04

Complete with safety glass
Only for use in open 180 channel opening



HIR-111-CE (GX8,5)	Electronic			
	35 W			**M810** 01-04
	70 W			**M811** 01-04

Only for use in open 180 channel opening

accessories

	code	colour
Refractor for elliptical distribution	**9425**	24
for M802-M803 M805-M806	**9463**	24
for M812-M813 M814-M815		
Coloured filters	**9405**	05-06-09 24
for M802-M803 M805-M806	**8782**	05-06-09 24
for M812-M813 M814-M815		
IR filter	**9415**	24
for M802-M803 M805-M806	**8786**	24
for M812-M813 M814-M815		
UV filter	**9433**	24
for M802-M803 M805-M806	**9435**	24
for M812-M813 M814-M815		
Antiglare screen It allows for installation of optional glasses	**MWP0**	43 47
for M802-M803-M804 M805-M806-M807-M808	**MWP2**	43 47
for M812-M813 M814-M815		
Antiglare screen Not for use in association with optional glasses	**MWP1**	43 47
for M809-M810-M811		
Derma for installing structural sections Consult the instructions sheet for the use	**MWQ3**	00

Flat accessories must be installed in association with MWP0-MWP2 anti-glare screen

accessories for device for indirect light

	code	colour
Plate with terminal blocks	**MWQ0**	00
Power supply cable	**MWQ1**	00
Cable with connectors for spaced connection	**MWQ2**	00

Spotlights and tracks

Spotlights

174 Palco
LED

178 Palco
wall washer
LED

180 Palco profiler
LED

184 Sydecar
LED

188 Lux

192 Express
LED

194 Tecnica
LED

200 Front Light
LED

204 Le Perroquet
LED

213 Primopiano
professional
LED

216 Primopiano
wall washer
LED

218 Primopiano
LED

220 Parallel
square

221 Parallel
rectangular

222 Lumen

224 Tilt
LED

227 Cestello
LED

232 Cerchio

232 Zoom

Tracks

234 iDuo

236 Standard track

238 Recessed
tracks

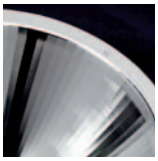
240 Mini Limelight

Expo Shanghai 2010, Italian Pavilion - Shanghai, China
Architectural project: Giampaolo Imbrighi - Scenography light: Giancarlo Basili - Photo: HZCAD Shanghai

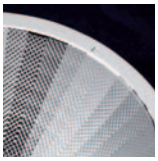
Spotlights and tracks

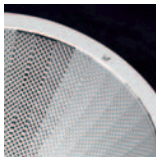
Opti Beam - Patent Pending

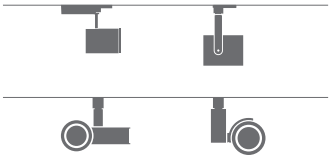
The lenticular surface of the reflectors can improve light distribution without reducing optical performance and therefore luminaire efficiency.


Spot

Medium


Flood


Wide Flood

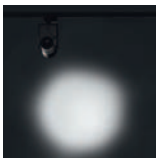


Coloured filters

The luminaire/coloured filters combination uses colours to emphasise spaces and objects.

Soft Lens filter

This filter defines the borders of the light cone. Versions with CRI>80/90 are available.


with filter

without filter

Warmtone filter

For correcting colour temperature, using warm light to make the most of objects that need warm tones.

Product
with Warmtone

Coldtone filter

Ideal for lighting and showing off cool-coloured objects.

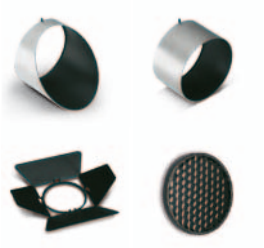
Product
with Coldtone

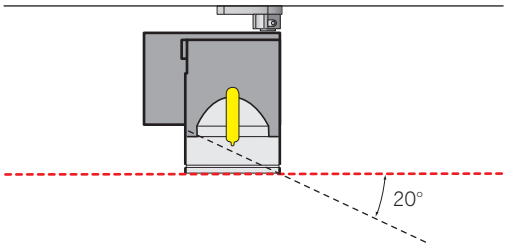
IR/UV filter

These filters reduce and control ultraviolet (UV) and infrared (IR) rays.

Visual comfort

The set back position of the lamps and the optical accessories supplied prevent glare and provide a high level of visual comfort.

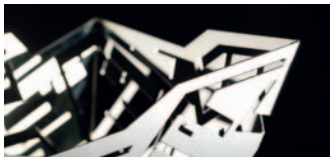




Spotlights and tracks

CRI Color Rendering Index

Retail and museum areas need lighting that is carefully crafted and precisely enhances the colours of metals, fabrics or works of art.



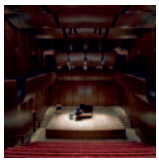
LED CRI 75
Bright light to valorise items in boutiques and stores.

LED CRI 80
Warm, comfortable light to exalt gold and jewels. Ideal for jewellery shops.

LED CRI 90
The chromatic rendering index makes the artificial light spectrum very similar to daylight. Ideal for museum spaces.

DALI protocol

Digital Adressable Lighting Interface
This technology allows both energy saving and the possibility of customised lighting.

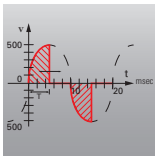


Dimmer

An electronic adjusting device for controlling and modulating the intensity of the lamp light flow.

IGBT

Phase cut-off with sine wave cutting at the trailing edge.



Focusing

Device for adjusting light beam angle, for precise lighting control.

Used with the Spot optic it allows the beam of light to be focused.

The Flood optic changes the width of the beam of light (HAL and QT12 versions).

Adjustability

The spot/floodlights can rotate about the vertical axis and be angled relative to the horizontal plane. The degrees vary depending on the luminaire.

Locking mechanism and graduated scale

This system allows more precise adjustment of the angle of the luminaire, keeping the direction of the beam of light stationary and stable.

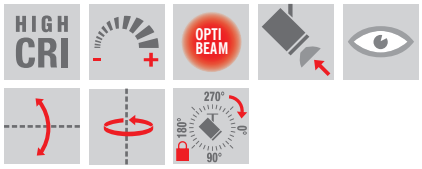
Palco

design Artec3 Studio

Features

IP20

- Installation on three-phase track and on a ceiling-mounted base.
- Made of die-cast aluminium and thermoplastic material.
- Opti Beam interchanging reflectors with high luminous efficiency and uniform distribution.
- LED versions with high color rendering index.
- High visual comfort.
- Inclination of 90° on horizontal plane and 360° rotation around the vertical axis, with mechanical aiming lock.
- COB LED versions with passive dissipation.



Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

LL - Light Sliver*

LED	19 - 21 - 28 - 35W
	44 - 47 - 55W

* Light Sliver optic is obtained by installing the respective accessories.

- LED **COB**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51		HIT-CE	
1130	19W	50W	62%	-	-
3000	29W	3x50W	81%	-	-
5000	47W	-	-	70W	32%

(3000K) LED energy saving compared with conventional lamps

Palco

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.
The combination of filters allows the lamp color features to be changed, to make the most of the objects lit or the space.
The use of screens eliminates possible glare or stray light, guaranteeing a high level of visual comfort.

Accessory-holder ring

Accessory-holder ring

Refractor for elliptical distribution **medium**

Refractor for elliptical distribution **wide**

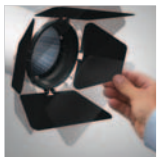
Soft Lens filter

Louvre

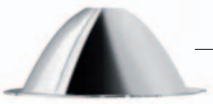
Antiglare screen

Directional flaps

External accessories installation without tools



External accessories with rotation up to 360°

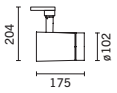


Interchangeable reflectors

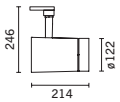
Palco

01
WHITE

04
BLACK



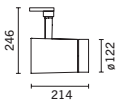
light source	W	lm	optic	code colour
LED	Neutral white dimmable - CRI 85			
	19W	1370	10°	**MJ66** 01-04
	19W	1370	16°	**MJ67** 01-04
	19W	1370	29°	**MJ69** 01-04
	19W	1370	38°	**MJ68** 01-04
	Warm white dimmable - CRI 90			
	19W	1130	10°	**MJ70** 01-04
	19W	1130	16°	**MJ71** 01-04
	19W	1130	29°	**MJ73** 01-04
	19W	1130	38°	**MJ72** 01-04
	Neutral white DALI - CRI 85			
	19W	1370	10°	**MT30** 01-04
	19W	1370	16°	**MT31** 01-04
	19W	1370	29°	**MT32** 01-04
	19W	1370	38°	**MT33** 01-04
	Warm white DALI - CRI 90			
	19W	1130	10°	**MT34** 01-04
	19W	1130	16°	**MT35** 01-04
	19W	1130	29°	**MT36** 01-04
	19W	1130	38°	**MT37** 01-04



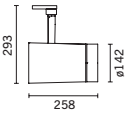
light source	W	lm	optic	code colour
LED	Neutral white dimmable - CRI 80			
	17W	2000	10°	**MJ78** 01-04
	17W	2000	18°	**MJ79** 01-04
	17W	2000	28°	**MJ80** 01-04
	17W	2000	42°	**MJ81** 01-04
	29W	3000	10°	**MJ90** 01-04
	29W	3000	18°	**MJ91** 01-04
	29W	3000	28°	**MJ92** 01-04
	29W	3000	42°	**MJ93** 01-04
	Warm white dimmable - CRI 80			
	17W	2000	10°	**MJ82** 01-04
	17W	2000	18°	**MJ83** 01-04
	17W	2000	28°	**MJ84** 01-04
	17W	2000	42°	**MJ85** 01-04
	29W	3000	10°	**MJ94** 01-04
	29W	3000	18°	**MJ95** 01-04
	29W	3000	28°	**MJ96** 01-04
	29W	3000	42°	**MJ97** 01-04
	Warm white dimmable - CRI 90			
	21W	1700	10°	**MJ86** 01-04
	21W	1700	18°	**MJ87** 01-04
	21W	1700	28°	**MJ88** 01-04
	21W	1700	42°	**MJ89** 01-04
	35W	2500	10°	**MJ98** 01-04
	35W	2500	18°	**MJ99** 01-04
	35W	2500	28°	**MK00** 01-04
	35W	2500	42°	**MK01** 01-04
	Warm white dimmable - CRI>95			
	28W	1300	19°	**MK02** 01-04
	28W	1300	30°	**MK03** 01-04
	28W	1300	39°	**MK04** 01-04

See your instruction manual for the exact number of accessories that may be installed.

DALI spotlights are provided with a special adapter and are only compatible with iGuzzini DALI tracks.



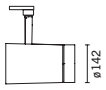
light source	W	lm	optic	code colour
LED	Neutral white DALI - CRI 80			
	17W	2000	10°	**MT38** 01-04
	17W	2000	18°	**MT39** 01-04
	17W	2000	28°	**MT40** 01-04
	17W	2000	42°	**MT41** 01-04
	30W	3000	10°	**MT50** 01-04
	30W	3000	18°	**MT51** 01-04
	30W	3000	28°	**MT52** 01-04
	30W	3000	42°	**MT53** 01-04
	Warm white DALI - CRI 80			
	17W	2000	10°	**MT42** 01-04
	17W	2000	18°	**MT43** 01-04
	17W	2000	28°	**MT44** 01-04
	17W	2000	42°	**MT45** 01-04
	30W	3000	10°	**MT54** 01-04
	30W	3000	18°	**MT55** 01-04
	30W	3000	28°	**MT56** 01-04
	30W	3000	42°	**MT57** 01-04
	Warm white DALI - CRI 90			
	21W	1700	10°	**MT46** 01-04
	21W	1700	18°	**MT47** 01-04
	21W	1700	28°	**MT48** 01-04
	21W	1700	42°	**MT49** 01-04
	35W	2500	10°	**MT58** 01-04
	35W	2500	18°	**MT59** 01-04
	35W	2500	28°	**MT60** 01-04
	35W	2500	42°	**MT61** 01-04
	Warm white DALI - CRI>95			
	28W	1300	19°	**MT62** 01-04
	28W	1300	30°	**MT63** 01-04
	28W	1300	39°	**MT64** 01-04



light source	W	lm	optic	code colour
LED	Neutral white - CRI 80			
	47W	5000	16°	**MK18** 01-04
	47W	5000	30°	**MK19** 01-04
	47W	5000	48°	**MK20** 01-04
	Warm white - CRI 80			
	47W	5000	16°	**MK22** 01-04
	47W	5000	30°	**MK23** 01-04
	47W	5000	48°	**MK24** 01-04
	Warm white - CRI 90			
	55W	4100	16°	**MK26** 01-04
	55W	4100	30°	**MK27** 01-04
	55W	4100	48°	**MK28** 01-04
	Neutral white DALI - CRI 80			
	44W	5000	16°	**MT65** 01-04
	44W	5000	30°	**MT66** 01-04
	44W	5000	48°	**MT67** 01-04
	Warm white DALI - CRI 80			
	47W	5000	16°	**MT68** 01-04
	47W	5000	30°	**MT69** 01-04
	47W	5000	48°	**MT70** 01-04
	Warm white DALI - CRI 90			
	47W	4100	16°	**MT71** 01-04
	47W	4100	30°	**MT72** 01-04
	47W	4100	48°	**MT73** 01-04

Palco

accessories



	code	colour	code	colour	code	colour
Refractor for elliptical distribution						
medium	**MXB7**	24	**MXB8**	24	**MXB9**	24
wide	**MXC0**	24	**MXC1**	24	**MXC2**	24
“Soft Lens” filter	**MXD8**	24	**MXD9**	24	**MXE0**	24
Louvre	**MXF0**	04	**MXF1**	04	**MXF2**	04
Antiglare screen	**MXF3**	04-47	**MXF4**	04-47	**MXF5**	04-47
Directional flaps	**MXF6**	04	**MXF7**	04	**MXF8**	04
Ceiling base	**8773**	01-04	**8773**	01-04	**---**	---
Ceiling base DALI	**MW30**	01-04	**MW30**	01-04	**---**	---
Recessed base	**8902**	01-04	**8902**	01-04	**---**	---
Recessed base DALI Hole for installation 108 mm	**MW31**	01-04	**MW31**	01-04	**---**	---
Cover for adapter IP40	**6854**	01-04	**6854**	01-04	**6854**	01-04

	code (α)	colour	code (α)	colour	code (α)	colour
Interchangeable reflectors for LED						
spot	**MX82** (10°)	12	**MX90** (10°)	12	**---**	---
medium	**MX83** (16°)	12	**MX91** (18°)	12	**MXA6** (16°)	12
flood	**MX85** (29°)	12	**MX92** (28°)	12	**MXA7** (30°)	12
wide flood	**MX84** (38°)	12	**MX93** (42°)	12	**MXA8** (48°)	12
Interchangeable reflectors for LED - CRI>95						
spot	**---**	---	**MX94** (19°)	12	**---**	---
medium	**---**	---	**MX95** (30°)	12	**---**	---
flood	**---**	---	**MX96** (39°)	12	**---**	---

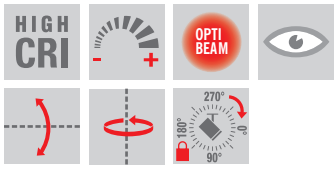
New Palco wall washer

design Artec3 Studio

Features

IP20

- Installation on three-phase track.
- Made of die-cast aluminium and thermoplastic material.
- Inclination of 90° on horizontal plane and 360° rotation around the vertical axis, with mechanical aiming lock.
- Complete with asymmetrical wall-washer screen for a uniform wall washing effect from the top down.
- Reflectors in superpure mirrored aluminium with special faceting that improves the distribution of the light beam (Opti Beam).
- Passive heat dissipation.



- LED COB
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	ENERGY SAVING	HIT-CE	ENERGY SAVING
1130	19W	50W	62%	-	-
3000	29W	3x50W	81%	-	-
5000	47W	-	-	70W	32%

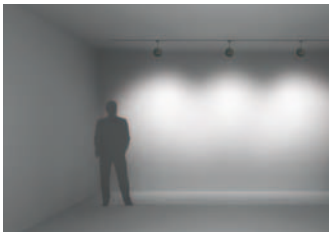
(3000K) LED energy saving compared with conventional lamps

Palco wall washer

Optic

The innovative wall washer optic **(patented)** has been designed to homogenously light walls without areas of shadow in the space close to the ceiling.

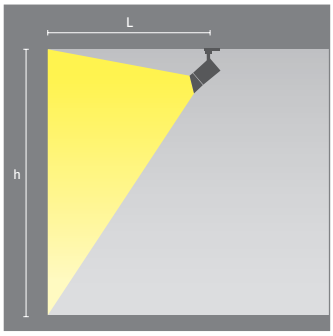
Palco Wall Washer

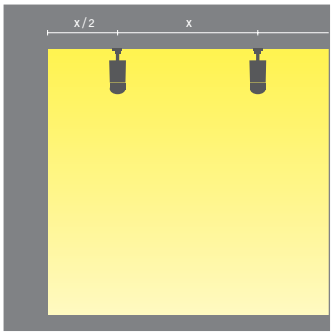


Traditional Wall Washer

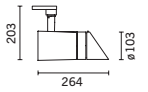
Correct installation

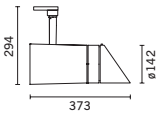
The table shows the correct installation distances for uniform lighting on the wall.



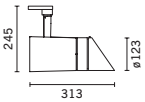


code	x max (m)	L (m)	h (m)
MR55 - MR56 MT74 - MT75	0,7	0,8	2,7
MR58 - MR59 - MR60 MT76 - MT77 - MT78	0,9	1	
MR64 - MT82	0,8		
MR61 - MR62 - MR63 MR67 - MR68 - MR69 MT79 - MT80 - MT81 MT83 - MT84 - MT85	1		





light source	W	lm	code colour
LED	Neutral white dimmable - CRI 80		
	19 W	1370	**MR55** 01-04
	Warm white dimmable - CRI 90		
	19 W	1080	**MR56** 01-04
	Neutral white DALI - CRI 80		
	19 W	1370	**MT74** 01-04
	Warm white DALI - CRI 90		
	19 W	1080	**MT75** 01-04
LED	Neutral white - CRI 80		
	47 W	5000	**MR67** 01-04
	Warm white - CRI 80		
	47 W	5000	**MR68** 01-04
	Warm white - CRI 90		
	55 W	4100	**MR69** 01-04
	Neutral white DALI - CRI 80		
	55 W	5000	**MT83** 01-04
	Warm white DALI - CRI 80		
	55 W	5000	**MT84** 01-04
	Warm white DALI - CRI 90		
	55 W	4100	**MT85** 01-04



light source	W	lm	code colour
LED	Neutral white dimmable - CRI 80		
	17 W	2000	**MR58** 01-04
	29 W	3000	**MR61** 01-04
	Warm white dimmable - CRI 80		
	17 W	2000	**MR59** 01-04
	29 W	3000	**MR62** 01-04
	Warm white dimmable - CRI 90		
	21 W	1700	**MR60** 01-04
	35 W	2500	**MR63** 01-04
	Neutral white DALI - CRI 80		
	17 W	2000	**MT76** 01-04
	30 W	3000	**MT79** 01-04
	Warm white DALI - CRI 80		
	17 W	2000	**MT77** 01-04
	30 W	3000	**MT80** 01-04
	Warm white DALI - CRI 90		
	21 W	1700	**MT78** 01-04
	35 W	2500	**MT81** 01-04
	Warm white - CRI>95		
	28 W	1300	**MR64** 01-04
	Warm white DALI - CRI>95		
	28 W	1300	**MT82** 01-04

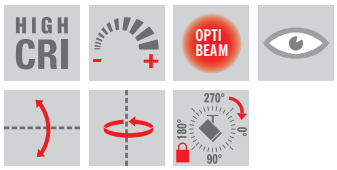
New Palco profiler

design Artec3 Studio

Features

IP20

- Installation on three-phase track.
- Made of die-cast aluminium.
- Inclination of +10° - 90° on horizontal plane and 360° rotation around the vertical axis, with mechanical aiming lock.
- Profiler has a ø 30 - ø 40 mm metal gobo and metal flaps for shaping and adjusting the shape of the light beam.
- All aiming, focusing and routine maintenance operations can be carried out without using tools.
- Possibility of ordering as accessories a set of diaphragms for the emission of circular light beams, measuring 8 mm and 40 mm, colored filters, customized gobo made of chemically or microlaser cut metal and 24x36 mm slides



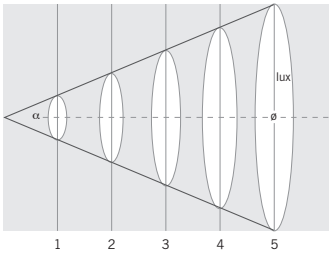
Focusing

Dimmer

Mechanical lock and graduated scale

Lighting design values

Photometric data refer to the Metal gobo (ø 30 and ø 40) supplied with the luminaire.

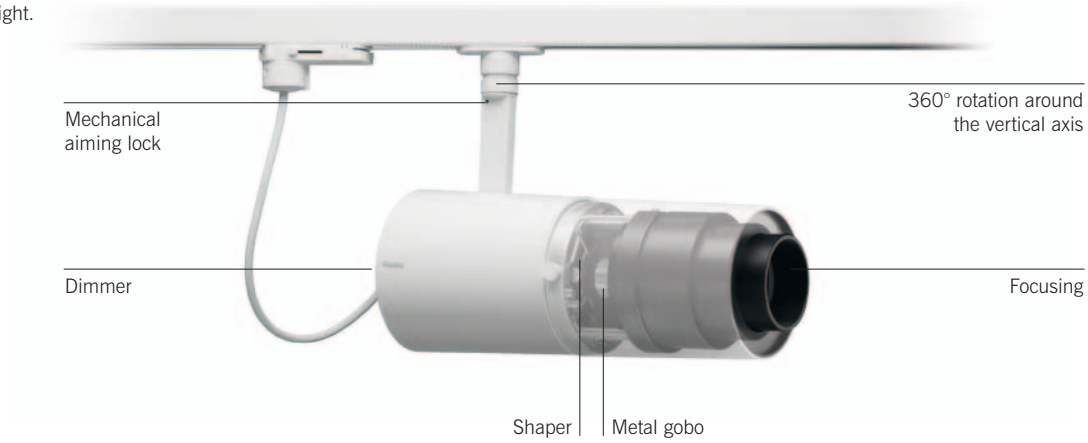


m	ø 30 (α =19)		ø 40 (α =26)	
	ø	lux	ø	lux
1	0,34	7702	0,45	6552
2	0,68	1926	0,91	1638
3	1,02	856	1,36	728
4	1,36	481	1,82	409
5	1,70	308	2,27	262

Palco profiler

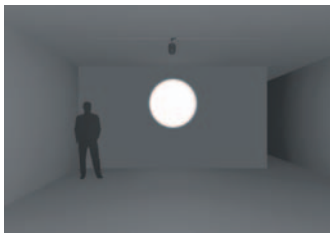
Components

Single-body compact shaper spotlight.
A telecentric optics system for maximum system efficiency.

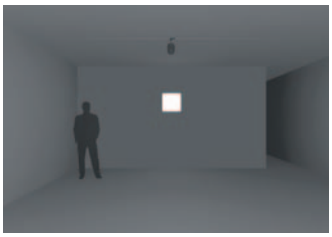


Lighting effect

Metal gobo
Available in two different diameters, it is integrated with the product to produce circular shapes.

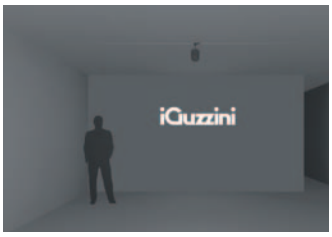


Shaper
Integrated in the product, for creating square or rectangular shapes with variable sides.

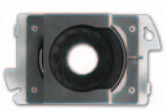


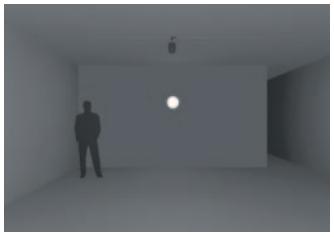
Slide
The accessory allows the use of slides.

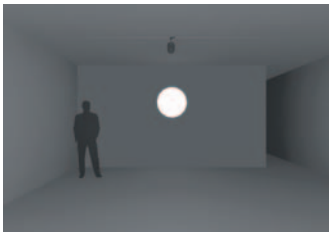
Customized Gobo
Ideal for producing text, logos or customized images (on request) on walls.

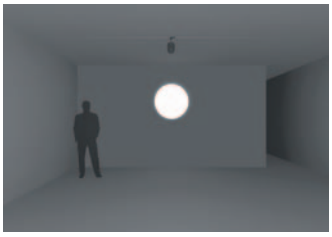


Iris
The accessory allows the creation of different sized circular light beams.





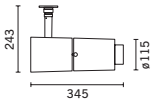




Palco profiler

No stray light

The Palco profiler's closed body guarantees that there are no reflections on the ceiling.



light source	W	lm	code colour
LED	Warm white dimmable - CRI 90		
	29 W	**2500**	**MR98** 01-04
	Warm white DALI		
	29 W	**2500**	**MT86** 01-04

Complete with ø 30 - ø 40 mm Metal gobo and Shaper

accessories

	code	colour
Support for slide 24x36	**MXQ0**	00
Support complete with iris	**MXQ1**	00

German National Museum - Nürnberg, Germany

Project: State Municipal Technical Department of Erlangen Nürnberg
Lighting project: LichtVision Berlin - Thomas Müller
Photo: Lothar Reichel

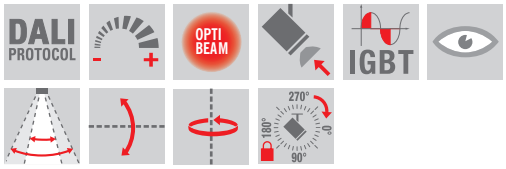
Sydecar

design Bruno Gecchelin

Features

IP20 (IP40 with optional glass)

- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Made of die-cast aluminium and thermoplastic material.
- Opti Beam interchanging reflectors with high luminous efficiency and uniform distribution.
- High visual comfort.
- Inclination of 90° on horizontal plane and 360° rotation around the vertical axis, with mechanical aiming lock.
- Spotlights with flood optics and lamps without reflectors have a manual focusing device for the light beam.
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.
- COB LED versions with passive dissipation.



Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

E - Elliptical*

WW - Wall Washer*

LED	39 - 55W
QR-CBC 51	50W
QT 12 ES	50 - 100W
HIT-CE	35W
HIT-TC-CE	35 - 70W

* The Elliptical and Wall Washer optics are obtained by fitting the appropriate accessory.

- LED COB
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	ENERGY SAVING	HIT-CE	ENERGY SAVING
3000	39W	3x50W	74%	-	-
5000	55W	-	-	70W	21%

(3000K) LED energy saving compared with conventional lamps

Sydecar

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.
The combination of filters allows the lamp color features to be changed, to make the most of the objects lit or the space. The use of screens eliminates possible glare or stray light, guaranteeing a high level of visual comfort.

Accessory-holder ring, which can hold up to three flat accessories

External accessories installation without tools

External accessories with rotation up to 360°

Accessory-holder ring

Refractor

Clear transparent filter 24

Red filter 05

Yellow filter 06

Sky blue filter 09

UV filter

IR filter

Warmtone filter

Coldtone filter

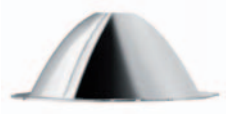
“Soft Lens” filter

Louvre

Wall washer screen

Antiglare screen

Directional flaps

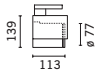


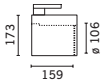
Interchangeable reflector

Sydecar

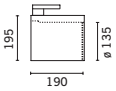
01
WHITE

74
GREY/BLACK





light source	W	lm	optic	code colour
QR CBC 51 (GU5,3)	Dimmable electronic			
	50 W 12 V			**6475** 01-74
QT 12 ES (GY6,35)	Dimmable electronic			
	50 W max 12 V		8°	**6476** 01-74
	50 W max 12 V		16°	**6477** 01-74
HIT-CE (PGJ5)	Electronic			
	35 W		10°	**6480** 01-74
	35 W		34°	**6481** 01-74
LED	Neutral white dimmable - CRI 80			
	39 W	3000	13°	**MN05** 01-74
	39 W	3000	28°	**MN06** 01-74
	39 W	3000	45°	**MN07** 01-74
	Warm white dimmable - CRI 80			
	39 W	3000	13°	**MN08** 01-74
	39 W	3000	28°	**MN09** 01-74
	39 W	3000	45°	**MN10** 01-74
	Warm white dimmable - CRI 90			
	39 W	2600	13°	**MP64** 01-74
	39 W	2600	28°	**MP65** 01-74
	39 W	2600	45°	**MP66** 01-74
QT 12 ES (GY6,35)	Dimmable electronic			
	100 W max 12 V		10°	**6482** 01-74
	100 W max 12 V		38°	**6483** 01-74
	DALI			
	100 W max 12 V		10°	**M290** 01-74
	100 W max 12 V		38°	**M291** 01-74
HIT-TC-CE (G8,5)	Electronic			
	35 W		8°	**6485** 01-74
	35 W		16°	**MD17** 01-74
	35 W		30°	**6486** 01-74
	35 W		48°	**MD18** 01-74
	50 W		8°	**MH61** 01-74
	50 W		16°	**MH62** 01-74
	50 W		30°	**MH63** 01-74
	50 W		48°	**MH64** 01-74
	70 W		10°	**6487** 01-74
	70 W		16°	**MD19** 01-74
	70 W		30°	**6488** 01-74
	70 W		48°	**MD20** 01-74



light source	W	lm	optic	code colour
LED	Neutral white - CRI 80			
	55 W	5000	14°	**MN11** 01-74
	55 W	5000	34°	**MN12** 01-74
	55 W	5000	48°	**MN13** 01-74
	Warm white - CRI 80			
	55 W	5000	14°	**MN14** 01-74
	55 W	5000	34°	**MN15** 01-74
	55 W	5000	48°	**MN16** 01-74
	Warm white - CRI 90			
	55 W	4180	14°	**MP67** 01-74
	55 W	4180	34°	**MP68** 01-74
	55 W	4180	48°	**MP69** 01-74

See your instruction manual for the exact number of accessories that may be installed

DALI spotlights are provided with a special adapter and are only compatible with iGuzzini DALI tracks.

Sydecar

accessories		ø 77		ø 106		ø 135	
		code	colour	code	colour	code	colour
	Refractor for elliptical distribution	**9538**	24	**2931** no for LED **MXB4** for versions LED	24 24	**MWY3**	24
	Coloured filters	**9536**	05-06-09 24	**2935** no for LED	05-06-09 24	**---**	---
	IR filter	**9541**	24	**2933** no for LED	24	**---**	---
	UV filter	**9516**	24	**9517** no for LED	24	**---**	---
	Warmtone filter	**2944**	24	**2945** no for LED	24	**---**	---
	Coldtone filter	**2947**	24	**2948** no for LED	24	**---**	---
	"Soft Lens" filter	**MWA3**	24	**MWA4** no for LED **MXD8** for versions LED	24 24	**MWM6**	24
	Louvre	**6828**	04	**6829** no for LED	04	**---**	---
	Wall washer screen complete with diffusing filter	**MW80** for 6477-6481	43-47-74	**MW81** for 6483-6486-6488-M291 MD18-MD20-MH63-MH64	43-47-74	**---**	---
	Antiglare screen	**6861**	47-74	**6862**	47-74	**6863**	47-74
	Directional flaps	**6831**	04	**6832**	04	**6833**	04
	Ceiling base	**8773**	01-04	**8773**	01-04	**8773**	01-04
	Ceiling base DALI	**---**	---	**MW30**	01-04	**---**	---
	Recessed base	**8902**	01-04	**8902**	01-04	**8902**	01-04
	Recessed base DALI Hole for installation 108 mm	**---**	---	**MW31**	01-04	**---**	---
	Cover for adapter IP40	**6854**	01-04	**6854**	01-04	**6854**	01-04
		code (α)	colour	code (α)	colour	code (α)	colour
	Interchangeable reflectors for LED						
	spot	**---**	---	**MXG8** (13°)	12	**MXH1** (14°)	12
	flood	**---**	---	**MXG9** (28°)	12	**MXH2** (34°)	12
	wide flood	**---**	---	**MXH0** (45°)	12	**MXH3** (48°)	12
	Interchangeable reflectors for discharge lamps						
	spot	**MWZ6** (10°)	12	**MXO0** (8°)	12	**---**	---
	medium	**MWZ7** (16°)	12	**MXO1** (16°)	12	**---**	---
	flood	**MWZ8** (34°)	12	**MXO2** (30°)	12	**---**	---
	wide flood	**MWZ9** (48°)	12	**MXO3** (48°)	12	**---**	---
	Interchangeable reflectors for QT 12 ES lamps						
	spot	**6840** (8°)	12	**6844** (10°)	12	**---**	---
	flood	**6841** (16°)	12	**6845** (38°)	12	**---**	---

Lux

design Gerhard Reichert

Good Design Award

Features

IP20 (IP40 with optional glass)

- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Made of die-cast aluminium and thermoplastic material.
- Opti Beam interchanging reflectors with high luminous efficiency and uniform distribution.
- High visual comfort.
- 360° rotation around the vertical axis; 360° rotation of the optical assembly via a continuous friction joint with mechanical aiming lock.
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.

Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

E - Elliptical*

QR-CBC 51	50W
QR 111	100W
QT 12 ES	50 - 100W
HIT-CE	70 - 100 - 150W
HIT-TC-CE	35 - 50 - 70W
HIR-111-CE	70W

* Elliptical optic is obtained by installing the respective accessory.

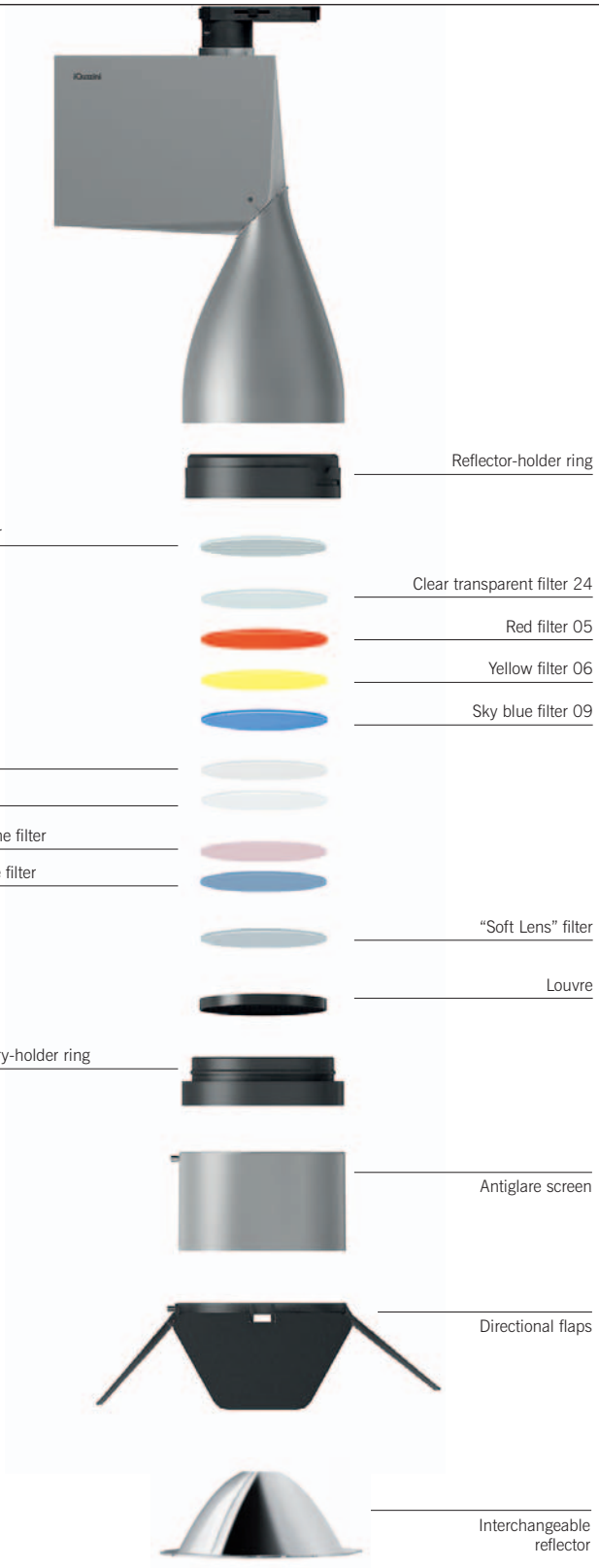
Lux

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.
The combination of filters allows the lamp color features to be changed, to make the most of the objects lit or the space. The use of screens eliminates possible glare or stray light, guaranteeing a high level of visual comfort.

Accessory-holder ring, which can hold up to three flat accessories

External accessories installation without tools

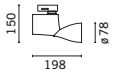
External accessories with rotation up to 360°



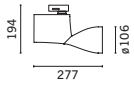
Lux

01
WHITE

74
GREY/BLACK



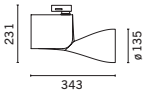
light source	W	optic	code colour
QR CBC 51 (GU5,3)	Dimmable electronic		
	50 W 12 V		**6398** 01-74
QT 12 ES (GY6,35)	Dimmable electronic		
	50 W max 12 V	8°	**6401** 01-74
	50 W max 12 V	26°	**6402** 01-74



light source	W	optic	code colour
QT 12 ES (GY6,35)	Dimmable electronic		
	100 W max 12 V	10°	**6409** 01-74
	100 W max 12 V	60°	**6410** 01-74
	DALI		
	100 W max 12 V	10°	**6460** 01-74
	100 W max 12 V	60°	**6461** 01-74
HIT-TC-CE (G8,5)	Electronic		
	35 W	8°	**6405** 01-74
	35 W	16°	**MD27** 01-74
	35 W	30°	**6406** 01-74
	35 W	52°	**MD28** 01-74
	50 W	8°	**MH77** 01-74
	50 W	16°	**MH78** 01-74
	50 W	30°	**MH79** 01-74
	50 W	52°	**MH80** 01-74
	70 W	10°	**6407** 01-74
	70 W	16°	**MD29** 01-74
	70 W	32°	**6408** 01-74
	70 W	52°	**MD30** 01-74

See your instruction manual for the exact number of accessories that may be installed

DALI spotlights are provided with a special adapter and are only compatible with iGuzzini DALI tracks.



light source	W	optic	code colour
QR 111 (G53)	Dimmable electronic		
	100 W 12 V		**6413** 01-74
	DALI		
	100 W 12 V		**6462** 01-74
HIR-111-CE (GX8,5)	Electronic		
	70 W		**6415** 01-74
HIT-CE (G12)	Electronic		
	70 W	8°	**6418** 01-74
	70 W	16°	**MD31** 01-74
	70 W	28°	**6419** 01-74
	70 W	42°	**MD32** 01-74
	100 W	8°	**MH81** 01-74
	100 W	16°	**MH82** 01-74
	100 W	28°	**MH83** 01-74
	100 W	42°	**MH84** 01-74
	150 W	12°	**6420** 01-74
	150 W	18°	**MD33** 01-74
	150 W	28°	**6421** 01-74
	150 W	40°	**MD34** 01-74

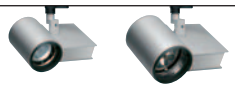
IP40 for optical assembly

Lux

accessories		ø78	ø106	ø135
		code colour	code colour	code colour
	Refractor for elliptical distribution	**9538** 24 for 6398-6401-6402	**2931** 24	**1192** 24 for 6418-6419-MD31
	Coloured filters	**9536** 05-06-09 24 for 6398-6401-6402	**2935** 05-06-09 24	**9537** 05-06-09 24 for 6418-6419-MD31
	IR filter	**9541** 24 for 6398-6401-6402	**2933** 24	**2934** 24 for 6418-6419 MD31-MD32
	UV filter	**9516** 24 for 6398-6401-6402	**9517** 24	**4498** 24 for 6418-6419-MD31
	Warmtone filter	**2944** 24 for 6398-6401-6402	**2945** 24	**2946** 24 for 6418-6419 MD31-MD32
	Coldtone filter	**2947** 24 for 6398-6401-6402	**2948** 24	**2949** 24 for 6418-6419 MD31-MD32
	"Soft Lens" filter	**MWA3** 24 for 6398-6401-6402	**MWA4** 24	**MWA5** 24 for 6418-6419 MD31-MD32
	Louvre	**6828** 24 for 6398-6401-6402	**6829** 04	**6830** 04 for 6418-6419 MD31-MD32
	Antiglare screen	**6861** 47-74	**6862** 47-74	**6863** 47-74
	Directional flaps	**6831** 04	**6832** 04	**6833** 04
	Accessory-holder ring	**9492** 04 for 6398-6401-6402	**9493** 04	**9495** 04
	Ceiling base	**8773** 01-04	**8773** 01-04	**8773** 01-04
	Ceiling base DALI	**---** ---	**MW30** 01-04	**MW30** 01-04
	Recessed base	**8902** 01-04	**8902** 01-04	**8902** 01-04
	Recessed base DALI Hole for installation 108 mm	**---** ---	**MW31** 01-04	**MW31** 01-04
	Cover for adapter IP40	**6854** 01-04	**6854** 01-04	**6854** 01-04
		code (α) colour	code (α) colour	code (α) colour
	Interchangeable reflectors for discharge lamps			
	spot	**---** ---	**MX13** (8°) 12	**MX17** (8°) 12-14
	medium	**---** ---	**MX14** (16°) 12	**MX18** (16°) 12-14
	flood	**---** ---	**MX15** (30°) 12	**MX19** (28°) 12-14
	wide flood	**---** ---	**MX16** (52°) 12	**MX20** (42°) 12-14 for HIT-CE 70/100 W
	spot	**---** ---	**---** ---	**MX44** (12°) 12-14
	medium	**---** ---	**---** ---	**MX45** (18°) 12-14
	flood	**---** ---	**---** ---	**MX46** (28°) 12-14
	wide flood	**---** ---	**---** ---	**MX47** (40°) 12-14 for HIT-CE 150 W
	Interchangeable reflectors for QT 12 ES lamps			
	spot	**8995** (8°) 12	**9189** (10°) 12	**---** ---
	flood	**8998** (26°) 12	**9190** (60°) 12	**---** ---

Express

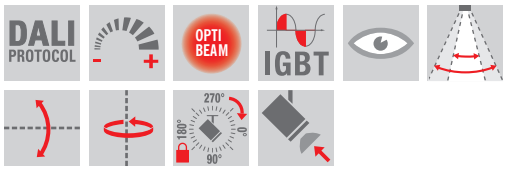
design Jean Michel Wilmotte



Features

IP20

- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Made of die-cast aluminium and thermoplastic material.
- Opti Beam interchanging reflectors with high luminous efficiency and uniform distribution.
- High visual comfort.
- Inclination of 90° on horizontal plane and 360° rotation around the vertical axis, with mechanical aiming lock.
- COB LED versions with active dissipation.



Active dissipation

Interchanging reflectors

Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

E - Elliptical*

LED	39 - 55W

* The Elliptical and Wall Washer optics are obtained by fitting the appropriate accessory.

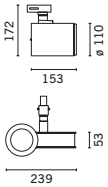
- LED **COB**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	ENERGY SAVING	HIT-CE	ENERGY SAVING
3000	39W	3x50W	74%	-	-
5000	55W	-	-	70W	21%

(3000K) LED energy saving compared with conventional lamps

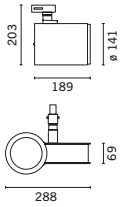
Express

74
GREY/BLACK



light source	W	lm	optic	code	colour
LED	Neutral white dimmable - CRI 80				
	39 W	3000	13°	**MK70**	74
	39 W	3000	28°	**MK71**	74
	39 W	3000	45°	**MK72**	74
	Warm white dimmable - CRI 80				
	39 W	3000	13°	**MK73**	74
	39 W	3000	28°	**MK74**	74
	39 W	3000	45°	**MK75**	74
	Warm white dimmable - CRI 90				
	39 W	2600	13°	**MP58**	74
	39 W	2600	28°	**MP59**	74
	39 W	2600	45°	**MP60**	74

See your instruction manual for the exact number of accessories that may be installed



light source	W	lm	optic	code	colour
LED	Neutral white - CRI 80				
	55 W	5000	14°	**MK76**	74
	55 W	5000	34°	**MK77**	74
	55 W	5000	48°	**MK78**	74
	Warm white - CRI 80				
	55 W	5000	14°	**MK79**	74
	55 W	5000	34°	**MK80**	74
	55 W	5000	48°	**MK81**	74
	Warm white - CRI 90				
	55 W	4180	14°	**MP61**	74
	55 W	4180	34°	**MP62**	74
	55 W	4180	48°	**MP63**	74

See your instruction manual for the exact number of accessories that may be installed

accessories

	code	colour	code	colour
Refractor for elliptical distribution	**MXB4**	24	**MWY3**	24
"Soft Lens" filter	**MXD8**	24	**MWM6**	24
Antiglare screen	**6862**	47-74	**6863**	47-74
Directional flaps	**6832**	04	**6833**	04
Ceiling base	**8773**	01-04	**---**	---
Recessed base Hole for installation 108 mm	**8902**	01-04	**---**	---
Cover for adapter IP40	**6854**	01-04	**6854**	01-04

	code (α)	colour	code (α)	colour
Interchangeable reflectors for LED				
spot	**MXG8**	(13°) 12	**MXH1**	(14°) 12
flood	**MXG9**	(28°) 12	**MXH2**	(34°) 12
wide flood	**MXH0**	(45°) 12	**MXH3**	(48°) 12

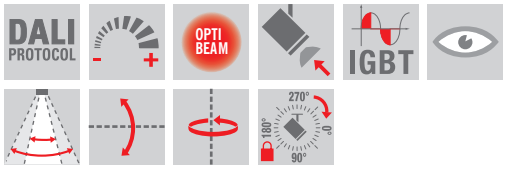
Tecnica

design Bruno Gecchelin

Features

IP20 (IP40 with optional glass)

- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Made of die-cast aluminium and thermoplastic material.
- Opti Beam interchanging reflectors with high luminous efficiency and uniform distribution.
- High visual comfort.
- Inclination of 90° on horizontal plane and 360° rotation around the vertical axis, with mechanical aiming lock.
- Spotlights with flood optics and lamps without reflectors have a manual focusing device for the light beam.
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.
- COB LED versions with passive dissipation.



Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

E - Elliptical*

WW - Wall Washer*

	LED	39 - 55W
	QR-CBC 51	50W
	QR 111	75 - 100W
	QT 12 ES	50W
	QT 32	150W
	HIR-111-CE	70W
	PAR 20	50W
	PAR 20S	100W
	HIT-CE	20 - 70 - 100 - 150W
	HIT-TC-CE	35W
	HST	100W

* The Elliptical and Wall Washer optics are obtained by fitting the appropriate accessory.

- **LED COB**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	ENERGY SAVING	HIT-CE	ENERGY SAVING
3000	39W	3x50W	74%	-	-
5000	55W	-	-	70W	21%

(3000K) LED energy saving compared with conventional lamps

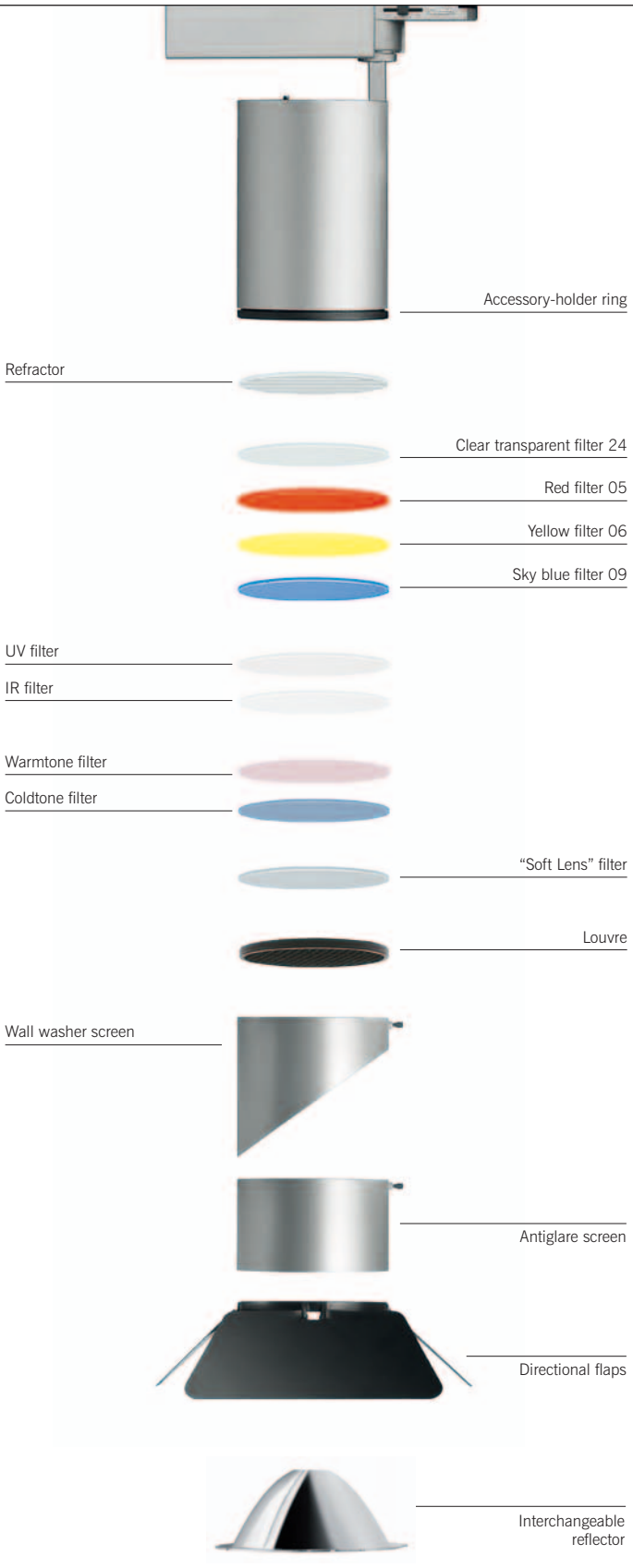
Tecnica

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.
The combination of filters allows the lamp color features to be changed, to make the most of the objects lit or the space. The use of screens eliminates possible glare or stray light, guaranteeing a high level of visual comfort.

Accessory-holder ring, which can hold up to three flat accessories

External accessories installation without tools

External accessories with rotation up to 360°



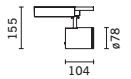
Tecnica

01
WHITE

04
BLACK

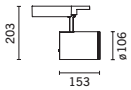
15
GREY

74
GREY/BLACK



light source	W	lm	optic	code colour
QR CBC 51 (GU5,3)	Dimmable electronic			
	50 W 12 V			**6336** 01-04-15
QT 12 ES (GY6,35)	Dimmable electronic			
	50 W max 12 V		8°	**6341** 01-04-15
	50 W max 12 V		16°	**6342** 01-04-15
HIT-CE (PGJ5)	Electronic			
	20 W		10°	**6337** 01-04-15
	20 W		34°	**6338** 01-04-15

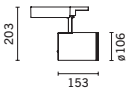
IP40 for optical assembly



LED	Neutral white dimmable - CRI 80			
	39 W	3000	11°	**MK58** 01-04-15
	39 W	3000	30°	**MK59** 01-04-15
	39 W	3000	46°	**MK60** 01-04-15
	Warm white dimmable - CRI 80			
	39 W	3000	11°	**MK61** 01-04-15
	39 W	3000	30°	**MK62** 01-04-15
	39 W	3000	46°	**MK63** 01-04-15
	Warm white dimmable - CRI 90			
	39 W	2600	11°	**MN34** 01-04-15
	39 W	2600	30°	**MN35** 01-04-15
	39 W	2600	46°	**MN36** 01-04-15
	Neutral white DALI - CRI 80			
	39 W	3000	11°	**MK64** 01-04-15
	39 W	3000	30°	**MK65** 01-04-15
	39 W	3000	46°	**MK66** 01-04-15
	Warm white DALI - CRI 80			
	39 W	3000	11°	**MK67** 01-04-15
	39 W	3000	30°	**MK68** 01-04-15
	39 W	3000	46°	**MK69** 01-04-15
	Warm white DALI - CRI 90			
	39 W	2600	11°	**MN37** 01-04-15
	39 W	2600	30°	**MN38** 01-04-15
	39 W	2600	46°	**MN39** 01-04-15

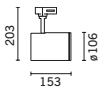
See your instruction manual for the exact number of accessories that may be installed

DALI spotlights are provided with a special adapter and are only compatible with iGuzzini DALI tracks.



light source	W	lm	optic	code colour
QT 12 ES (GY6,35)	Dimmable electronic			
	100 W max 12 V		10°	**6347** 01-04-15
	100 W max 12 V		38°	**6348** 01-04-15
	DALI			
	100 W max 12 V		10°	**6428** 01-04-15
	100 W max 12 V		38°	**6429** 01-04-15
HIT-TC-CE (G8,5)	Electronic			
	35 W		8°	**6343** 01-04-15
	35 W		16°	**MC91** 01-04-15
	35 W		30°	**6344** 01-04-15
	35 W		50°	**MC92** 01-04-15
	50 W		8°	**MH53** 01-04-15
	50 W		16°	**MH54** 01-04-15
	50 W		30°	**MH55** 01-04-15
	50 W		50°	**MH56** 01-04-15
	70 W		10°	**6345** 01-04-15
	70 W		16°	**MC93** 01-04-15
	70 W		30°	**6346** 01-04-15
	70 W		50°	**MC94** 01-04-15

IP40 for optical assembly



PAR 20 (E27)	50 W			**6349** 01-04-74

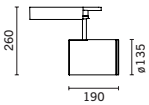
Tecnica

01
WHITE

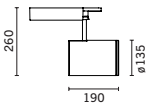
04
BLACK

15
GREY

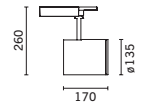
74
GREY/BLACK

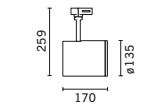


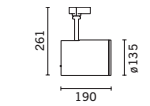
light source	W	lm	optic	code colour
LED	Neutral white - CRI 80			
	55 W	5000	15°	**ML01** 01-04-15
	55 W	5000	35°	**ML02** 01-04-15
	55 W	5000	48°	**ML03** 01-04-15
	Warm white - CRI 80			
	55 W	5000	15°	**ML04** 01-04-15
	55 W	5000	35°	**ML05** 01-04-15
	55 W	5000	48°	**ML06** 01-04-15
	Warm white - CRI 90			
	55 W	4180	15°	**MN40** 01-04-15
	55 W	4180	35°	**MN41** 01-04-15
	55 W	4180	48°	**MN42** 01-04-15
	Neutral white DALI - CRI 80			
	55 W	5000	15°	**MM24** 01-04-15
	55 W	5000	35°	**MM25** 01-04-15
	55 W	5000	48°	**MM26** 01-04-15
	Warm white DALI - CRI 80			
	55 W	5000	15°	**MM27** 01-04-15
	55 W	5000	35°	**MM28** 01-04-15
	55 W	5000	48°	**MM29** 01-04-15
	Warm white DALI - CRI 90			
	55 W	4180	15°	**MN43** 01-04-15
	55 W	4180	35°	**MN44** 01-04-15
	55 W	4180	48°	**MN45** 01-04-15



HIT-CE (G12)	Electronic			
	70 W		10°	**6357** 01-04-15
	70 W		16°	**MC95** 01-04-15
	70 W		30°	**6358** 01-04-15
	70 W		48°	**MC96** 01-04-15
	100 W		10°	**MH57** 01-04-15
	100 W		16°	**MH58** 01-04-15
	100 W		30°	**MH59** 01-04-15
	100 W		48°	**MH60** 01-04-15
	150 W		12°	**6359** 01-04-15
	150 W		18°	**MC97** 01-04-15
	150 W		30°	**6360** 01-04-15
	150 W		46°	**MC98** 01-04-15
	IP40 for optical assembly (no for 6357-6358)			
HST (GX12-1)	Electronic			
	100 W		10°	**6355** 01-04-15
	100 W		16°	**MC99** 01-04-15
	100 W		30°	**6356** 01-04-15
	100 W		46°	**MD00** 01-04-15





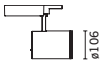
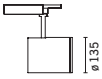


light source	W	optic	code colour
QR 111 (G53)	Dimmable electronic		
	75/100 W 12 V		**6350** 01-04-15
	DALI		
	100 W 12 V		**6430** 01-04-15
HIR-111-CE (GX8,5)	Electronic		
	70 W		**6351** 01-04-15
PAR 30S (E27)	100 W		**6352** 01-04-74
QT 32 (E27)	150 W	22°	**6353** 01-04-74
	150 W	56°	**6354** 01-04-74

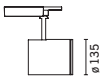
See your instruction manual for the exact number of accessories that may be installed

DALI spotlights are provided with a special adapter and are only compatible with iGuzzini DALI tracks.

Tecnica

accessories			
	code colour	code colour	code colour
Refractor for elliptical distribution	**9538** 24	**2931** 24 no for LED **MXB4** 24 for versions LED	**2932** 24 no for LED - HIR-111-CE HIT-CE **1192** 24 for HIT-CE **MWY3** 24 for versions LED
Coloured filters	**9536** 05-06-09 24	**2935** 05-06-09 24 no for LED	**2943** 05-06-09 24 no for HIR-111-CE - HIT-CE **9537** 05-06-09 24 for HIT-CE
IR filter	**9541** 24	**2933** 24 no for LED	**2934** 24 no for LED - HIR-111-CE
UV filter	**9516** 24	**9517** 24 no for LED	**9518** 24 no for LED - HIR-111-CE HIT-CE **4498** 24 for HIT-CE
Warmtone filter	**2944** 24	**2945** 24 no for LED	**2946** 24 no for LED - HIR-111-CE
Coldtone filter	**2947** 24	**2948** 24 no for LED	**2949** 24 no for LED - HIR-111-CE
“Soft Lens” filter	**MWA3** 24	**MWA4** 24 no for LED **MXD8** 24 for versions LED	**MWA5** 24 no for LED - HIR-111-CE **MWM6** 24 for versions LED
Louvre	**6828** 04	**6829** 04 no for LED	**6830** 04 for PAR 30S - QT 32
Wall washer screen complete with diffusing filter	**MW80** 43-47-74 for 6338-6342	**MW81** 43-47-74 for 6344-6346-6348 6429-MC92-MC94	**MW82** 43-47-74 for 6354-6356-6358 6360-MC96-MC98 MD00-MH59-MH60
Antiglare screen	**6861** 04-47-74	**6862** 04-47-74	**6863** 04-47-74
Directional flaps	**6831** 04	**6832** 04	**6833** 04
Ceiling base	**---** ---	**8773** 01-04 for PAR 20	**8773** 01-04 for PAR 30S - QT 32
Recessed base Hole for installation 108 mm	**---** ---	**8902** 01-04 for PAR 20	**8902** 01-04 for PAR 30S - QT 32
Cover for adapter IP40	**6854** 01-04	**6854** 01-04	**6854** 01-04

Tecnica

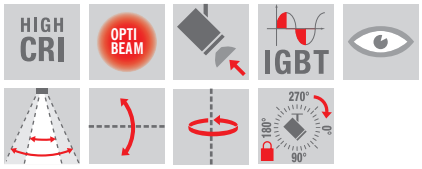
accessories			
	code (α) colour	code (α) colour	code (α) colour
Interchangeable reflectors for LED			
spot	--- ---	**MXG8** (11°) 12	**MXH1** (15°) 12
flood	--- ---	**MXG9** (30°) 12	**MXH2** (35°) 12
wide flood	--- ---	**MXH0** (46°) 12	**MXH3** (48°) 12
Interchangeable reflectors for discharge lamps			
superspot	--- ---	--- ---	**MX04** (6°) 12-14
spot	**MWZ6** (10°) 12	**MX00** (8°) 12	**MX05** (10°) 12-14
medium	**MWZ7** (16°) 12	**MX01** (16°) 12	**MX06** (16°) 12-14
flood	**MWZ8** (34°) 12	**MX02** (30°) 12	**MX07** (30°) 12-14
wide flood	**MWZ9** (50°) 12	**MX03** (50°) 12	**MX08** (48°) 12-14 for HIT-CE 70/100 W - HST
superspot	--- ---	--- ---	**MX39** (6°) 12-14
spot	--- ---	--- ---	**MX40** (12°) 12-14
medium	--- ---	--- ---	**MX41** (18°) 12-14
flood	--- ---	--- ---	**MX42** (30°) 12-14
wide flood	--- ---	--- ---	**MX43** (46°) 12-14 for HIT-CE 150 W
Interchangeable reflectors for halogen lamp			
spot	**6840** (8°) 12	**6844** (10°) 12	**6846** (22°) 12
flood	**6841** (16°) 12 for QT12 ES	**6845** (38°) 12 for QT12 ES (6347-6348)	**6847** (56°) 12 for QT32

Front Light

Features

IP20 (IP40 with optional glass)

- Installation on three-phase track and on a ceiling-mounted base.
- Made of die-cast aluminium and thermoplastic material.
- Opti Beam interchanging reflectors with high luminous efficiency and uniform distribution.
- High visual comfort.
- Inclination of 90° on horizontal plane and 360° rotation around the vertical axis, with mechanical aiming lock.
- Spotlights with flood optics and lamps without reflectors have a manual focusing device for the light beam.
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.
- COB LED versions with passive dissipation.



Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

LED	25 - 33 - 37 - 55W	HIT-CE	35 - 70W
QR 111	75W	HIT-TC-CE	35 - 50 - 70W
HIT-CE	20 - 35 - 50W	HIR-111-CE	35 - 70W

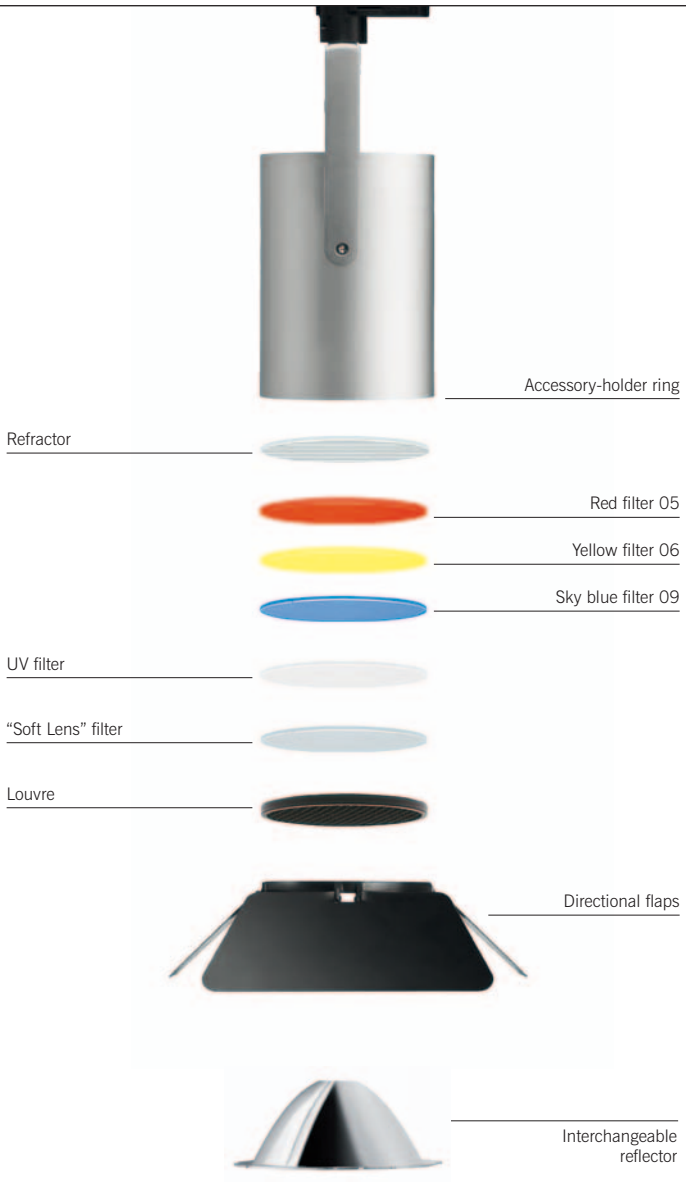
- **LED COB**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51		HIT-CE	
2300	25W	2x50W	75%	-	-
3000	33W	-	-	35W	-
5000	55W	-	-	70W	21%

(3000K) LED energy saving compared with conventional lamps

Front Light

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.
The combination of filters allows the lamp color features to be changed, to make the most of the objects lit or the space.



External accessories installation without tools

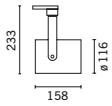
External accessories with rotation up to 360°

Front Light

01
WHITE

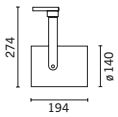
04
BLACK

74
GREY/BLACK



light source	W	lm	optic	code colour
LED	Neutral white			
	25W	2300	12°	**MB30** 01-04-74
	25W	2300	26°	**MB31** 01-04-74
	25W	2300	46°	**MB32** 01-04-74
	37W	3000	12°	**MK95** 01-04-74
	37W	3000	26°	**MK96** 01-04-74
	37W	3000	46°	**MK97** 01-04-74
	Warm white			
	25W	2300	12°	**MB33** 01-04-74
	25W	2300	26°	**MB34** 01-04-74
	25W	2300	46°	**MB35** 01-04-74
	37W	3000	12°	**MK98** 01-04-74
	37W	3000	26°	**MK99** 01-04-74
	37W	3000	46°	**ML00** 01-04-74
	Warm white - CRI>90			
	25W	1700	12°	**MN46** 01-04-74
	25W	1700	26°	**MN47** 01-04-74
	25W	1700	46°	**MN48** 01-04-74
	37W	2600	12°	**MN52** 01-04-74
	37W	2600	26°	**MN53** 01-04-74
	37W	2600	46°	**MN54** 01-04-74
HIT-CE (GU6,5)	Electronic			
	20W		6°	**M922** 01-04-74
	20W		16°	**MD37** 01-04-74
	20W		30°	**M923** 01-04-74
	20W		46°	**MD38** 01-04-74
	35W		8°	**M924** 01-04-74
	35W		16°	**MD39** 01-04-74
	35W		30°	**M925** 01-04-74
	35W		46°	**MD40** 01-04-74
	50W		8°	**MT26** 01-04-74
	50W		16°	**MT27** 01-04-74
	50W		30°	**MT28** 01-04-74
	50W		46°	**MT29** 01-04-74

See your instruction manual for the exact number of accessories that may be installed



light source	W	lm	optic	code colour
LED	Neutral white			
	33W	3000	14°	**MB36** 01-04-74
	33W	3000	30°	**MB37** 01-04-74
	33W	3000	46°	**MB38** 01-04-74
	55W	5000	14°	**MK82** 01-04-74
	55W	5000	30°	**MK83** 01-04-74
	55W	5000	46°	**MK84** 01-04-74
	Warm white			
	33W	3000	14°	**MB39** 01-04-74
	33W	3000	30°	**MB40** 01-04-74
	33W	3000	46°	**MB41** 01-04-74
	55W	5000	14°	**MK85** 01-04-74
	55W	5000	30°	**MK86** 01-04-74
	55W	5000	46°	**MK87** 01-04-74
	Warm white - CRI>90			
	33W	2600	14°	**MN49** 01-04-74
	33W	2600	30°	**MN50** 01-04-74
	33W	2600	46°	**MN51** 01-04-74
	55W	4400	14°	**MN55** 01-04-74
	55W	4400	30°	**MN56** 01-04-74
	55W	4400	46°	**MN57** 01-04-74
QR 111 (G53)	Dimmable electronic			
	75W 12V			**MB17** 01-04-74
HIR-111-CE (GX8,5)	Electronic			
	35W			**MB18** 01-04-74
	70W			**MB19** 01-04-74
HIT-TC-CE (G8,5)	Electronic High-efficiency reflector			
	35W		8°	**M926** 01-04-74
	35W		20°	**MD41** 01-04-74
	35W		36°	**M927** 01-04-74
	35W		54°	**MD42** 01-04-74
	50W		8°	**MH85** 01-04-74
	50W		20°	**MH86** 01-04-74
	50W		36°	**MH87** 01-04-74
	50W		54°	**MH88** 01-04-74
	70W		8°	**M928** 01-04-74
	70W		20°	**MD43** 01-04-74
	70W		36°	**M929** 01-04-74
	70W		54°	**MD44** 01-04-74
HIT-CE (G12)	Electronic			
	35W		8°	**M930** 01-04-74
	35W		14°	**MD45** 01-04-74
	35W		28°	**M931** 01-04-74
	35W		46°	**MD46** 01-04-74
	70W		10°	**M932** 01-04-74
	70W		16°	**MD47** 01-04-74
	70W		28°	**M933** 01-04-74
	70W		46°	**MD48** 01-04-74

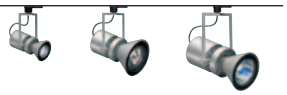
See your instruction manual for the exact number of accessories that may be installed

Front Light

accessories					
		code	colour	code	colour
	Refractor for elliptical distribution	**MWD6**	24	**MWY3**	24
	Coloured filters	**MWY4**	05-06-09	**MWY5**	05-06-09
	UV filter	**MWY6**	24	**MWY7**	24
	“Soft Lens” filter	**MWN5**	24	**MWM6**	24
	Louvre	**MWY8**	04	**MWY9**	04
	Antiglare screen	**MWN7**	04	**MWN8**	04
	Ceiling base	**8773**	01-04	**8773**	01-04
	Recessed base Hole for installation 108 mm	**8902**	01-04	**8902**	01-04
	Cover for adapter IP40	**6854**	01-04	**6854**	01-04
		code (α)	colour	code (α)	colour
	Interchangeable reflectors for LED				
	spot	**MWZ0**	(18°) 12	**MWZ3**	(12°) 12
	medium	**MWZ1**	(28°) 12	**MWZ4**	(30°) 12
	flood	**MWZ2**	(48°) 12	**MWZ5**	(39°) 12
	Interchangeable reflectors for HIT-CE lamps				
	spot	**MX21**	(6°) 12	**MX29**	(8°) 12
	medium	**MX22**	(16°) 12	**MX30**	(14°) 12
	flood	**MX23**	(30°) 12	**MX31**	(28°) 12
	wide flood	**MX24**	(46°) 12	**MX32**	(46°) 12
	Interchangeable reflectors for HIT-TC-CE lamps				
	spot	**---**	---	**MX25**	(8°) 12
	medium	**---**	---	**MX26**	(20°) 12
	flood	**---**	---	**MX27**	(36°) 12
	wide flood	**---**	---	**MX28**	(54°) 12

Le Perroquet

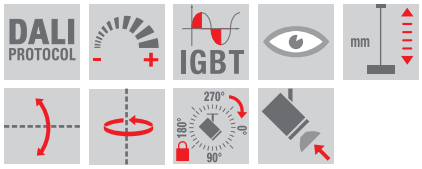
design Piano Design



Features

IP20 (IP40 with optional glass)

- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Made of die-cast aluminium and thermoplastic material.
- High visual comfort.
- Inclination of 90° on horizontal plane and 360° rotation around the vertical axis, with mechanical aiming lock.
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.
- Pendant versions with cables equipped with millimetric regulation system.
- COB LED versions with passive dissipation.

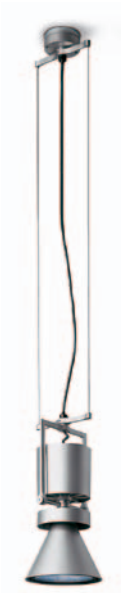


Versions

Le Perroquet is available in versions:
- wall/ceiling-mounted
- track suspension
- suspension with base
- indirect light

wall/ceiling-mounted

track suspension



suspension with base

indirect light

Le Perroquet

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.
The combination of filters allows the lamp color features to be changed, to make the most of the objects lit or the space. The use of screens eliminates possible glare or stray light, guaranteeing a high level of visual comfort.

Refractor

Clear transparent filter 24

Red filter 05

Yellow filter 06

Sky blue filter 09

UV filter

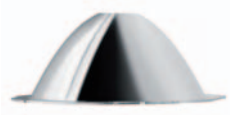
IR filter

Asymmetrical screen

Directional flaps

External accessories installation without tools

External accessories with rotation up to 360°

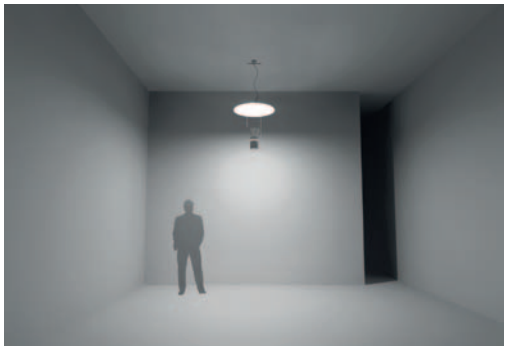


Interchangeable reflector

Le Perroquet

Indirect light

The optic controlled by a flow conveyor directs the light towards a reflective panel, providing soft, reflected light.



Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

E - Elliptical*

LED	39 - 44W
QR-CBC 51	50W
QR 111	50 - 75W
QT 12 ES	100W
HIT-CE	70 - 150W

* Elliptical optic is obtained by installing the respective accessory.

- LED **COB**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	ENERGY SAVING	HIT-CE	ENERGY SAVING
3000	30W	3x50W	80%	-	-
4200	38W	-	-	70W	46%

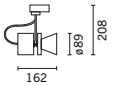
(3000K) LED energy saving compared with conventional lamps

Le Perroquet

01
WHITE

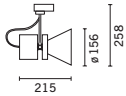
74
GREY/BLACK

spot



light source	W	lm	optic	code colour
QR CBC 51 (GU5,3)	Dimmable electronic			
	50 W 12 V			**4870** 01-74

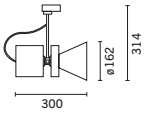
Compatible with Decostar IRC OSRAM



light source	W	lm	optic	code colour
LED	Neutral white dimmable - CRI 80			
	30 W	3000	20°	**MR19** 01-74
	30 W	3000	36°	**MR20** 01-74
	30 W	3000	48°	**MR21** 01-74
	Warm white dimmable - CRI 80			
	30 W	3000	20°	**MR22** 01-74
	30 W	3000	36°	**MR23** 01-74
	30 W	3000	48°	**MR24** 01-74
	Warm white dimmable - CRI 90			
	30 W	2600	20°	**MR25** 01-74
	30 W	2600	36°	**MR26** 01-74
	30 W	2600	48°	**MR27** 01-74
	Neutral white DALI - CRI 80			
	17 W	2000	20°	**MR28** 01-74
	17 W	2000	36°	**MR29** 01-74
	17 W	2000	48°	**MR30** 01-74
	Warm white DALI - CRI 80			
	17 W	2000	20°	**MR31** 01-74
	17 W	2000	36°	**MR32** 01-74
	17 W	2000	48°	**MR33** 01-74
	Warm white DALI - CRI 90			
	17 W	1600	20°	**MR34** 01-74
	17 W	1600	36°	**MR35** 01-74
	17 W	1600	48°	**MR36** 01-74
QR 111 (G53)	Dimmable electronic			
	50 W 12 V			**4871** 01-74
	75 W 12 V			**4872** 01-74
QT 12 ES (GY6,35)	Dimmable electronic			
	100 W max 12 V		10°	**4873** 01-74
	100 W max 12 V		32°	**4874** 01-74
	DALI			
	100 W max 12 V		10°	**4812** 01-74
	100 W max 12 V		32°	**4813** 01-74

IP40 for optical assembly
Complete with safety glass and spill-ring

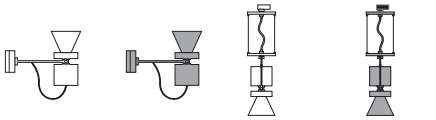
DALI spotlights are provided with a special adapter and are only compatible with iGuzzini DALI tracks.



light source	W	lm	optic	code colour
LED	Neutral white - CRI 80			
	38 W	4200	18°	**MT98** 01-74
	38 W	4200	32°	**MT99** 01-74
	38 W	4200	42°	**MU00** 01-74
	Warm white - CRI 80			
	38 W	4200	18°	**MU01** 01-74
	38 W	4200	32°	**MU02** 01-74
	38 W	4200	42°	**MU03** 01-74
	Warm white - CRI 90			
	38 W	3800	18°	**MU04** 01-74
	38 W	3800	32°	**MU05** 01-74
	38 W	3800	42°	**MU06** 01-74
	Neutral white DALI - CRI 80			
	38 W	4200	18°	**MU07** 01-74
	38 W	4200	32°	**MU08** 01-74
	38 W	4200	42°	**MU09** 01-74
	Warm white DALI - CRI 80			
	38 W	4200	18°	**MU10** 01-74
	38 W	4200	32°	**MU11** 01-74
	38 W	4200	42°	**MU12** 01-74
	Warm white DALI - CRI 90			
	38 W	3800	18°	**MU13** 01-74
	38 W	3800	32°	**MU14** 01-74
	38 W	3800	42°	**MU15** 01-74
HIT-CE (G12)	Electronic			
	70 W		18°	**4826** 01-74
	70 W		40°	**4827** 01-74

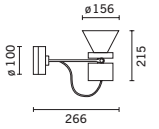
IP40 for optical assembly
Complete with safety glass and power factor correction capacitor

Le Perroquet



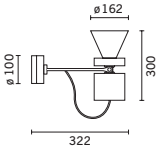
01 WHITE | 15 GREY | 01 WHITE | 74 GREY/BLACK

wall/ceiling-mounted



light source	W	lm	optic	code colour
LED	Neutral white dimmable - CRI 80			
	30W	3000	20°	**MR01** 01-15
	30W	3000	36°	**MR02** 01-15
	30W	3000	48°	**MR03** 01-15
	Warm white dimmable - CRI 80			
	30W	3000	20°	**MR04** 01-15
	30W	3000	36°	**MR05** 01-15
	30W	3000	48°	**MR06** 01-15
	Warm white dimmable - CRI 90			
	30W	2600	20°	**MR07** 01-15
	30W	2600	36°	**MR08** 01-15
	30W	2600	48°	**MR09** 01-15
QR 111 (G53)	Dimmable electronic			
	50W 12V			**4900** 01-15
	75W 12V			**4901** 01-15
QT12 ES (GY6,35)	Dimmable electronic			
	100W max 12V		10°	**4902** 01-15
	100W max 12V		32°	**4903** 01-15
	100W max 12V		52°	**4916** 01-15

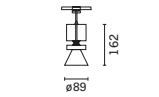
IP40
Complete with safety glass and spill-ring



light source	W	lm	optic	code colour
LED	Neutral white - CRI 80			
	38W	4200	18°	**MR10** 01-15
	38W	4200	32°	**MR11** 01-15
	38W	4200	42°	**MR12** 01-15
	Warm white - CRI 80			
	38W	4200	18°	**MR13** 01-15
	38W	4200	32°	**MR14** 01-15
	38W	4200	42°	**MR15** 01-15
	Warm white - CRI 90			
	38W	3800	18°	**MR16** 01-15
	38W	3800	32°	**MR17** 01-15
	38W	3800	42°	**MR18** 01-15
HIT-CE (G12)	Electronic			
	70W		18°	**4923** 01-15
	70W		40°	**4924** 01-15

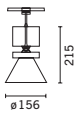
IP40
Complete with safety glass and
power factor correction capacitor

track suspension



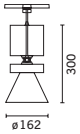
light source	W	lm	optic	code colour
QR CBC 51 (GU5,3)	Dimmable electronic			
	50W 12V			**3231** 01-74

Complete with suspension cables L=2000
(h max 2257), track adapter and power cable.
Compatible with Decostar IRC OSRAM.



light source	W	lm	optic	code colour
LED	Neutral white dimmable - CRI 80			
	30W	3000	20°	**MP88** 01-74
	30W	3000	36°	**MP89** 01-74
	30W	3000	48°	**MP90** 01-74
	Warm white dimmable - CRI 80			
	30W	3000	20°	**MP91** 01-74
	30W	3000	36°	**MP92** 01-74
	30W	3000	48°	**MP93** 01-74
	Warm white dimmable - CRI 90			
	30W	2600	20°	**MP94** 01-74
	30W	2600	36°	**MP95** 01-74
	30W	2600	48°	**MP96** 01-74
QR 111 (G53)	Dimmable electronic			
	50W 12V			**3232** 01-74
	75W 12V			**3233** 01-74
	DALI			
	75W 12V			**3236** 01-74

Complete with suspension cables L=2000
(h max 2313), track adapter and power cable.
DALI spotlights are provided with a special adapter
and are only compatible with iGuzzini DALI tracks



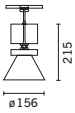
light source	W	lm	optic	code colour
LED	Neutral white - CRI 80			
	38W	4200	18°	**MP97** 01-74
	38W	4200	32°	**MP98** 01-74
	38W	4200	42°	**MP99** 01-74
	Warm white - CRI 80			
	38W	4200	18°	**MQ00** 01-74
	38W	4200	32°	**MQ01** 01-74
	38W	4200	42°	**MQ02** 01-74
	Warm white - CRI 90			
	38W	3800	18°	**MQ03** 01-74
	38W	3800	32°	**MQ04** 01-74
	38W	3800	42°	**MQ05** 01-74
HIT-CE (G12)	Electronic			
	70W		18°	**3252** 01-74
	70W		40°	**3253** 01-74

IP40 for optical assembly
Complete with safety glass, power factor correction
capacitor, suspension cables, L=2000 (h max 2402),
track adapter and power cable.

Le Perroquet

15
GREY

suspension with base

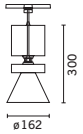


light source	W	lm	optic	code colour
QR CBC 51 (GU5,3)	Dimmable electronic			
	50 W 12 V			**3151** 15

Complete with suspension cables L=2000 (h max 2216), base and power supply cable.
Compatible with Decostar IRC OSRAM

light source	W	lm	optic	code colour
LED	Neutral white dimmable - CRI 80			
	30 W	3000	20°	**MP70** 15
	30 W	3000	36°	**MP71** 15
	30 W	3000	48°	**MP72** 15
	Warm white dimmable - CRI 80			
	30 W	3000	20°	**MP73** 15
	30 W	3000	36°	**MP74** 15
	30 W	3000	48°	**MP75** 15
	Warm white dimmable - CRI 90			
	30 W	2600	20°	**MP76** 15
	30 W	2600	36°	**MP77** 15
	30 W	2600	48°	**MP78** 15
QR 111 (G53)	Dimmable electronic			
	50 W 12 V			**3152** 15
	75 W 12 V			**3153** 15

Complete with suspension cables L=2000 (h max 2321), base and power supply cable.



light source	W	lm	optic	code colour
LED	Neutral white - CRI 80			
	38 W	4200	18°	**MP79** 15
	38 W	4200	32°	**MP80** 15
	38 W	4200	42°	**MP81** 15
	Warm white - CRI 80			
	38 W	4200	18°	**MP82** 15
	38 W	4200	32°	**MP83** 15
	38 W	4200	42°	**MP84** 15
	Warm white - CRI 90			
	38 W	3800	18°	**MP85** 15
	38 W	3800	32°	**MP86** 15
	38 W	3800	42°	**MP87** 15
HIT-CE (G12)	Electronic			
	70 W		16°	**3160** 15
	70 W		40°	**3161** 15

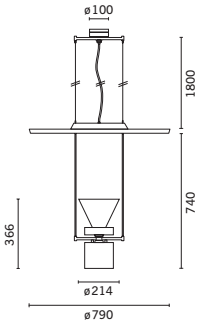
IP40
Complete with safety glass, power factor correction capacitor, suspension cables L=2000 (h max 2411), base and power cable.

indirect light

light source	W	code colour
HIT-CE (G12)	Electronic	
	150 W	**3150** 15

Equipped with safety glass, power factor correction capacitor, flux conveyor, suspension cables, base and power supply cable.

This version only allows installation of colored filters 8784.



Le Perroquet

accessories

	ø89 code	ø89 colour	ø156 code	ø156 colour	ø162 code	ø162 colour	ø214 code	ø214 colour
Refractor for elliptical distribution	**9538**	24	**9539**	24	**9540**	24	---	---
Coloured filters	**9536**	05-06-09 24	**8782**	05-06-09 24	**9537**	05-06-09	**8784**	05-06-09
IR filter	**9541**	24	**8786**	24	---	---	---	---
UV filter	---	---	---	---	**9542**	24	---	---
Asymmetrical screen	**9532**	01-15	**9533**	01-15	**9534**	01-15	---	---
Antiglare screen	**9528**	04	**9529**	04	**9530**	04	---	---
Spill-ring	---	---	---	---	**9513**	04	---	---

	ø89 code	ø89 colour	ø156 code	ø156 colour	ø162 code	ø162 colour	ø214 code	ø214 colour
Interchangeable reflectors for LED								
medium	---	---	**MXH9** (20°)	12	**MXI2** (18°)	12	---	---
flood	---	---	**MXI0** (36°)	12	**MXI3** (22°)	12	---	---
wide flood	---	---	**MXI1** (48°)	12	**MXI4** (42°)	12	---	---

accessories for versions with adapter for track

	ø89 code	ø89 colour	ø156 code	ø156 colour	ø162 code	ø162 colour	ø214 code	ø214 colour
Ceiling base	**8773**	01-04	**8773**	01-04	**8773**	01-04	---	---
Ceiling base DALI	---	---	**MW30**	01-04	---	---	---	---
Recessed base	**8902**	01-04	**8902**	01-04	**8902**	01-04	---	---
Recessed base DALI Hole for installation 108 mm	---	---	**MW31**	01-04	---	---	---	---
Cover for adapter IP40	**6854**	01-04	**6854**	01-04	**6854**	01-04	---	---

San Pio Sanctuary, San Giovanni Rotondo - Foggia, Italy
Architectural project: Renzo Piano Building Workshop - Lighting project: Piero Castiglioni
Photo: Giuseppe Saluzzi

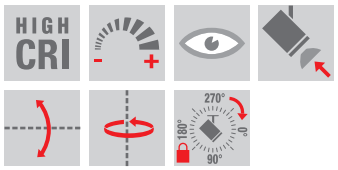
Primopiano professional

design Piano Design

Features

IP20

- Installation on three-phase track and on a ceiling-mounted base.
- Body in die-cast aluminium and stainless steel rod.
- LED versions with high color rendering index.
- High visual comfort.
- Inclination of 90° on horizontal plane and 360° rotation around the vertical axis, with mechanical aiming lock.
- Spotlight complete with local manually dimmable electronic control gear.



Optics

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

E - Elliptical*

Wall Washer optics

The professional wall washer version allows excellent lighting in terms of both colour (CRI>95) and direction (glare-free). A solution particularly suited to lighting museums and picture galleries.

WW - Wall Washer

* Elliptical optic is obtained by installing the respective accessory.

- LED **COB**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

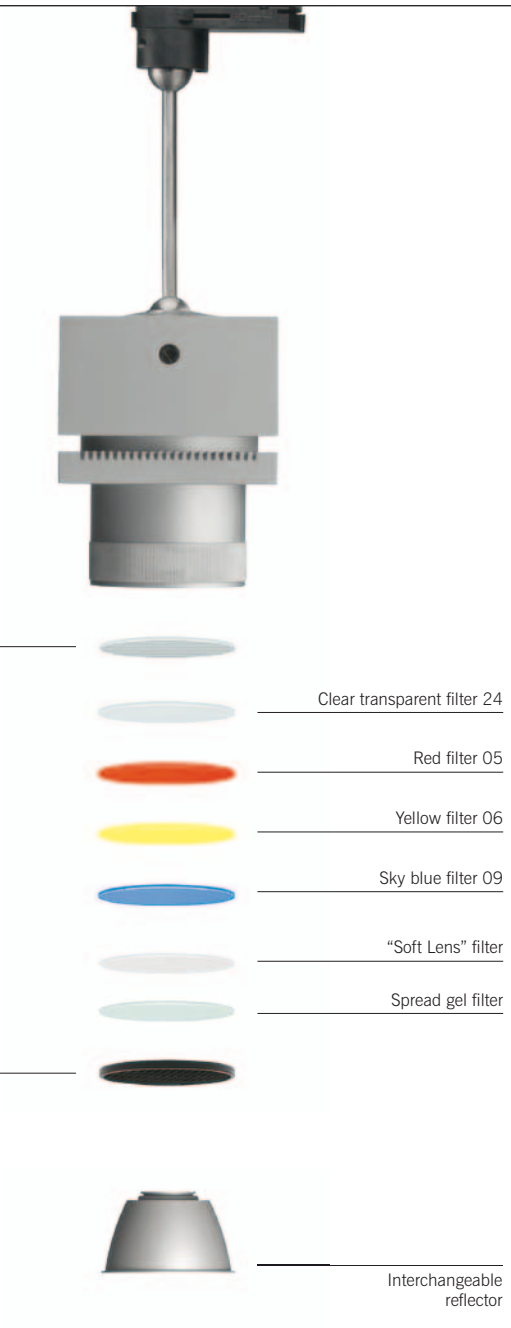
lumen lm	LED	QR CBC 51	ENERGY SAVING
2800	24W	3x50W	84%

(3000K) LED energy saving compared with conventional lamps

Linton and Kay Galleries - Perth, Australia
Architectural and lighting project: MATA Design Studio - Photo: Ron Tan

Primopiano professional

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.
The combination of filters allows the lamp color features to be changed, to make the most of the objects lit or the space.

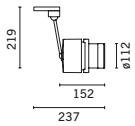


Primopiano professional

01
WHITE

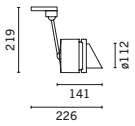
74
GREY/BLACK

Professional



light source	W	lm	optic	code	colour
LED	Neutral white dimmable - CRI 85				
	24 W	3000	24°	**ML07**	01-74
	24 W	3000	44°	**ML08**	01-74
	24 W	3000	60°	**ML09**	01-74
	Warm white dimmable - CRI 85				
	24 W	2800	24°	**ML11**	01-74
	24 W	2800	44°	**ML12**	01-74
	24 W	2800	60°	**ML13**	01-74
	Warm white dimmable - CRI>95				
	22 W	1000	24°	**MJ37**	01-74
	22 W	1000	44°	**MJ38**	01-74
	22 W	1000	60°	**MJ39**	01-74

Professional wall washer



light source	W	lm	code	colour
LED	Neutral white dimmable - CRI 85 Complete with lens			
	24 W	3000	**ML10**	01-74
	Warm white dimmable - CRI 85 Complete with lens			
	24 W	2800	**ML14**	01-74
	Warm white dimmable - CRI>95			
	22 W	1000	**MK94**	01-74

accessories

		code	colour	code	colour
	Refractor for elliptical distribution 55°x70°	**MWE6**	24	**---**	---
	Coloured filters	**MWE7**	05-06-09 24	**---**	---
	"Soft Lens" filter	**MXG0**	24	**---**	---
	Spread gel filter 75°x45°	**MX74**	24	**---**	---
	Louvre	**MX75**	04	**---**	---
	Ceiling base	**8773**	01-04	**8773**	01-04
	Recessed base Hole for installation 108 mm	**8902**	01-04	**8902**	01-04
	Cover for adapter IP40	**6854**	01-04	**6854**	01-04
		code (α)	colour	code (α)	colour
	Interchangeable reflectors for LED				
	medium	**MX77**	(24°) 12	**---**	---
	flood	**MX78**	(44°) 12	**---**	---
	wide flood	**MX79**	(60°) 12	**---**	---

Primopiano wall washer

design Piano Design

Features

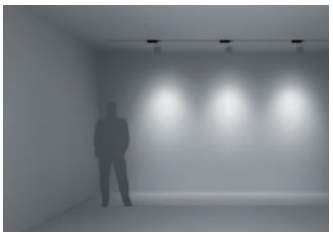
IP20

- Installation on mains voltage and DALI track.
- Body in die-cast aluminium and stainless steel rod.
- Inclination of 90° on horizontal plane and 360° rotation around the vertical axis, with mechanical aiming lock.
- Spotlight complete with local manually dimmable electronic control gear.

Optic

The innovative wall washer optic has been designed to homogenously light walls without areas of shadow in the space close to the ceiling.

Primopiano Wall Washer



Traditional Wall Washer

- **LED Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	ENERGY SAVING
1220	13W	50W	74%
2150	22W	2x50W	78%

(3000K) LED energy saving compared with conventional lamps

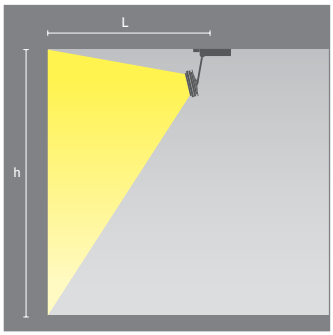
Primopiano wall washer

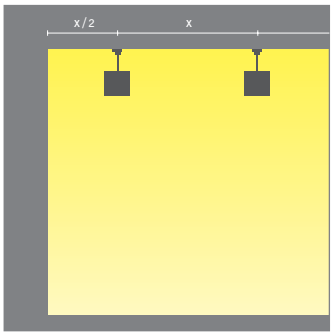
01
WHITE

74
GREY/BLACK

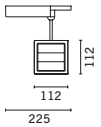
Correct installation

The table shows the correct installation distances for uniform lighting on the wall.



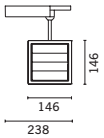


code	x max (m)	L (m)	h (m)
MJ40 - MJ41 MJ42 - MJ43	1,5	1	2,7
MJ44 - MJ45 MJ46 - MJ47	2	1	3



light source	W	lm	code colour
LED	Neutral white dimmable - CRI 85		
	13 W	1220	**MJ40** 01-74
	Warm white dimmable - CRI 85		
	13 W	1220	**MJ41** 01-74
	Neutral white DALI - CRI 85		
	13 W	1220	**MJ42** 01-74
	Warm white DALI - CRI 85		
	13 W	1220	**MJ43** 01-74

DALI spotlights are provided with a special adapter and are only compatible with iGuzzini DALI tracks.



light source	W	lm	code colour
LED	Neutral white dimmable - CRI 85		
	22 W	2150	**MJ44** 01-74
	Warm white dimmable - CRI 85		
	22 W	2150	**MJ45** 01-74
	Neutral white DALI - CRI 85		
	22 W	2150	**MJ46** 01-74
	Warm white DALI - CRI 85		
	22 W	2150	**MJ47** 01-74

accessories

	code	colour
Cover for adapter IP40	**6854**	01-04

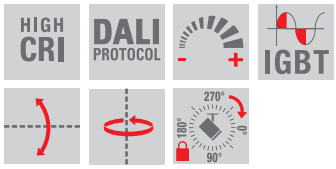
Primopiano

design Piano Design

Features

IP20

- Installation on mains voltage and DALI track.
- Body in die-cast aluminium and stainless steel rod.
- LED versions with high color rendering index.
- Inclination of 90° on horizontal plane and 360° rotation around the vertical axis, with mechanical aiming lock.
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.



Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

E - Elliptical*

LED	14 - 15W
	25 - 26W

* Elliptical optic is obtained by installing the respective accessory.

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

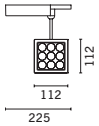
lumen lm	LED	QR CBC 51	ENERGY SAVING
880	15W	35W	57%
1530	26W	2x35W	63%

(3000K) LED energy saving compared with conventional lamps

Primopiano

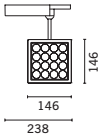
01
WHITE

74
GREY/BLACK



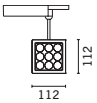
light source	W	lm	optic	code colour
LED	Neutral white - CRI 75			
	15 W	1010	12°	**M642** 01-74
	15 W	1010	32°	**M643** 01-74
	Warm white - CRI 80			
	15 W	880	12°	**M529** 01-74
	15 W	880	32°	**M530** 01-74
	Warm white - CRI 90			
	14 W	720	12°	**M640** 01-74
	14 W	720	32°	**M641** 01-74
	Neutral white DALI - CRI 75			
	15 W	1010	12°	**M646** 01-74
	15 W	1010	32°	**M647** 01-74
	Warm white DALI - CRI 80			
	15 W	880	12°	**M531** 01-74
	15 W	880	32°	**M532** 01-74
	Warm white DALI - CRI 90			
	14 W	720	12°	**M644** 01-74
	14 W	720	32°	**M645** 01-74

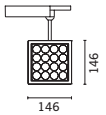
DALI spotlights are provided with a special adapter and are only compatible with iGuzzini DALI tracks.



light source	W	lm	optic	code colour
LED	Neutral white - CRI 75			
	26 W	1770	12°	**M650** 01-74
	26 W	1770	32°	**M651** 01-74
	Warm white - CRI 80			
	26 W	1530	12°	**M533** 01-74
	26 W	1530	32°	**M534** 01-74
	Warm white - CRI 90			
	25 W	1280	12°	**M648** 01-74
	25 W	1280	32°	**M649** 01-74
	Neutral white DALI - CRI 75			
	26 W	1770	12°	**M654** 01-74
	26 W	1770	32°	**M655** 01-74
	Warm white DALI - CRI 80			
	26 W	1530	12°	**M535** 01-74
	26 W	1530	32°	**M536** 01-74
	Warm white DALI - CRI 90			
	25 W	1280	12°	**M652** 01-74
	25 W	1280	32°	**M653** 01-74

accessories





	code	colour	code	colour
Refractor for elliptical distribution	**MWD7**	24	**MWD8**	24
Accessory-frame	**MWD2**	01-15	**MWD3**	01-15
Cover for adapter IP40	**6854**	01-04	**6854**	01-04

Accessories must be installed with accessory-frame

Parallel square

design Bruno Gecchelin

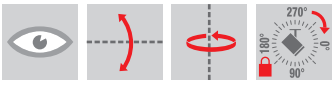
01 WHITE

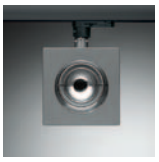
15 GREY

Features

IP20 (IP40 with optional glass)

- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Made of die-cast aluminium and thermoplastic material.
- Reflectors made of ultrapure mirrored aluminium.
- High visual comfort.
- Inclination of 90° on horizontal plane and 360° rotation around the vertical axis, with mechanical aiming lock.





Spill-ring

Antiglare screen

Optics and lamps

S - Spot
α from 9° to 15°

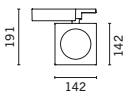
F - Flood
α from 26° to 39°

E - Elliptical*

HIT-TC-CE 35 - 50 - 70W

* Elliptical optic is obtained by installing the respective accessory.

accessories



light source	W	optic	code	colour
HIT-TC-CE (G8,5)	Electronic			
	35 W	12°	**4802**	01-15
	35 W	40°	**4803**	01-15
	50 W	12°	**MH89**	01-15
	50 W	40°	**MH90**	01-15
	70 W	14°	**4804**	01-15
	70 W	40°	**4805**	01-15

IP40 for optical assembly
Complete with safety glass

	code	colour
Refractor for elliptical distribution	**9539**	24
Coloured filters	**8782**	05-06-09
Spill-ring	**9849** for 4803-4805-MH90	04
Cover for adapter IP40	**6854**	01-04

Parallel rectangular

01
WHITE

15
GREY

Features

IP20 (IP40 with optional glass)

- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Made of die-cast aluminium and thermoplastic material.
- Reflectors made of ultrapure mirrored aluminium.
- Inclination of 90° relative to the horizontal plane and rotates 360° around the vertical axis, with mechanical aiming lock.

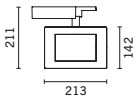
Directional flaps

Asymmetrical screen

Optics and lamps

F - Flood
α from 26° to 39°

HIT-DE-CE	70 - 150W	



light source	W	optic	code	colour
HIT-DE-CE (Rx7s)	Electronic			
	70 W	72/94°	**4814**	01-15
	150 W	72/94	**4815**	01-15

IP40 for optical assembly
Complete with safety glass

accessories

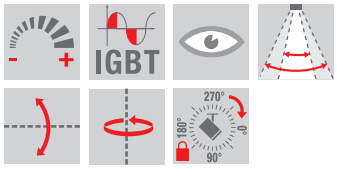
	code	colour
UV filter	**9889**	24
Directional flaps	**9887**	04
Asymmetrical screen	**9888**	04
Cover for adapter IP40	**6854**	01-04

Lumen

Features

IP20 (IP40 versions with removable reflector)

- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Made of die-cast aluminium and thermoplastic material.
- High visual comfort.
- Inclination of 90° on horizontal plane and 360° rotation around the vertical axis, with mechanical aiming lock.
- Spotlights with flood optics and lamps without reflectors have a manual focusing device for the light beam.
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.



High efficiency

Visual comfort

Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

E - Elliptical*

QR-CBC 51	50W
QR 111	100W
HIR-111-CE	35 - 70W
PAR 20S	100W
HIT-CE	70 - 150W
HIT-TC-CE	35 - 70W

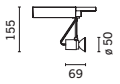
* Elliptical optic is obtained by installing the respective accessory.

Lumen

01
WHITE

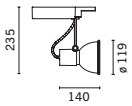
04
BLACK

74
GREY/BLACK



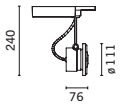
light source	W	code colour
QR CBC 51 (GU5,3)	Dimmable electronic 50 W 12 V	**6384** 01-04-74

IP40 with the use of the accessory glasses.
The glass accessories must be installed with accessory-holder ring code 9490 in combination with adapter code 9448.

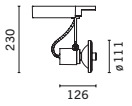


light source	W	optic	code colour
HIT-TC-CE (G8,5)	Electronic High-efficiency reflector		
	35 W	16°	**M220** 01-04-74
	35 W	46°	**M221** 01-04-74
	70 W	14°	**6387** 01-04-74
	70 W	46°	**M223** 01-04-74

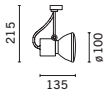
IP40 for optical assembly
We advise against the use of accessories so as to leave the LOR unchanged.



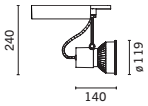
QR 111 (G53)	Dimmable electronic 100 W 12 V	**6391** 01-04-74



HIR-111-CE (GX8,5)	Electronic	
	35 W	**6390** 01-04-74
	70 W	**6389** 01-04-74



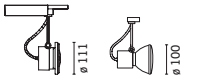
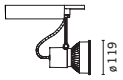
PAR 30S (E27)	100 W	**6424** 01-04-74



		optic	code colour
HIT-CE (G12)	Electronic		
	70 W	14°	**6392** 01-04-74
	70 W	36°	**6393** 01-04-74
	150 W	14°	**6394** 01-04-74
	150 W	36°	**6395** 01-04-74

IP40 for optical assembly

accessories

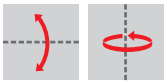
			
	code colour	code colour	code colour
Refractor for elliptical distribution	**9425** 24	**---** ---	**9463** 24 for HIT-CE
Coloured filters	**9405** 05-06-09 24	**---** ---	**8782** 05-06-09 24 for HIT-CE
IR filter	**9415** 24	**---** ---	**8786** 24 for HIT-CE
UV filter	**9433** 24	**---** ---	**9435** 24 for HIT-CE
Accessory-holder ring	**9490** 01-15	**---** ---	**9491** 01-15 for HIT-CE
Adaptor for accessory-holder ring	**9448** 12	**---** ---	**---** ---
Cover for adapter IP40	**6854** 01-04	**6854** 01-04	**6854** 01-04

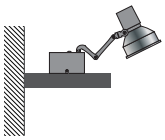
Tilt

Features

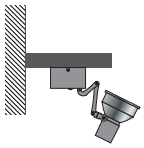
IP40

- Surface-mounted on a wall or turned through 180°.
- Made of die-cast and extruded aluminium
- Reflectors made of ultrapure mirrored aluminium.
- Lamps are adjustable and can be rotated around the vertical axis.

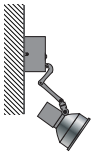




Installation above cornice



Installation under cornice



Wall installation

Inclination on the horizontal plane

Inclination on the vertical plane

Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

LED	17W
QR 111	75W
HIT-TC-CE	20 - 35 - 70W
HIT-CE	150W

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

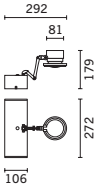
lumen lm	LED	QR CBC 51	
1010	17W	50W	66%

(3000K) LED energy saving compared with conventional lamps

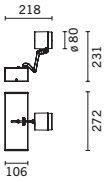
Tilt

01
WHITE

15
GREY

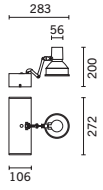


MB20-MB21

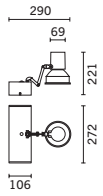


MB28-MB29

light source	W	lm	optic	code colour
LED	Warm white Complete with power supply			
	17W	1010	12°	**MB28** 01-15
	17W	1010	20°	**MB29** 01-15
QR 111 (G53)	Electronic			
	75W 12V			**MB20** 01-15
	DALI			
	75W 12V			**MB21** 01-15



MB22-MB23-MB24-MB25



MB26-MB27

light source	W	optic	code colour
HIT-TC-CE (G8,5)	Electronic		
	20W	16°	**MB22** 01-15
	35W	16°	**MB23** 01-15
	70W	14°	**MB24** 01-15
	70W	44°	**MB25** 01-15
HIT-CE (G12)	Electronic		
	150W	14°	**MB26** 01-15
	150W	36°	**MB27** 01-15

accessories

	code	colour
Refractor for elliptical distribution	**9463**	24
	for MB22-MB23-MB24 MB25-MB26-MB27	
Coloured filters	**8782**	05-06-09 24
	for MB22-MB23-MB24 MB25-MB26-MB27	
UV filter	**9435**	24
	for MB22-MB23-MB24 MB25-MB26-MB27	
Antiglare screen It allows for installation of optional glasses	**MWP2**	43 47
	for MB22-MB23-MB24 MB25-MB26-MB27	
Antiglare screen	**MWP1**	43 47
	for MB20-MB21 MB28-MB29	

Flat accessories must be installed in association with MWP2 anti-glare screen.

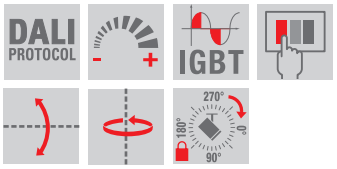
Cestello

design G. Aulenti - P. Castiglioni

Features

IP20

- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Made of die-cast aluminium and thermoplastic material.
- For low voltage versions the luminaire has an integrated electronic transformer in the structure's lateral longitudinal members.
- For discharge and LED versions the electronic power supply is integrated in one of the 4 compartments of the structure, reducing the number of optical assemblies to 3.
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.



Versions

Cestello is available in two sizes and in the following versions:
- spot
- wall mounted
- pendant
- floor lamp

pendant

wall mounted

floor lamp

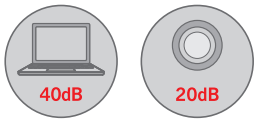
Palazzo Madama City Ancient Art Museum - Turin, Italy

Project management: Carlo Viano - Lighting project: Turin City Project Group and Turin Polytechnic
Photo: Paolo Carlini

Cestello

Heat dissipation

Two innovative heat dissipation solutions: active and passive. The active version includes a small cooling fan which allows the use of higher powered LEDs and therefore optimum performance.

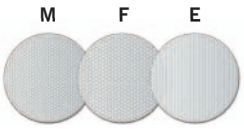


Active dissipation
20 dB

Passive dissipation

Optical diffusers

Simply fitting these refractors means that the width of the light beams can be adjusted, without replacing the luminaire.
The product without diffuser has a spot optic.
For more flexible lighting, install different optical diffusers on the same luminaire.



Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

E - Elliptical*

	LED PASSIVE DISSIPATION	19W
	LED ACTIVE DISSIPATION	35W
	QR-CBC 51	50W
	QR 111	100W
	HIR-111-CE	35W

* Elliptical optic is obtained by installing the respective accessory.

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

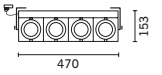
lumen lm	LED	QR CBC 51	ENERGY SAVING
2000	19W	2x50W	81%
3000	35W	3x50W	76%

(3000K) LED energy saving compared with conventional lamps

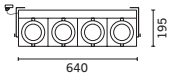
Cestello

15
GREY

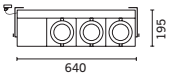
spot



light source	W	code colour
QR CBC 51 (GU5,3)	Electronic transformer 4x50 W 12 V	**2729** 15



light source	W	code colour
QR 111 (G53)	Electronic transformer 4x100 W 12 V	**2730** 15



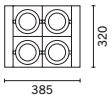
light source	W	lm	optic	code colour
LED	**Passive dissipation**			
	Neutral white			
	3x19 W	2100	46°	**MH05** 15
	Warm white			
	3x19 W	2000	14°	**MH06** 15
	3x19 W	2000	30°	**MH07** 15
	3x19 W	2000	46°	**MH08** 15
	Warm white - CRI>90			
	3x19 W	1700	14°	**MH09** 15
	3x19 W	1700	30°	**MH10** 15
	Active dissipation			
	Neutral white			
	3x35 W	3200	46°	**MH11** 15
	Warm white			
	3x35 W	3000	14°	**MH12** 15
	3x35 W	3000	30°	**MH13** 15
	3x35 W	3000	46°	**MH14** 15
	Warm white - CRI>90			
	3x35 W	2600	14°	**MH15** 15
	3x35 W	2600	30°	**MH16** 15
HIR-111-CE (GX8,5)	Electronic 3x35 W			***2728** 15

* Class of Insulation I

pendant

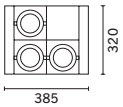
light source	W	code colour
QR CBC 51 (GU5,3)	Electronic transformer 4x50 W 12 V	**3051** 15

Complete with steel suspension cables and power cable L=2000



light source	W	code colour
QR 111 (G53)	Electronic transformer 4x100 W 12 V	**3052** 15

Complete with steel suspension cables and power cable L=2000



light source	W	lm	optic	code colour
LED	**Passive dissipation**			
	Neutral white DALI			
	3x19 W	2100	46°	**MG93** 15
	Warm white DALI			
	3x19 W	2000	14°	**MG94** 15
	3x19 W	2000	30°	**MG95** 15
	3x19 W	2000	46°	**MG96** 15
	Warm white DALI - CRI>90			
	3x19 W	1700	14°	**MG97** 15
	3x19 W	1700	30°	**MG98** 15
	Active dissipation			
	Neutral white DALI			
	3x35 W	3200	46°	**MG99** 15
	Warm white DALI			
	3x35 W	3000	14°	**MH00** 15
	3x35 W	3000	30°	**MH01** 15
	3x35 W	3000	46°	**MH02** 15
	Warm white DALI - CRI>90			
	3x35 W	2600	14°	**MH03** 15
	3x35 W	2600	30°	**MH04** 15
HIR-111-CE (GX8,5)	Electronic 3x35 W			***3184** 15

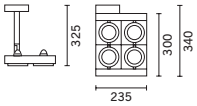
* Class of Insulation I

Complete with steel suspension cables and power cable L=2000

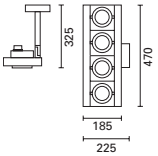
Cestello

15
GREY

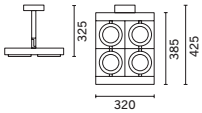
wall mounted



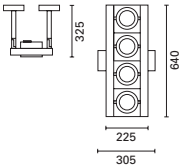
light source	W	lm	optic	code colour	
QR CBC 51 (GU5,3)	Electronic transformer				
	4x50 W 12 V			**5181** 15	
	Complete with one adjustable fixing rod				



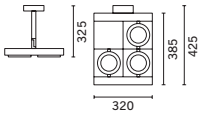
light source	W	lm	optic	code colour	
QR CBC 51 (GU5,3)	Electronic transformer				
	4x50 W 12 V			**5179** 15	
	Complete with one adjustable fixing rod				



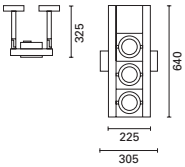
QR 111 (G53)	Electronic transformer				
	4x100 W 12 V			**5182** 15	
	Complete with one adjustable fixing rod				



QR 111 (G53)	Electronic transformer				
	4x100 W 12 V			**5180** 15	
	Complete with two adjustable fixing rods				



LED	**Passive dissipation**				
	Neutral white DALI				
	3x19 W 2100	46°	**MH17** 15	941,20	
	Warm white DALI				
	3x19 W 2000	14°	**MH18** 15	941,20	
	3x19 W 2000	30°	**MH19** 15	941,20	
	3x19 W 2000	46°	**MH20** 15	941,20	
	Warm white DALI - CRI>90				
	3x19 W 1700	14°	**MH21** 15	941,20	
	3x19 W 1700	30°	**MH22** 15	941,20	
	Active dissipation				
	Neutral white DALI				
	3x35 W 3200	46°	**MH23** 15	1.019,20	
	Warm white DALI				
	3x35 W 3000	14°	**MH24** 15	1.019,20	
	3x35 W 3000	30°	**MH25** 15	1.019,20	
	3x35 W 3000	46°	**MH26** 15	1.019,20	
	Warm white DALI - CRI>90				
	3x35 W 2600	14°	**MH27** 15	1.019,20	
	3x35 W 2600	30°	**MH28** 15	1.019,20	
HIR-111-CE (GX8,5)	Electronic				
	3x35 W		***5145** 15	801,80	
	* Class of Insulation I				
	Complete with one adjustable fixing rod				

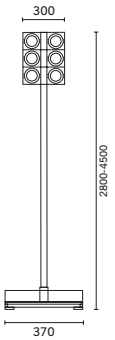


LED	**Passive dissipation**				
	Neutral white DALI				
	3x19 W 2100	46°	**MH29** 15	941,20	
	Warm white DALI				
	3x19 W 2000	14°	**MH30** 15	941,20	
	3x19 W 2000	30°	**MH31** 15	941,20	
	3x19 W 2000	46°	**MH32** 15	941,20	
	Warm white DALI - CRI>90				
	3x19 W 1700	14°	**MH33** 15	941,20	
	3x19 W 1700	30°	**MH34** 15	941,20	
	Active dissipation				
	Neutral white DALI				
	3x35 W 3200	46°	**MH35** 15	1.019,20	
	Warm white DALI				
	3x35 W 3000	14°	**MH36** 15	1.019,20	
	3x35 W 3000	30°	**MH37** 15	1.019,20	
	3x35 W 3000	46°	**MH38** 15	1.019,20	
	Warm white DALI - CRI>90				
	3x35 W 2600	14°	**MH39** 15	1.019,20	
	3x35 W 2600	30°	**MH40** 15	1.019,20	
HIR-111-CE (GX8,5)	Electronic				
	3x35 W		***5146** 15	801,80	
	* Class of Insulation I				
	Complete with two adjustable fixing rods				

Cestello

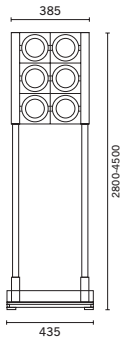
15
GREY

floor lamp



light source	W	h	code colour
QR CBC 51 (GU5,3)	Electronic transformers		
	6x50 W 12 V	2800	**4566** 15
	6x50 W 12 V	4500	**4567** 15

Class of Insulation I
Designed for separate switch-on of 3 groups of lamps and equipped with L=2000 cable with plug.



light source	W	lm	h	optic	code colour
LED	**Passive dissipation**				
	Neutral white				
	6x19 W	2100	2800	46°	**MH41** 15
	Warm white				
	6x19 W	2000	2800	14°	**MH42** 15
	6x19 W	2000	2800	30°	**MH43** 15
	6x19 W	2000	2800	46°	**MH44** 15
	Warm white - CRI>90				
	6x19 W	1700	2800	14°	**MH45** 15
	6x19 W	1700	2800	30°	**MH46** 15
	Active dissipation				
	Neutral white				
	6x35 W	3200	2800	46°	**MH47** 15
	Warm white				
	6x35 W	3000	2800	14°	**MH48** 15
	6x35 W	3000	2800	30°	**MH49** 15
	6x35 W	3000	2800	46°	**MH50** 15
	Warm white - CRI>90				
	6x35 W	2600	2800	14°	**MH51** 15
	6x35 W	2600	2800	30°	**MH52** 15
QR 111 (G53)	Electronic transformers				
	6x100 W 12 V		2800		**4568** 15
	6x100 W 12 V		4500		**4569** 15

Class of Insulation I
Designed for separate switch-on of 3 groups of lamps and equipped with L=2000 cable with plug.

accessories

	code	colour
Refractor for elliptical distribution	**8766**	24
	for QR CBC 51	
	8771	24
	for QR 111 - HIR-111-CE	
Optical diffuser for LED		
medium	**MXG3**	24
flood	**MXG4**	24
elliptical	**MXG5**	24
Coloured filters	**8753**	05-06-09 65
	for QR CBC 51	
	8754	05-06-09 65
	for QR 111 - HIR-111-CE	
Louvre	**8775**	04
	for QR CBC 51	
Cover for adapter IP40	**6854**	01-04
	for versions with adapter for track	

Cerchio - Zoom

design Bruno Gecchelin

Cerchio

Zoom

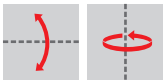
Features

IP20

Cerchio
- Installation on low voltage track, Mini Limelight.
- Made of die-cast aluminium and thermoplastic material.
- 305° rotation around the vertical axis and inclination of 130° (35W) - 122° (50W) in relation to the horizontal plane.

IP20

Zoom
- Installation on low voltage track, Mini Limelight.
- Made of die-cast aluminium and thermoplastic material.
- 360° rotation around the vertical axis and inclination of 140° in relation to the horizontal plane.
- The fitting has a patented joint system that makes it highly adjustable and assures electrical conductivity.



Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

	QR-CBC 35	35 - 50W
	QR-CBC 51	35 - 50W

Fitting on a curved rod

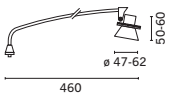
A solution specially designed for lighting pictures.

Cerchio - Zoom

01
WHITE

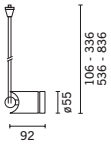
15
GREY

Cerchio



light source	W	code	colour
QRCBC35 (GU4)	Straight rod L=70		
	35W 12V	**6327**	15
	Straight rod L=300		
	50W 12V	**6328**	15
QRCBC51 (GU5,3)	Straight rod L=70		
	35W 12V	**6329**	15
	Straight rod L=300		
	50W 12V	**6330**	15
QRCBC35 (GU4)	Curved rod		
	35W 12V	**6334**	15
QRCBC51 (GU5,3)	Curved rod		
	50W 12V	**6335**	15

Zoom



light source	W	code	colour
QRCBC51 (GU5,3)	Straight rod L=70		
	50W 12V	**6314**	01-15
	Straight rod L=300		
	50W 12V	**6315**	01-15
	Straight rod L=500		
	50W 12V	**6316**	01-15
	Straight rod L=800		
	50W 12V	**6317**	01-15

accessories

	code	colour	code	colour
Coloured filters	---	---	**8658**	05-06-09 24 65
Directional flaps	**6000**	04 for QRCBC35 **6001** 04 for QRCBC51	**8740**	04
Base with 50 W electronic transformer, for ceiling application	**6091**	01-15 h46 - ø123	**6091**	01-15 h46 - ø123
Recessed base Hole for installation 63 mm	**6092**	01-15 h89 - ø71	**6092**	01-15 h89 - ø71

iDuo

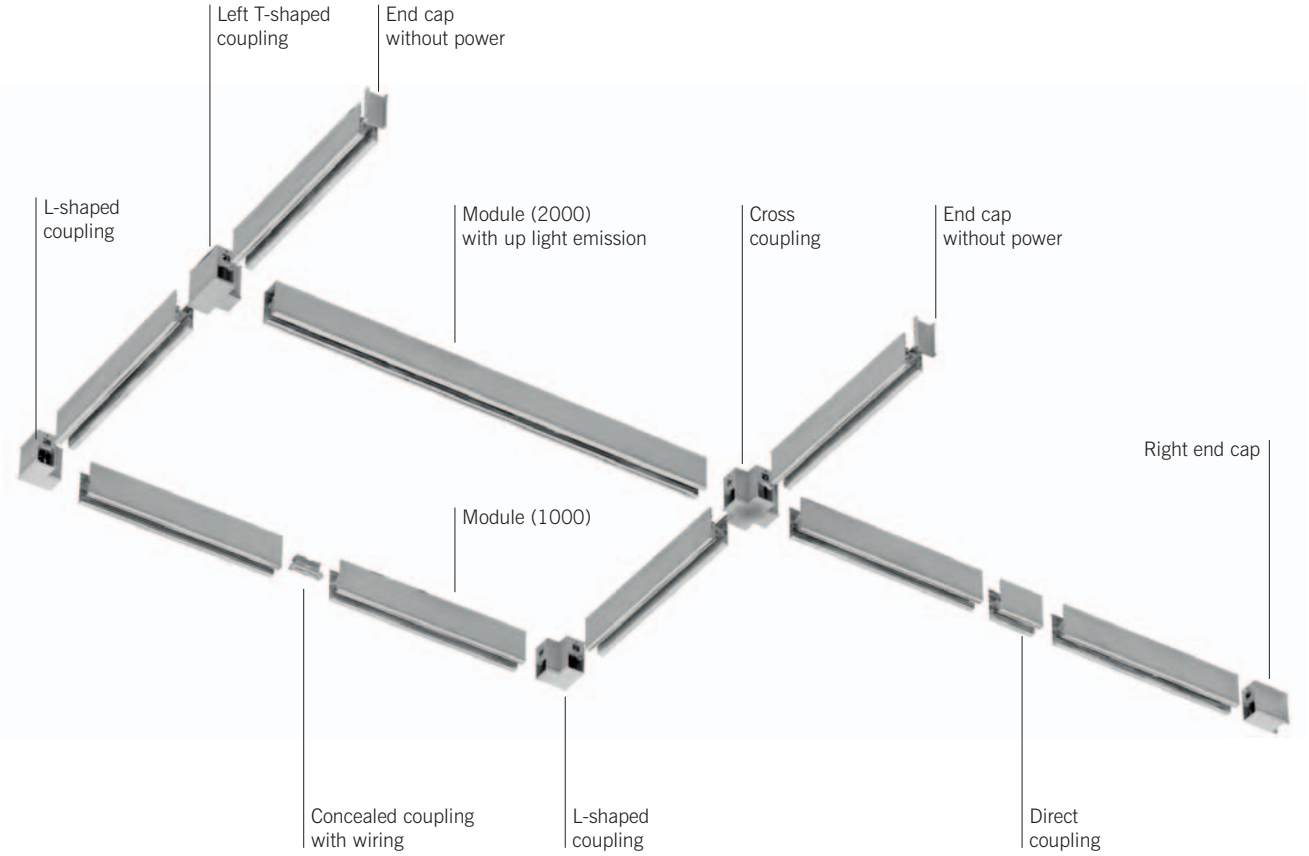
design Jean Michel Wilmotte

Features

IP20

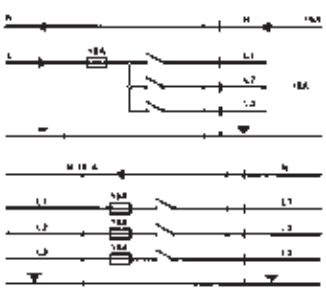
- Aluminium track.
- The track houses the wires that are shielded by rigid extruded isolating material The isolating material has very high dielectric resistance.
- The 3-phase wires with a common ground provide 3 separate circuits that allow the use of 3 distinct switches. Powering the track to the one phase network, the maximum load is 16° (3500 VA), divided up in 3 circuits.
- Connection to the 3-phase power network allows the system to have a total load of 16° (10500 VA) divided into 3 circuits (3x3500 VA).
- The lateral position of the grounding element makes the track structure asymmetrical. Therefore, the connecting joints must be chosen by keeping this in mind.
- Also available: versions with T16 fluorescent modules for uplight emission with electronic and dimmable DALI control gear. The electronic version features multi-power ballasts that allow users to select the power of the fluorescent tube.

Composition



Multiphase tracks

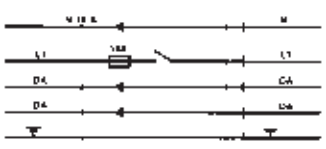
The electric conductor section offers the following installation possibilities:
Operating voltage 220/250 V.
Connection to the single-phase 220/250 V electric mains permits a total load of 16 A corresponding to 3500/4000 VA which may be subdivided over the 3 circuits.
Operating voltage 220/380 V.
Connection to the threephase 220/380 V electric mains permits a total load of 16 A corresponding to 10500 VA which may be subdivided over 3 circuits (3x3500 VA). (Not for U.K. installation).



220/250 V

DALI tracks

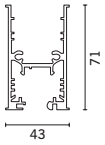
The electric conductor section offers the following installation possibilities:
Operating voltage 220/250 V.
Connection to the single-phase 220/250 V electric mains permits a total load of 16 A.
Operating voltage 220 V.



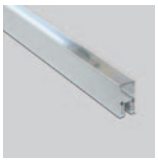
220/250 V

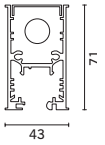
iDuo

01 WHITE
12 ALUMINIUM



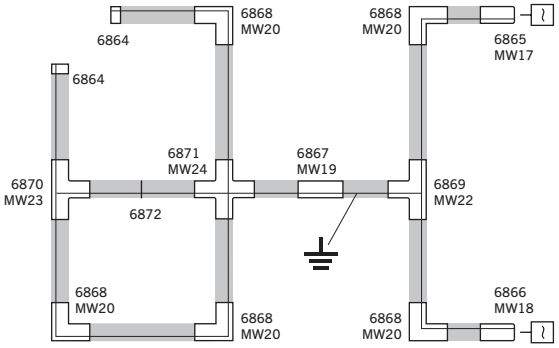
length	code colour
Module	
1000	**6647** 01-12
2000	**6648** 01-12
3000	**6649** 01-12
4000	**6650** 01-12
DALI module	
1000	**6666** 01-12
2000	**6667** 01-12
3000	**6668** 01-12
4000	**6669** 01-12



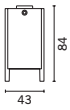
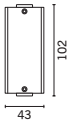


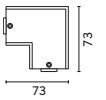
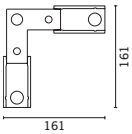
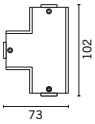
light source	W	length	code colour
T16 (G5)	**Module with up light emission**		
	Multiwatt		
	28/54 W	2000	**6651** 01-12
	35/49/80 W	3000	**6652** 01-12
	DALI multiwatt		
	28/54 W	2000	**6654** 01-12
	35/49/80 W	3000	**6657** 01-12
	DALI module with up light emission		
	Multiwatt		
	28/54 W	2000	**6670** 01-12
	35/49/80 W	3000	**6671** 01-12
	DALI multiwatt		
	28/54 W	2000	**6673** 01-12
	35/49/80 W	3000	**6676** 01-12

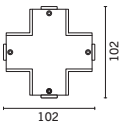
Complete with polycarbonate upper safety screen
DALI versions occupies 1 address



couplings

	code colour
End cap without power	**6864** 01-15
Designed for suspended installation	
 End cap	
right	**6865** 01-15
left	**6866** 01-15
DALI end cap	
right	**MW17** 01-15
left	**MW18** 01-15
Designed for suspended installation	
 Direct coupling	**6867** 01-15
DALI direct coupling	**MW19** 01-15
Designed for suspended installation	

	code colour
 L-shaped coupling	**6868** 01-15
DALI L-shaped coupling	**MW20** 01-15
Designed for suspended installation	
 Long L-shaped coupling	**9158** 01-74
DALI long L-shaped coupling	**MW21** 01-74
Designed for suspended installation For maximum allowed loads please consult the instruction sheet	
 T-shaped coupling	
right	**6869** 01-15
left	**6870** 01-15
DALI T-shaped coupling	
right	**MW22** 01-15
left	**MW23** 01-15
Designed for suspended installation	

	code colour
 Cross coupling	**6871** 01-15
DALI cross coupling	**MW24** 01-15
Designed for suspended installation	
Concealed coupling with wiring	**6872** 01
Always in combination with suspension system	
Item for intermediate suspension	**6873** 00
Used to install the suspension system in intermediate position on track	

accessories and installation systems

	code	colour
Upper safety screen		
for module L=1000	**6875**	24
for module L=2000	**6876**	24
for module L=3000	**6877**	24
Suspension cable with millimetric regulation L=2000	**9187**	00
Suspension cable L=2000	**9186**	00

	code	colour
4-pole power supply base with suspension cables L=2000	**9176**	15
5-pole power supply base with suspension cables L=2000	**9177**	01-15
(Transparent power supply cable with colour 15)		
9-pole power supply base with suspension cables L=2000	**9178**	01
Cover strip L=1000	**8968**	01-04

	code	colour
Suspension rods h=1000		
with power supply 9 pole	**9181**	01-15
with power supply 5 pole	**9180**	01-15
without power supply	**9179**	01-15
Ceiling clamp	**9182**	00
Load hook 10 Kg	**8951**	10

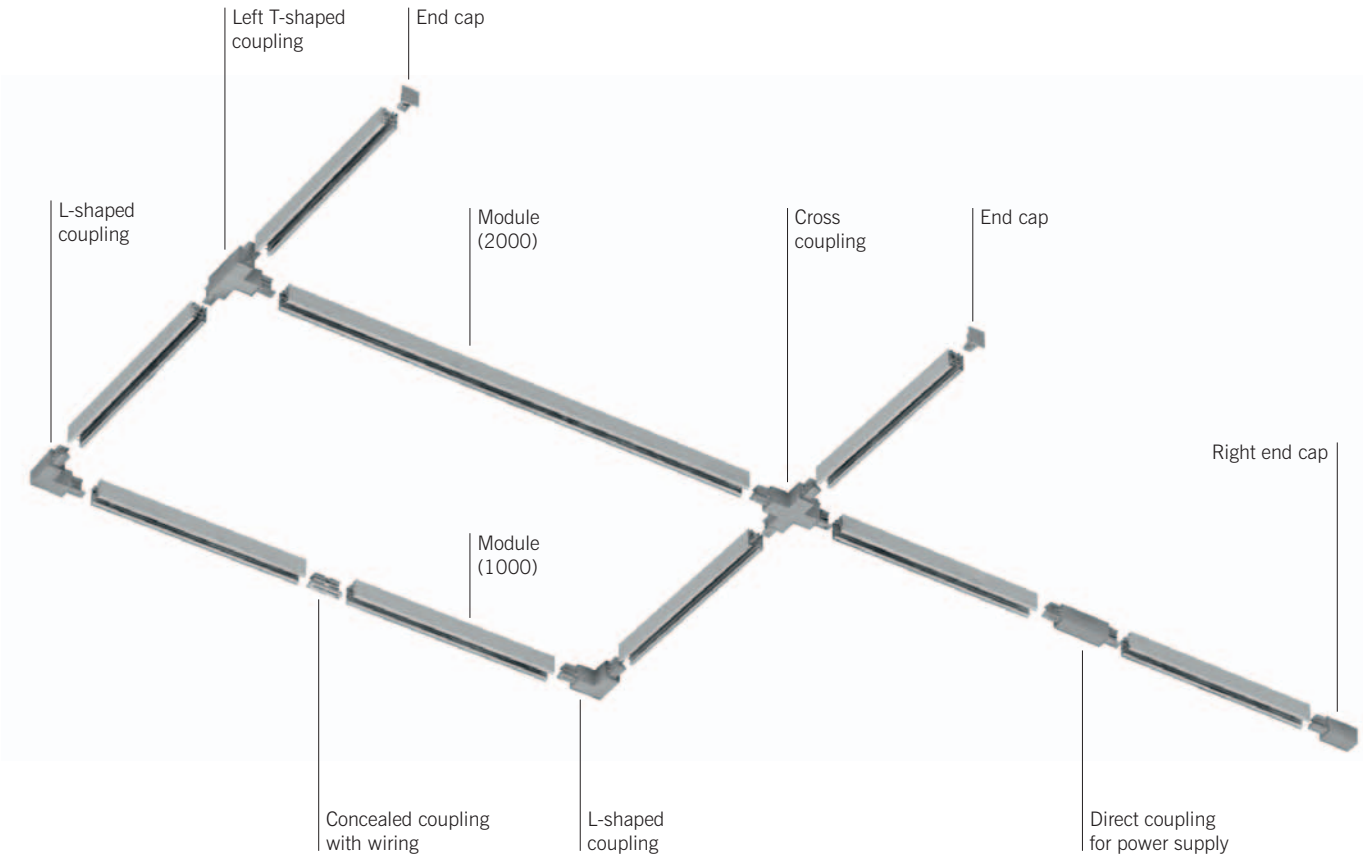
Standard track

Features

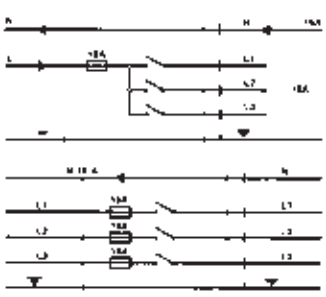
IP20

- Aluminium track.
- The track houses the wires that are shielded by rigid extruded isolating material The isolating material has very high dielectric resistance.
- The 3-phase wires with a common ground provide 3 separate circuits that allow the use of 3 distinct switches. Powering the track to the one phase network, the maximum load is 16° (3500 VA), divided up in 3 circuits.
- Connection to the 3-phase power network allows the system to have a total load of 16° (10500 VA) divided into 3 circuits (3x3500 VA).
- The lateral position of the grounding element makes the track structure asymmetrical. Therefore, the connecting joints must be chosen by keeping this in mind.

Composition

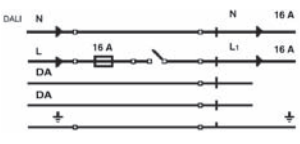


Multiphase tracks
The electric conductor section offers the following installation possibilities:
Operating voltage 220/250 V.
Connection to the single-phase 220/250 V electric mains permits a total load of 16 A corresponding to 3500/4000 VA which may be subdivided over the 3 circuits.
Operating voltage 220/380 V.
Connection to the threephase 220/380 V electric mains permits a total load of 16 A corresponding to 10500 VA which may be subdivided over 3 circuits (3x3500 VA). (Not for U.K. installation).



220/250 V

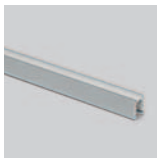
DALI tracks
The electric conductor section offers the following installation possibilities:
Operating voltage 220/250 V.
Connection to the single-phase 220/250 V electric mains permits a total load of 16 A.
Operating voltage 220 V.



220/250 V

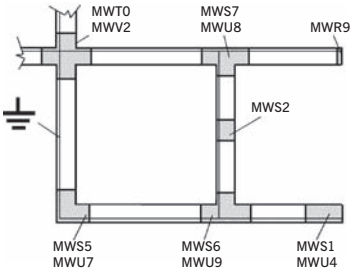
Standard track

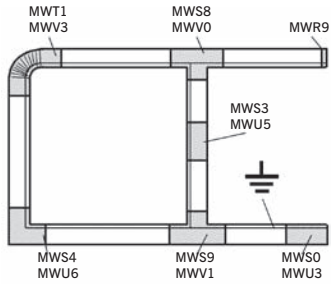
01 WHITE 04 BLACK 12 ALUMINIUM



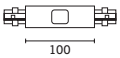
length	code colour
Module	
1000	**6771** 01-04-12
2000	**6772** 01-04-12
3000	**6773** 01-04-12
4000	**6774** 01-04-12
DALI module	
1000	**6775** 01-04-12
2000	**6776** 01-04-12
3000	**6777** 01-04-12
4000	**6778** 01-04-12

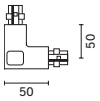
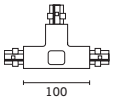
FLOOR VIEW

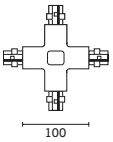
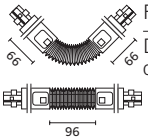




couplings

	code colour
End cap	**MWR9** 01-04
Power supply end cap with earth contact	
right	**MWS0** 01-04
left	**MWS1** 01-04
DALI power supply end cap with earth contact	
right	**MWU3** 01-04
left	**MWU4** 01-04
Concealed coupling with wiring	**MWS2** 01-04
 Direct coupling for power supply	**MWS3** 01-04
DALI direct coupling for power supply	**MWU5** 01-04

	code colour
 L-shaped coupling earth wire	
internal	**MWS4** 01-04
external	**MWS5** 01-04
DALI L-shaped coupling earth wire	
internal	**MWU6** 01-04
external	**MWU7** 01-04
 T-shaped coupling earth wire	
right + internal	**MWS8** 01-04
left + internal	**MWS9** 01-04
right + external	**MWS7** 01-04
left + external	**MWS6** 01-04
DALI T-shaped coupling earth wire	
right + internal	**MWV0** 01-04
left + internal	**MWV1** 01-04
right + external	**MWU8** 01-04
left + external	**MWU9** 01-04

	code colour
 Cross coupling	**MWT0** 01-04
DALI cross coupling	**MWV2** 01-04
 Flexible coupling	**MWT1** 01-04
DALI flexible coupling	**MWV3** 01-04

installation systems

	code colour
Suspension cable with millimetric regulation L=2000	**MWW6** 01-04
Suspension cable L=2000	**MX66** 12
Power supply cable L=2200	**MW09** 01-04-15 for DALI Standard track **8988** 01-04-15 for Standard track

	code colour
Suspension system with double cable	**MWW5** 01-04-15
Suspension rod h=1000	**MWW4** 01-04
Cover strip L=1000	**MWW7** 01-04

	code colour
Ceiling clamp	**MWW8** 00
Load hook 10 Kg	**MWW9** 10
Tool for track wires conformation	**MWX0** 00

Recessed tracks

Features

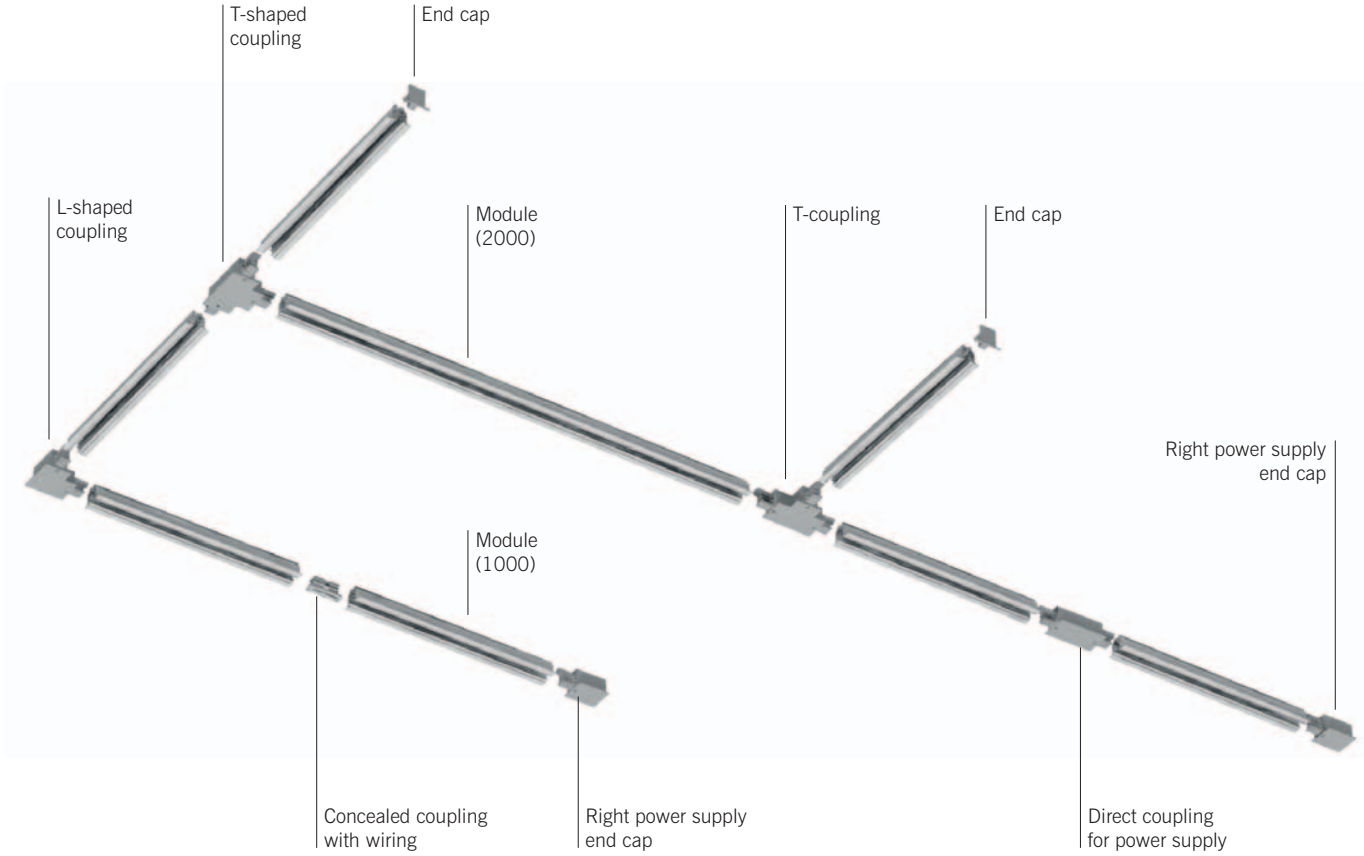
16 IP20

- Made of aluminium.
- Has two lateral wings that serve as supports for false ceiling panels.
- The conductors are housed in the track and enclosed in a rigid, extruded casing made of an insulating material with high dielectric strength.
- The 3 conductors together with the neutral wire form 3 separate circuits, which make 3 switching arrangements possible.

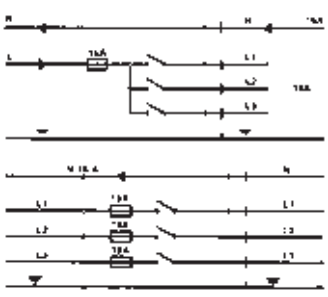
If the power supply to the track is single-phase, the maximum load is 16 A (3500/4000 VA) which can be divided among the 3 circuits.

- If the track is connected to a three-phase power supply, the maximum total is 16A (10500 VA) which can be divided among the 3 circuits (3x3500 VA).
- The decentralized position of the earth contact renders the track structure asymmetrical. Therefore the connecting joints must be chosen accordingly.

Composition

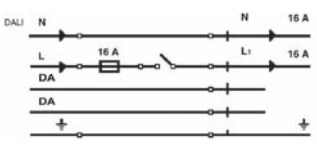


Multiphase tracks
The electric conductor section offers the following installation possibilities:
Operating voltage 220/250 V.
Connection to the single-phase 220/250 V electric mains permits a total load of 16 A corresponding to 3500/4000 VA which may be subdivided over the 3 circuits.
Operating voltage 220/380 V.
Connection to the threephase 220/380 V electric mains permits a total load of 16 A corresponding to 10500 VA which may be subdivided over 3 circuits (3x3500 VA). (Not for U.K. installation).



220/250 V

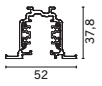
DALI tracks
The electric conductor section offers the following installation possibilities:
Operating voltage 220/250 V.
Connection to the single-phase 220/250 V electric mains permits a total load of 16 A.
Operating voltage 220 V.



220/250 V

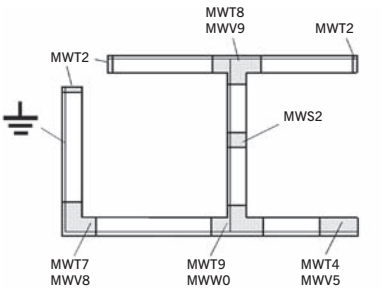
Recessed tracks

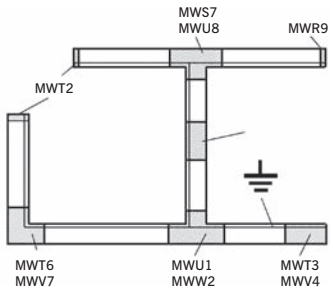
01 WHITE
04 BLACK
12 ALUMINIUM



length	code colour
Module	
1000	**6779** 01-04-12
2000	**6780** 01-04-12
3000	**6781** 01-04-12
4000	**6782** 01-04-12
DALI module	
1000	**6783** 01-04-12
2000	**6784** 01-04-12
3000	**6785** 01-04-12
4000	**6786** 01-04-12

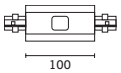
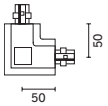
FLOOR VIEW

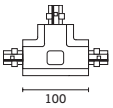




couplings

	code colour
End cap	**MWT2** 01-04
Power supply end cap with earth contact	
right	**MWT3** 01-04
left	**MWT4** 01-04
DALI power supply end cap with earth contact	
right	**MWV4** 01-04
left	**MWV5** 01-04
Concealed coupling with wiring	**MWS2** 01-04

	code colour
 Direct coupling for power supply	**MWT5** 01-04
DALI direct coupling for power supply	**MWV6** 01-04
 L-shaped coupling earth wire	
internal	**MWT6** 01-04
external	**MWT7** 01-04
DALI L-shaped coupling earth wire	
internal	**MWV7** 01-04
external	**MWV8** 01-04

	code colour
 T-shaped coupling earth wire	
right + internal	**MWU0** 01-04
left + internal	**MWU1** 01-04
right + external	**MWT8** 01-04
left + external	**MWT9** 01-04
DALI T-shaped coupling earth wire	
right + internal	**MWW1** 01-04
left + internal	**MWW2** 01-04
right + external	**MWV9** 01-04
left + external	**MWW0** 01-04

installation systems

	code colour
Suspension cable with millimetric regulation L=2000	**MWW6** 01-04
Suspension cable L=2000	**MX66** 12
Cover strip L=1000	**MWW7** 01-04

	code colour
Ceiling clamp	**MWW8** 00
Load hook 10 Kg	**MWW9** 10
Tool for track wires conformation	**MWX0** 00

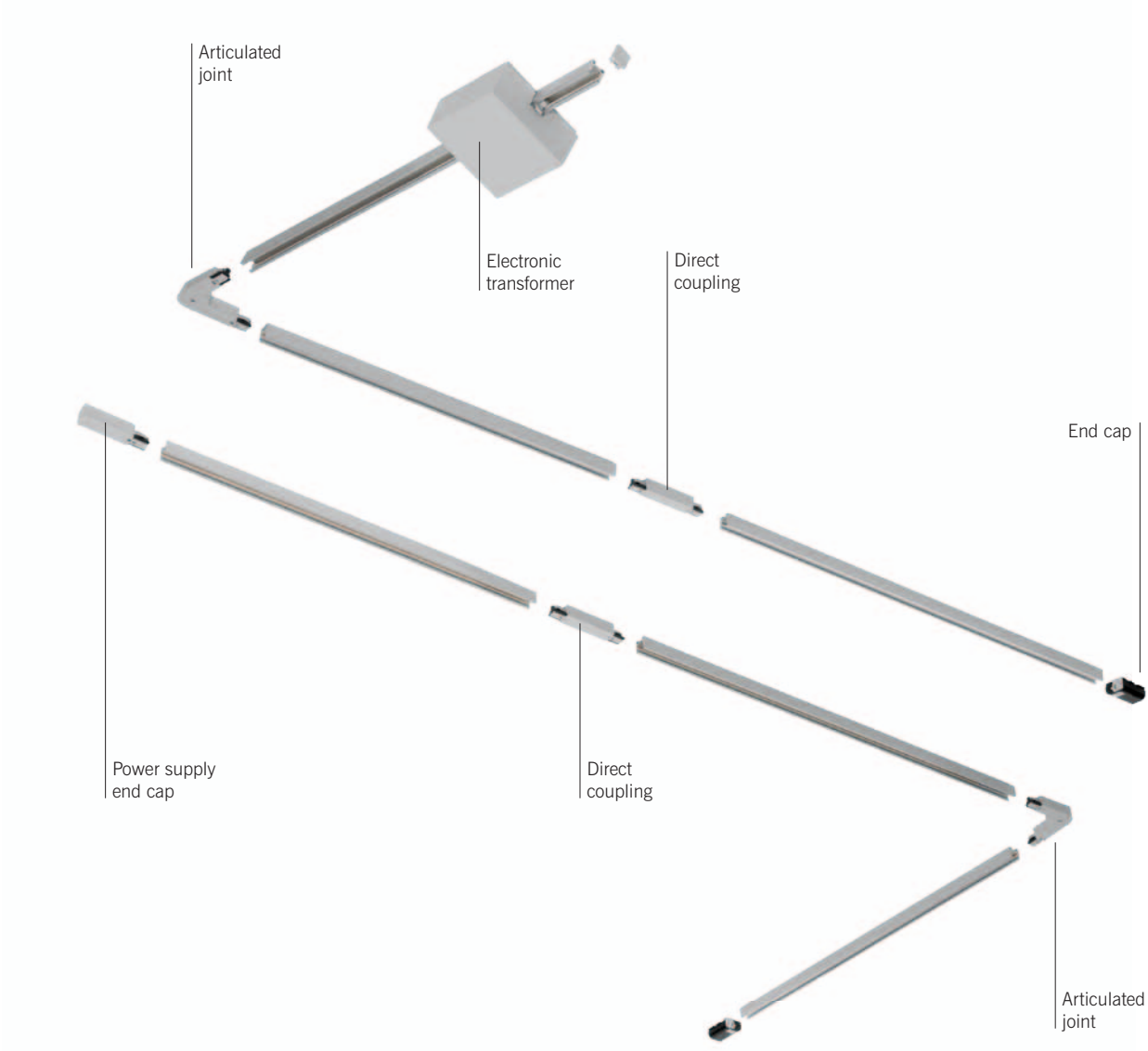
Mini Limelight

Features

IP20

- Single-phase low voltage track,made for 12 V halogen lamp spotlights.
- Certified for 12 V and for a maximum current of 25 Amps, in compliance with the recent CENELEC norms for low-voltage tracks.
- The is fed by a 50/200W transformer for tracks up to 2000 mm in length.

Composition

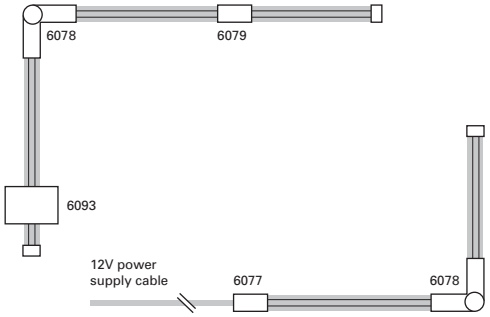


Mini Limelight

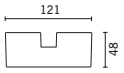
01 WHITE

12 ALUMINIUM

length	code colour
Module	
500	**6065** 01-12
1000	**6066** 01-12
2000	**6067** 01-12
3000	**6068** 01-12

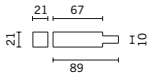


couplings



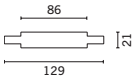
50/200 W electronic transformer for 2 m. max. track lengths — **6093** 01-15

Equipped with two end caps
Only for track installation



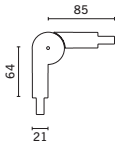
End cap for 12V power supply — **6077** 01-15

Equipped with one end cap



Direct coupling — **6079** 01-15

Equipped with two end caps



Articulated joint — **6078** 01-15

General lighting systems

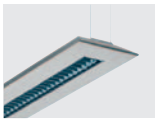
Modular systems

248 iPlan LED
LED

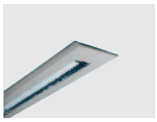
252 iPlan

259 Lightshine
LED

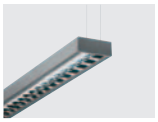
263 Lens



266 Light air



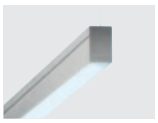
269 Mini Light air



272 Action

278 Y Light

283 iN 90



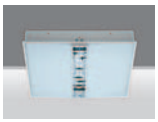
283 iN 60
LED

283 iN 30
LED

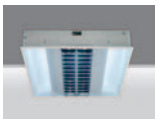
Recessed luminaires

248 iPlan LED
LED

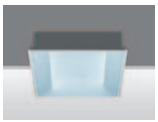
256 iPlan Easy
LED



298 Wide plus

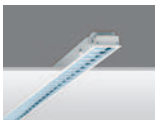


300 Wide basic



302 Base Lighting

304 Galaxy
LED

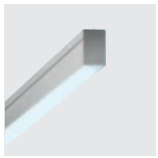
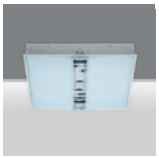
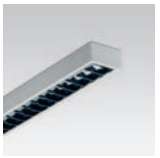


306 Lineup

"Il Cielo", iGuzzini Iberica headquarter - Barcellona, España
Architectural project: Josep Miàs, MiAS Arquitectes - Photo: Adrià Goula

General lighting systems

	iPlan	Lightshine	Lens	Light air	Mini Light air	Action	Y Light
Diffuse General light	●	●		●	●	●	●
Low luminance General light	●	●	●	●	●	●	●
Up/down light	●	●	●	●	●	●	●
Recessed installation	●					●	
Ceiling installation	●					●	
Wall installation	●						●
Pendant installation	●	●	●	●	●		●
Modular system		●	●	●		●	
Floor lamp version	●						●
LED light source	●	●					
FL light source	●		●	●	●	●	●

iN90 - iN60 - iN30	Wide	Base Lighting	Galaxy	Lineup
				
		●		●
	●		●	●
				●
●	●	●	●	●
●			●	●
●				●
●				●
●			●	
●	●	●	●	●

General lighting systems

Controlled luminance

Luminaires equipped with these optic are suitable for use in environments with video terminals in accordance with EN 12464-1.

High output

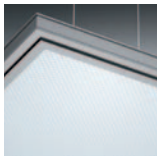
These luminaires allow compliance with European standards, guaranteeing a high level of light output and consequent energy savings.

Opal diffuser

Luminaires with frosted polycarbonate diffuser screen guarantee diffused, uniform light distribution.

Microprismatic diffuser

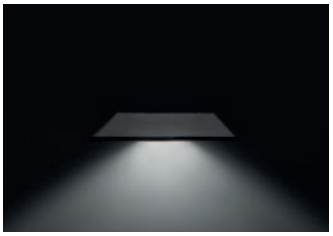
Luminaires with a micro-prismatic screen provide high luminous efficiency and perfect luminance control UGR<19.



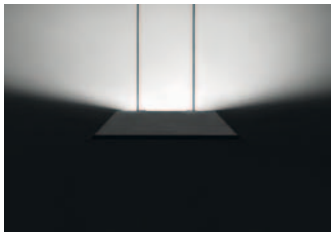
Light emissions

The possibility of “modulating” the flow of light emission allows correct lighting of the relevant working areas with down light, simultaneously with up light, always with the right uniformity and optimum visual comfort.

Up down lighting



Down lighting



Up lighting

Electronic features

Ballast Multiwatt

The luminaires are equipped with ballasts for fluorescent lamps which allow selection of the installed power. This means greater flexibility in terms of use and consequent energy savings.

Emergency lighting

Luminaires incorporating an emergency device, in compliance with the regulations governing their use, are now widespread in homes, offices and public areas.

Switch Dim

This system allows DALI luminaires to be dimmable even using a standard electric button.

DALI protocol

Digital Adressable Lighting Interface
This technology allows not just energy savings, but also customised lighting set-ups.

General lighting systems

Installation

Single and continuous line pendant luminaires
Luminaires are available in the "single" version complete with power supply base and suspension cables, or in the "continuous line" version for modular installation.

Individual pendant

Continuous line pendant

Cable millimetric regulation

During installation this device allows for positioning the luminaire perfectly parallel to the horizonal plane. According to the product, it can be housed in the optical assembly or suspension base.

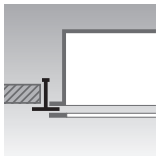
Recessed luminaires for modular false ceilings

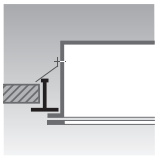
Modular recessed luminaires are designed for offices, meeting rooms, business premises, dealerships, waiting rooms and transit zones with standard module false ceilings. These luminaires have many advantages: reduced height, rapid fixing, easy installation.

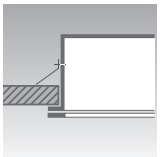
Reduced height

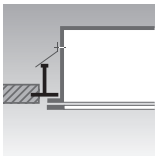
The extremely limited height of these luminaires means that they can even be fitted in the lowest false ceilings.

Installation
Special accessories are used to install these modular recessed luminaires in any type of false ceiling and/or wall.

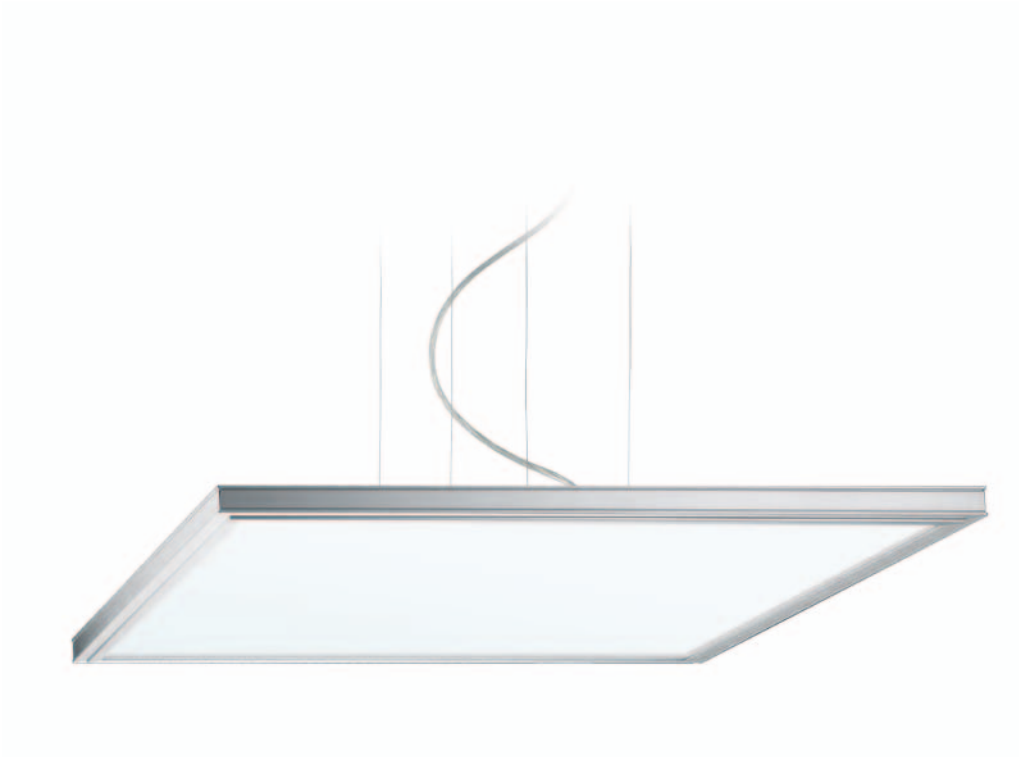

Grid installation from above


Grid installation from below


Plasterboard application


Installation: recessed in false ceiling frame from below

iPlan LED



Features

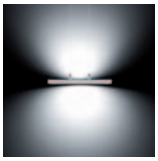
IP20

- Direct/indirect light emission LED fitting.
- Available in suspended, ceiling mounted, and recessed versions.
- Optical assembly in anodised extruded aluminium, methacrylate diffuser screen for general light emission or microprismatic for controlled luminance emission UGR<19.
- Versions with electronic and DALI control gear.
- Luminaire reduced height.
- Pendant versions ready for contemporary start of both light emissions (direct and indirect); complete with driver, support cables L=1500 mm and power supply base.
- Ceiling mounted versions with installation kit to be ordered separately as an accessory. The same kit can be used to install the products on walls.

Compact size

Light distribution

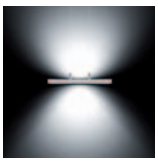
Opal diffuser
The version with frosted polycarbonate diffuser screen guarantees diffused, uniform light distribution.



Up/down light
for pendant

Down light
for recessed and wall/ceiling mounted

Prismatized diffuser
Luminaires with a micro-prismatic screen provide high luminous efficiency and perfect luminance control UGR<19.



Up/down light
for pendant

Down light
for recessed and wall/ceiling mounted

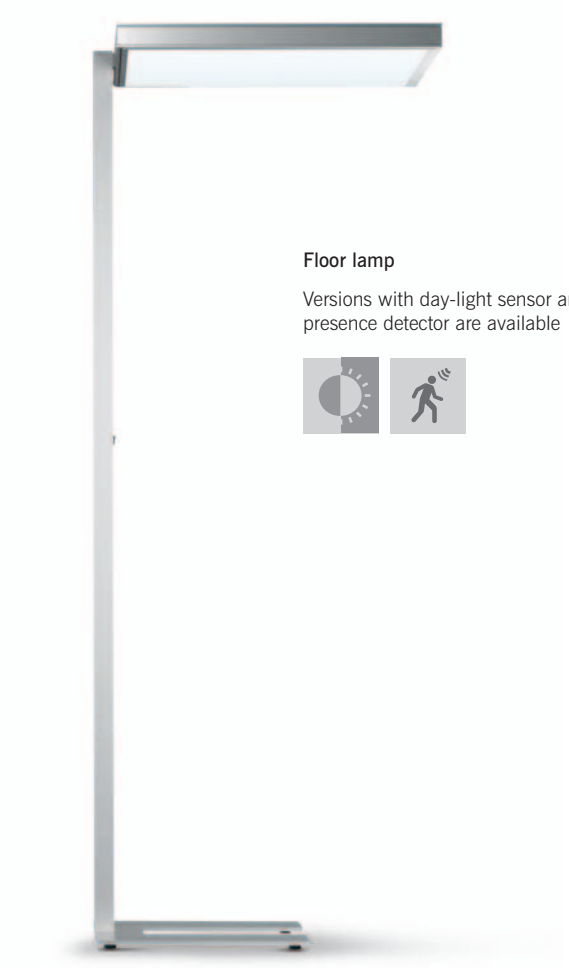
iPlan LED

Versions

Available in the following versions:
- wall/ceiling-mounted
- recessed
- pendant
- floor lamp

Ceiling installation

Recessed



Floor lamp

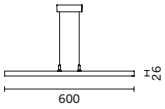
Versions with day-light sensor and presence detector are available

Wal-mounted installation

iPlan LED

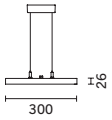
12
ALUMINIUM

Pendant



light source	W	lm	length	code colour
LED	Up/down light - Low contrast			
	Neutral white			
	54 W	7280	600	**ME68** 12
	Warm white			
	54 W	6770	600	**ME69** 12
	Neutral white DALI			
	54 W	7280	600	**ME70** 12
	Warm white DALI			
	54 W	6770	600	**ME71** 12
	Up/down light - High contrast UGR<19			
	Neutral white			
	54 W	7280	600	**ME72** 12
	Warm white			
	54 W	6770	600	**ME73** 12
	Neutral white DALI			
	54 W	7280	600	**ME74** 12
	Warm white DALI			
	54 W	6770	600	**ME75** 12

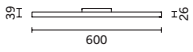
DALI versions occupy 1 address
Complete with power supply base
and suspension cables L=1500



light source	W	lm	length	code colour
LED	Up/down light - Low contrast			
	Neutral white			
	54 W	7280	1200	**ME76** 12
	Warm white			
	54 W	6770	1200	**ME77** 12
	Neutral white DALI			
	54 W	7280	1200	**ME78** 12
	Warm white DALI			
	54 W	6770	1200	**ME79** 12
	Up/down light - High contrast UGR<19			
	Neutral white			
	54 W	7280	1200	**ME80** 12
	Warm white			
	54 W	6770	1200	**ME81** 12
	Neutral white DALI			
	54 W	7280	1200	**ME82** 12
	Warm white DALI			
	54 W	6770	1200	**ME83** 12

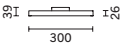
DALI versions occupy 1 address
Complete with power supply base
and suspension cables L=1500

Recessed / wall / ceiling-mounted



light source	W	lm	length	code colour
LED	Low contrast			
	Neutral white			
	46 W	6240	600	**ME84** 12
	Warm white			
	46 W	5800	600	**ME85** 12
	Neutral white DALI			
	46 W	6240	600	**ME86** 12
	Warm white DALI			
	46 W	5800	600	**ME87** 12
	High contrast UGR<19			
	Neutral white			
	46 W	6240	600	**ME88** 12
	Warm white			
	46 W	5800	600	**ME89** 12
	Neutral white DALI			
	46 W	6240	600	**ME90** 12
	Warm white DALI			
	46 W	5800	600	**ME91** 12

DALI versions occupy 1 address



light source	W	lm	length	code colour
LED	Low contrast			
	Neutral white			
	46 W	6240	1200	**ME92** 12
	Warm white			
	46 W	5800	1200	**ME93** 12
	Neutral white DALI			
	46 W	6240	1200	**ME94** 12
	Warm white DALI			
	46 W	5800	1200	**ME95** 12
	High contrast UGR<19			
	Neutral white			
	46 W	6240	1200	**ME96** 12
	Warm white			
	46 W	5800	1200	**ME97** 12
	Neutral white DALI			
	46 W	6240	1200	**ME98** 12
	Warm white DALI			
	46 W	5800	1200	**ME99** 12

DALI versions occupy 1 address

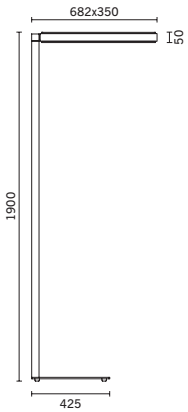
iPlan LED

12
ALUMINIUM

Floor lamp

light source	W		code	colour
LED	Up/down light			
	Neutral white DALI			
	54 W	4400 up	**4589**	01-15
	27 W	2200 down		
	Neutral white DALI ACTILUME with motion and lux sensors			
	54 W	4400 up	**4590**	01-15
	27 W	2200 down		

Equipped with a L=2000 mm cable with a plug.



accessories

	code	colour
Remote control for ACTILUME versions	**9704**	04
	for 4586-4587-4588	

ceiling/wall-mounted installation

	code	colour
Ceiling/wall-mounted installation kit	**MX49**	00
	for modules 600x600	
	MX50	00
	for modules 300x1200	

recessed installation

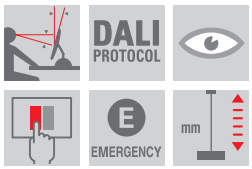
	code	colour
Adapter for installation in plasterboard false ceilings	**9695**	00
	for modules 600x600	
	9689	00
	for modules 300x1200	
Adapter for installation in false ceilings with 625x625 tiles	**MX76**	00

iPlan

Features

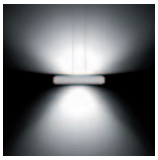
IP20

- Direct/indirect light emission fluorescent fitting.
- Available in suspended, ceiling-mounted, wall-mounted and floor lamp versions.
- Optical assembly with lateral profiles in extruded aluminium; injection molded polycarbonate end caps; steel sheet internal casing cover; methacrylate diffuser screen with microprisms and transflective film.
- High visual comfort.
- Professional optics with controlled luminance UGR<19.
- Versions with electronic and DALI control gear, and permanent emergency light; 1,5 hours autonomy with 12 hour recharging cycle - 3 hours autonomy with 24 hour recharging cycle. Conforms to EN60598-2-22.
- Floor lamp version: square section extruded aluminium support rod; steel base with no-skidrubber feet; with 2m long cable with plug; available with electronic control gear with dual start, DALI and DALI ACTILUME (with motion and lux sensors).
- Pendant version with cables equipped with millimetric regulation system.



Light distribution

Up/down light
Double light emission for the pendant, wall-mounted and floor lamp versions.



UGR<19
L<1500 cd/m² a>65°

Down light
The down light of the ceiling-mounted version can also be obtained on the pendant version by fitting the upper cover.

UGR<19
L<1500 cd/m² a>65°

iPlan

01
WHITE

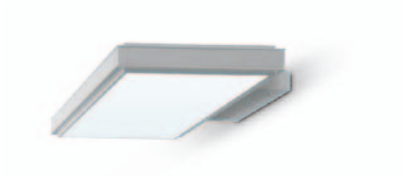
15
GREY

Versions

Available in the following version:
- complete pendants
- continuous line modules
- wall-mounted
- ceiling-mounted
- floor lamp

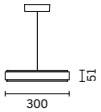
Ceiling-mounted

Floor lamp
Up light 60%
Down light 40%



Wall-mounted
Up light 60%
Down light 40%

Complete pendants



light source	W	length	code	colour
	Up/down light - UGR<19			
T16 (G5)	Multiwatt			
	2x35/49 W	1500	**MC79**	01-15
	2x28/54 W	1200	**MC80**	01-15
	DALI multiwatt			
	2x35/49 W	1500	**MC81**	01-15
	2x28/54 W	1200	**MC82**	01-15
	Multiwatt and permanent emergency light			
	2x35/49 W	1500	**MM42**	01-15

DALI versions occupy 1 address
Complete with power supply base
and suspension cables L=1500

accessories

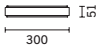
	code	colour
Upper cover for down light emission	**MWX6**	01-15 for versions L=1500
	MWX5	01-15 for versions L=1200
Upper safety screen	**MWX2**	24 for versions L=1500
	MWX1	24 for versions L=1200

iPlan

01
WHITE

15
GREY

Modules for continuous lines



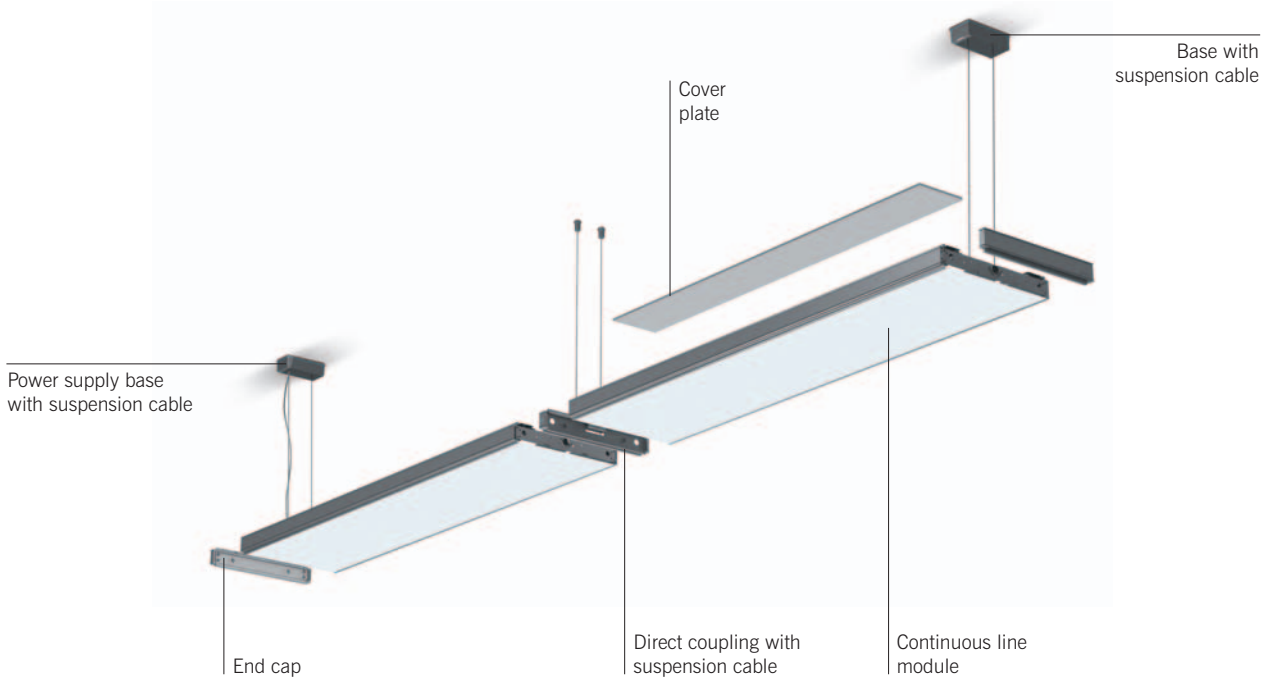
light source	W	length	code	colour
	Up/down light - UGR<19			
T16 (G5)	Multiwatt			
	2x35/49 W	1500	**MC84**	01-15
	2x28/54 W	1200	**MC85**	01-15
	DALI multiwatt			
	2x35/49 W	1500	**MC86**	01-15
	2x28/54 W	1200	**MC87**	01-15
	Multiwatt and permanent emergency light			
	2x35/49 W	1500	**MM43**	01-15

DALI versions occupy 1 address

accessories and installation systems

	code	colour
Upper cover for down light emission	**MWX6**	01-15 for modules L=1500
	MWX5	01-15 for modules L=1200
Upper safety screen	**MWX2**	24 for modules L=1500
	MWX1	24 for modules L=1200
Two end caps	**MWX7**	01-15
Direct coupling with suspension cable L=1500	**MWX8**	01-15
Power supply base with suspension cables L=1500	**MWX9**	01 5 pole for electronic versions
	MWY0	01 8 pole for DALI and emergency
Base with suspension cables L=1500	**MWY1**	01

System composition



iPlan

01 WHITE 15 GREY

Wall-mounted

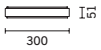
light source	W	length	code	colour
	Up/down light			
TC-L (2G11)	Electronic			
	2x55 W	**640**	**5018**	01-15
	DALI			
	2x55 W	**640**	**5019**	01-15
	Electronic and permanent emergency light			
	2x55 W	**640**	**5020**	01-15

DALI versions occupy 1 address

accessories

	code	colour
Upper safety screen	**MWX4**	24

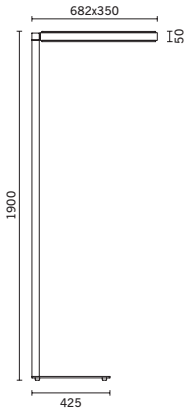
Ceiling-mounted



light source	W	length	code	colour
	UGR<19			
T16 (G5)	Multiwatt			
	2x35/49 W	**1500**	**5187**	01-15
	2x28/54 W	**1200**	**5188**	01-15
	DALI multiwatt			
	2x35/49 W	**1500**	**5189**	01-15
	2x28/54 W	**1200**	**5190**	01-15
	Multiwatt and permanent emergency light			
	2x35/49 W	**1500**	**MM44**	01-15

DALI versions occupy 1 address

Floor lamp



light source	W	code	colour
	Up/down light		
TC-L (2G11)	Electronic double switch on		
	4x28 W	**4580**	01-15
	4x55 W	**4581**	01-15
	DALI		
	4x28 W	**4583**	01-15
	4x55 W	**4584**	01-15
	DALI ACTILUME with motion and lux sensors		
	4x28 W	**4586**	01-15
	4x55 W	**4587**	01-15
	Up/down light - UGR<19		
	Electronic double switch on		
	2x55 W up	**4582**	01-15
	28 W down		
	DALI		
	2x55 W up	**4585**	01-15
	28 W down		
	DALI ACTILUME with motion and lux sensors		
	2x55 W up	**4588**	01-15
	28 W down		

Equipped with a L= 2000 mm cable with a plug

accessories

	code	colour
Upper safety screen	**MWX3**	24
Remote control for ACTILUME versions	**9704**	04 for 4586-4587-4588

iPlan Easy

Wall/ceiling-mounted

Recessed

Features

IP20

- Direct light emission LED fitting.
- Available in ceiling-mounted and recessed versions (using accessory kit).
- Optical assembly in anodised extruded aluminium, methacrylate diffuser screen for general light emission or microprismatic for controlled luminance emission UGR<19.
- Versions with electronic and DALI control gear.
- Luminaire reduced height.
- Ceiling mounted versions with installation kit to be ordered separately as an accessory. The same kit can be used to install the products on walls.

Light distribution

Opal diffuser
The version with frosted polycarbonate diffuser screen guarantees diffused, uniform light distribution.

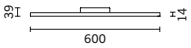
Down light
for recessed and wall/ceiling mounted

Prismatized diffuser
Luminaires with a micro-prismatic screen provide high luminous efficiency and perfect luminance control UGR<19.

Down light
for recessed and wall/ceiling mounted

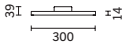
iPlan Easy

01
WHITE



light source	W	lm	length	code	colour
LED	**Low contrast**				
	Neutral white				
	40 W	4500	600	**MT10**	01
	Warm white				
	40 W	4250	600	**MT11**	01
	Neutral white DALI				
	40 W	4500	600	**MT12**	01
	Warm white DALI				
	40 W	4250	600	**MT13**	01
	High contrast UGR<19				
	Neutral white				
	40 W	4500	600	**MT14**	01
	Warm white				
	40 W	4250	600	**MT15**	01
	Neutral white DALI				
	40 W	4500	600	**MT16**	01
	Warm white DALI				
	40 W	4250	600	**MT17**	01

On request available in colour 12 aluminium
DALI versions occupy 1 address



light source	W	lm	length	code	colour
LED	**Low contrast**				
	Neutral white				
	40 W	4500	1200	**MT18**	01
	Warm white				
	40 W	4250	1200	**MT19**	01
	Neutral white DALI				
	40 W	4500	1200	**MT20**	01
	Warm white DALI				
	40 W	4250	1200	**MT21**	01
	High contrast UGR<19				
	Neutral white				
	40 W	4500	1200	**MT22**	01
	Warm white				
	40 W	4250	1200	**MT23**	01
	Neutral white DALI				
	40 W	4500	1200	**MT24**	01
	Warm white DALI				
	40 W	4250	1200	**MT25**	01

On request available in colour 12 aluminium
DALI versions occupy 1 address

Ceiling/wall-mounted installation

	code	colour
Ceiling/wall-mounted installation kit	**MX49**	00
	for modules 600x600	
	MX50	00
	for modules 300x1200	

Recessed installation

	code	colour
Adapter for installation in plasterboard false ceilings	**9695**	00
	for modules 600x600	
	9689	00
	for modules 300x1200	
Adapter for installation in false ceilings with 625x625 tiles	**MX76**	00

Lightshine

design Bruno Gecchelin

complete pendant

continuous line pendant

Features

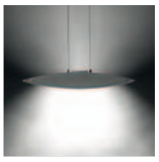
IP20

- Suspended direct/indirect light emission LED system.
- Manufactured in very thin aluminium profile; thermoplastic end caps.
- Versions with electronic and DALI control gear.
- Luminaire reduced height.
- Available in two direct emission versions: low contrast for general light with opal diffuser screen; high contrast with modules for controlled luminance direct light UGR<19; diffused indirect emission for all versions.
- Suspension cables equipped with millimetric regulation system.

Compact size

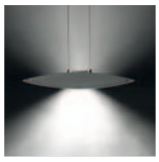
Light distribution

Low Contrast
General light
Uniform, comfortable, glare-free light emission.



Up/down light
Up 20%
Down 80%

High Contrast
UGR<19 visual comfort
High lighting design performance and controlled luminance, ideal for areas where video terminals are used.



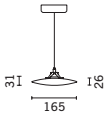
Up/down light
Up 45%
Down 55%

Lightshine

01
WHITE

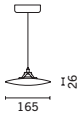
15
GREY

Complete pendants



light source	W	lm	length	code colour
LED	Up/down light - Low contrast			
	Neutral white			
	54 W	7280	1387	**MJ29** 01-15
	Warm white			
	54 W	6770	1387	**MJ30** 01-15
	Neutral white DALI			
	54 W	7280	1387	**MJ31** 01-15
	Warm white DALI			
	54 W	6770	1387	**MJ32** 01-15

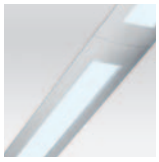
Complete with end cap, power supply base and suspension cables L=1500



light source	W	lm	length	code colour
LED	Up/down light - High contrast UGR<19			
	Neutral white			
	56 W	5260	1284	**MJ21** 01-15
	Warm white			
	56 W	4900	1284	**MJ22** 01-15
	Neutral white DALI			
	56 W	5260	1284	**MJ23** 01-15
	Warm white DALI			
	56 W	4900	1284	**MJ24** 01-15

Complete with end cap, power supply base and suspension cables L=1500

Continuous line modules



light source	W	lm	length	code colour
LED	Up/down light - Low contrast			
	Neutral white			
	54 W	7280	1381	**MJ33** 01-15
	Warm white			
	54 W	6770	1381	**MJ34** 01-15
	Neutral white DALI			
	54 W	7280	1381	**MJ35** 01-15
	Warm white DALI			
	54 W	6770	1381	**MJ36** 01-15

light source	W	lm	length	code colour
LED	Up/down light - High contrast UGR<19			
	Neutral white			
	56 W	5260	1278	**MJ25** 01-15
	Warm white			
	56 W	4900	1278	**MJ26** 01-15
	Neutral white DALI			
	56 W	5260	1278	**MJ27** 01-15
	Warm white DALI			
	56 W	4900	1278	**MJ28** 01-15

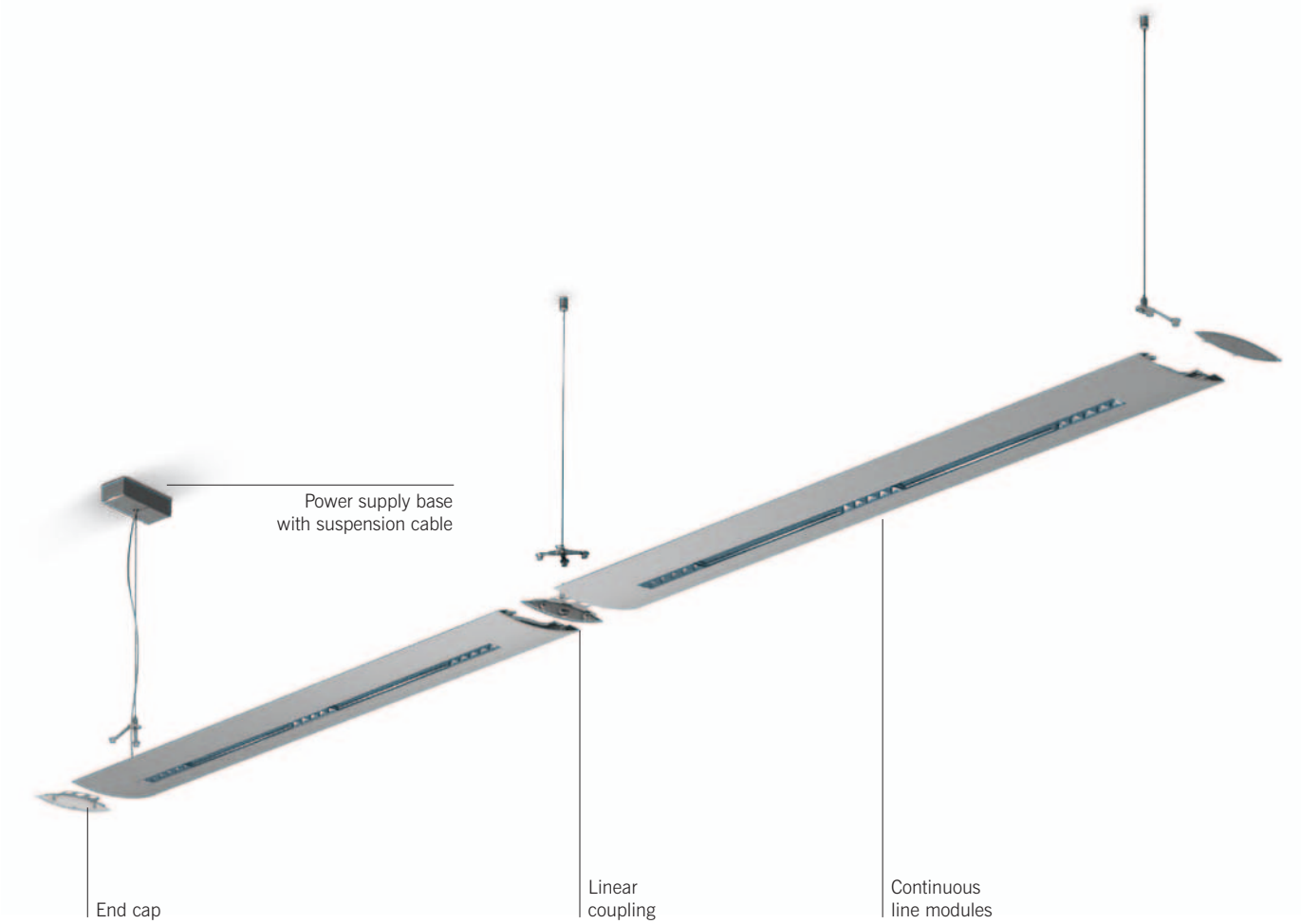
installation systems

	code	colour
Two end caps	**MX70**	01-86
Linear coupling complete with suspension cable	**MX71**	01-86
Power supply unit with suspension cable L=1500	**MX72**	01
Suspension cable L=1500	**MX73**	00

For information on system composition please refer to the instructions sheet

Lightshine

System composition



IBM Rome Lab History
IBM
1979-1990
Early 1990
Late 1990
2000-2007
2008-2009
TODAY

Lens

design Iosa Ghini

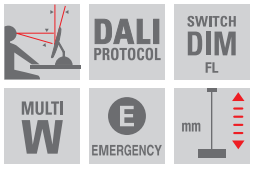
complete pendant

continuous line pendant

Features

IP20

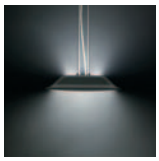
- Direct/indirect light emission fluorescent fitting.
- Pendant installation.
- Extruded aluminium body.
- Injection moulded plastic end caps.
- Prismatic methacrylate diffuser screen for excellent luminance control.
- Professional optics with controlled luminance UGR<19.
- Available electronic multiwatt and DALI control gear, and permanent emergency light; 1,5 hours autonomy with 12 hour recharging cycle - 3 hours autonomy with 24 hour recharging cycle. Conforms to EN60598-2-22.
- Dimmable DALI versions with Switch Dim: can be switched on and off via a regular electric button.
- Suspension cables equipped with millimetric regulation system.



Prismatic methacrylate diffuser screen

Light distribution

Up/down light
Double luminous emission for suspended versions. The direct light guarantees uniform effective general lighting, while the up light emission creates a pleasant diffused atmosphere.



UGR<19
ECA Compliance (2x35 W)
1000 cd/m² 65° (2x28/35 W)
1500 cd/m² 65° (2x49 W)

Down light
The down light of the pendant version can be obtained by fitting the upper cover.

UGR<19
ECA Compliance
1500 cd/m² 65° (2x28/35 W)

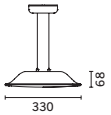
IBM Software headquarters - Rome, Italy
Architectural and lighting project: Iosa Ghini Associati - Photo: Santi Caleca

Lens

01
WHITE

15
GREY

Complete pendants



light source	W	length	code colour
	Up/down light		
T16 (G5)	Multiwatt		
	2x28/54 W	1277	**M293** 01-15
	2x35/49 W	1577	**M294** 01-15
	DALI multiwatt		
	2x28/54 W	1277	**M295** 01-15
	2x35/49 W	1577	**M296** 01-15
	Multiwatt and permanent emergency light		
	2x35/49 W	1577	**MM37** 01-15

DALI versions occupy 1 address
Complete with power supply base and suspension cables L=1500

accessories

	code colour
Upper cover for down light emission	**MWE4** 01-15 for versions L=1277 **MWE5** 01-15 for versions L=1577
Upper safety screen	**MWE2** 24 for versions L=1277 **MWE3** 24 for versions L=1577

Continuous line modules

light source	W	length	code colour
	Up/down light		
T16 (G5)	Multiwatt		
	2x28/54 W	1175	**M298** 01-15
	2x35/49 W	1475	**M299** 01-15
	DALI multiwatt		
	2x28/54 W	1175	**M300** 01-15
	2x35/49 W	1475	**M301** 01-15
	Multiwatt and permanent emergency light		
	2x35/49 W	1475	**MM38** 01-15

DALI versions occupy 1 address

accessories and installation systems

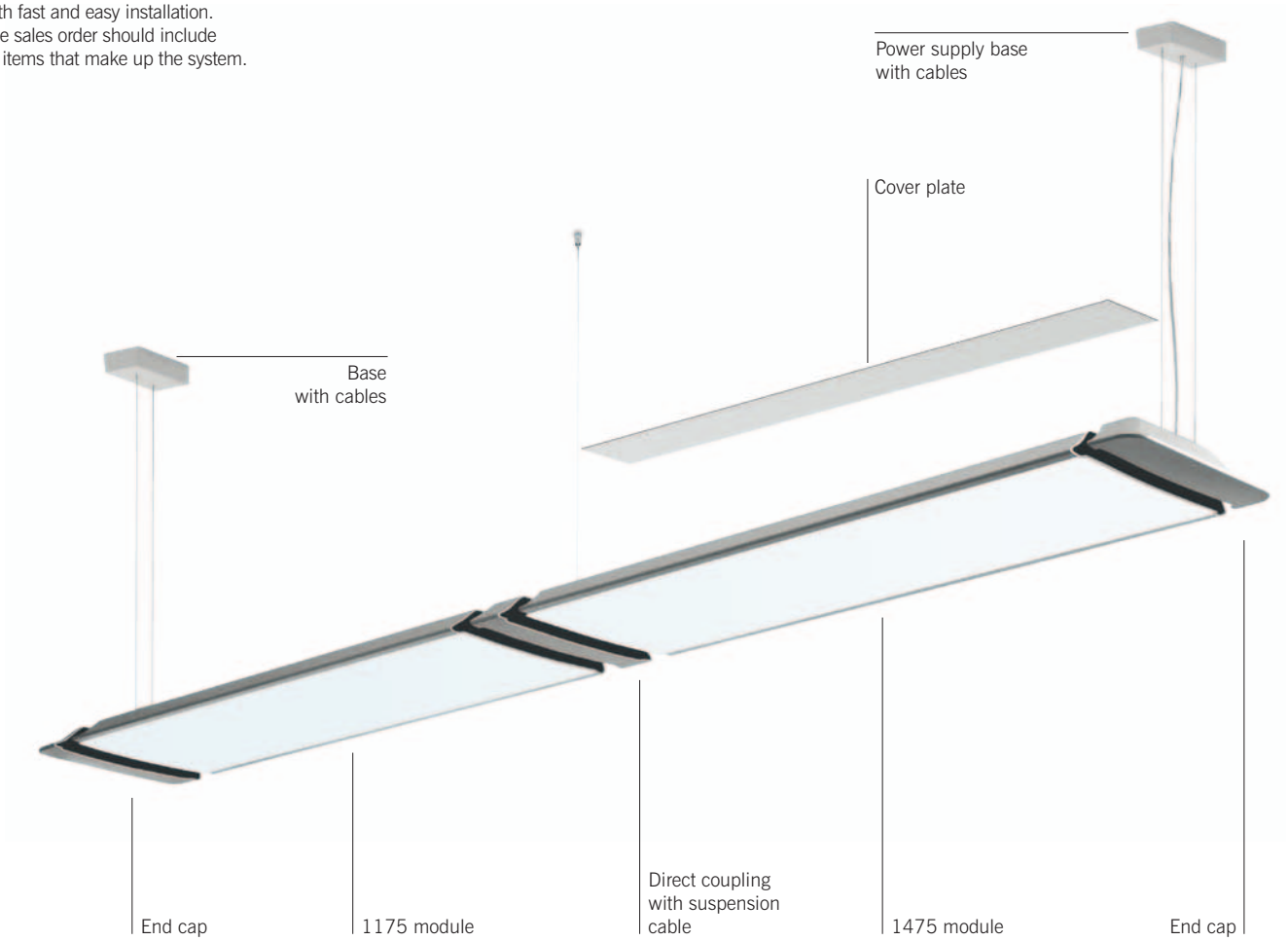
	code colour
Upper cover for down light emission	**MWE4** 01-15 for modules L=1175 **MWE5** 01-15 for modules L=1475
Upper safety screen	**MWE2** 24 for modules L=1175 **MWE3** 24 for modules L=1475
Two end caps	**MW98** 01-15
Direct coupling with suspension cable L=1500	**MW99** 01-15
Power supply base with suspension cables L=1500	**MWA0** 01 for electronic versions **MWA1** 01 for DALI and emergency
Base with suspension cables L=1500	**MWA2** 01

For information on system composition please refer to the instructions sheet

Lens

System composition

Lens in continuous line version combines maximum flexibility with fast and easy installation. The sales order should include all items that make up the system.



Light air

design Bruno Gecchelin

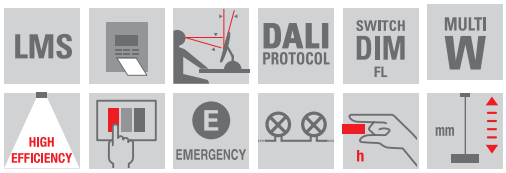
single module

continuous line modules

Features

IP20

- Pendant installation.
- Galvanised, painted sheet steel body.
- Versions with diffused light and dark VDU emission, using super-pure aluminium reflector a controlled luminance UGR<19.
- High level of light output.
- Available electronic and DALI control gear, and permanent emergency light; 1,5 hours autonomy with 12 hour recharging cycle - 3 hours autonomy with 24 hour recharging cycle. Conforms to EN60598-2-22.
- Dimmable DALI versions with Switch Dim: can be switched on and off via a regular electric button.
- Separate switches.
- Luminaire ready for pass-through wiring.
- Luminaire reduced height.
- Suspension cables equipped with millimetric regulation system.



Light distribution

Darklight
Negative contrast up/down module (L≤200 cd/m²), with super-pure specular aluminium optics, ideal for lighting offices where video terminals are used.

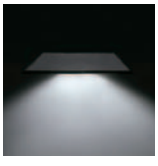
Up/down light

Down light

Down Light emission with cover accessory.

General light up/down light
General light module with polycarbonate diffuser screen, for up and up/down light. Creates diffused lighting ideal for offices, schools, shopping centres, stores, showrooms.

Up/down light



Down light

Down Light emission with cover accessory.

General light up light
Module for total emission general up light.

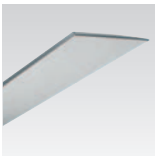
Up light

Light air

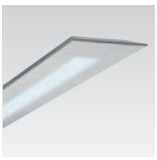
01
WHITE

15
GREY

light source	W	length	code	colour
	Darklight up/down light module			
T16 (G5)	Electronic			
	2x28W	1400	**3371**	01-15
	2x35W	1700	**3372**	01-15
	2x54W	1400	**3257**	01-15
	DALI			
	2x28W	1400	**3393**	01-15
	2x35/49W	1700	**3394**	01-15
	2x54W	1400	**3259**	01-15
	Electronic and permanent emergency light with inverter			
	2x35W	1700	**MM51**	01-15
	DALI versions occupy 1 address			



light source	W	length	code	colour
	Up light module			
T16 (G5)	Electronic			
	2x35W	1700	**3382**	01-15
	2x54W	1400	**3383**	01-15
	2x80W	1700	**3256**	01-15
	DALI multiwatt			
	2x35/49W	1700	**3397**	01-15
	2x28/54W	1400	**3398**	01-15
	Electronic and permanent emergency light with inverter			
	2x35W	1700	**MM53**	01-15
	DALI versions occupy 1 address			



light source	W	length	code	colour
	General light up/down light module			
T16 (G5)	Electronic			
	2x35W	1700	**3377**	01-15
	2x54W	1400	**3378**	01-15
	2x80W	1700	**3255**	01-15
	DALI multiwatt			
	2x35/49W	1700	**3395**	01-15
	2x28/54W	1400	**3396**	01-15
	Electronic and permanent emergency light with inverter			
	2x35W	1700	**MM52**	01-15
	DALI versions occupy 1 address			

accessories and installation systems

	code	colour
Upper cover for down light emission	**9151**	01-15
	for Darklight module L=1400	
	9152	01-15
	for Darklight module L=1700	
Upper safety screen	**9119**	24
	for Darklight module L=1400	
	9118	24
	for Darklight module L=1700	
Upper safety screen	**9121**	24
	for General light module L=1400	
	9120	24
	for General lightg module L=1700	
90° joint with end caps	**9110**	01-86
Intermediate coupling with suspension cable L=2000	**9111**	01-86
Base with suspension cables L=1500	**9168**	01-86
Power supply base with suspension cables L=1500	**9169**	01-86
	for electronic versions	
	9170	01-86
	for DALI and emergency	
Versions with transparent power-supply cable are supplied upon request		

For information on system composition please refer to the instructions sheet

Mini Light air

design Bruno Gecchelin

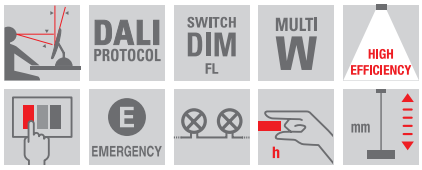
complete pendant

continuous line pendant

Features

IP20

- Pendant installation.
- Galvanised, painted sheet steel body.
- Versions with diffused light and dark VDU emission, using super-pure aluminium reflector a controlled luminance UGR<19.
- High level of light output.
- Available electronic and DALI control gear and emergency with inverter.
- Dimmable DALI versions with Switch Dim: can be switched on and off via a regular electric button.
- Separate switches.
- Luminaire ready for pass-through wiring.
- Luminaire reduced height.
- Suspension cables equipped with millimetric regulation system.



Light distribution

Darklight
The Dark VDU module L≤1000 cd/m² for α>65° is ideal for offices with video terminals.

Up/down light

Down light

Down Light emission with cover accessory.

General light
The module with polycarbonate diffuser screen is recommended for diffused lighting for commercial premises, stores, showrooms and shopping centres.

Up/down light

Down light

Down Light emission with cover accessory.

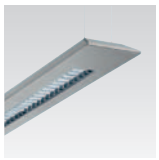
International School of Zug and Luzern - Baar, Switzerland
Architectural and lighting project: Germann & Achermann AG - Photo: Günter Laznia

Mini Light air

01
WHITE

15
GREY

Complete pendants



light source	W	length	code	colour
	Darklight up/down light			
T16 (G5)	Multiwatt			
	35/49/80 W	1700	**M105**	01-15
	28/54 W	1400	**M106**	01-15
	DALI multiwatt			
	28/54 W	1400	**M107**	01-15
	35/49/80 W	1700	**M108**	01-15
	Multiwatt and permanent emergency light			
	35/49/80 W	1700	**M109**	01-15

DALI versions occupy 1 address
Complete with power supply base and suspension cables L=1500

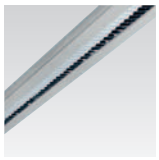
light source	W	length	code	colour
	General ligh up/down light			
T16 (G5)	Multiwatt			
	35/49/80 W	1700	**M116**	01-15
	28/54 W	1400	**M117**	01-15
	DALI multiwatt			
	28/54 W	1400	**M118**	01-15
	35/49/80 W	1700	**M119**	01-15
	Multiwatt and permanent emergency light			
	35/49/80 W	1700	**M120**	01-15

DALI versions occupy 1 address
Complete with power supply base and suspension cables L=1500

accessories

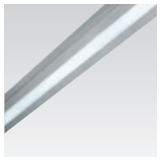
	code	colour
Upper cover for down light emission	**2922**	01-15 for versions L=1400
	2923	01-15 for versions L=1700
Upper safety screen	**2920**	24 for versions L=1400
	2921	24 for versions L=1700

Continuous line modules



light source	W	length	code	colour
	Darklight up/down light module			
T16 (G5)	Multiwatt			
	35/49/80 W	1700	**3186**	01-15
	28/54 W	1400	**3187**	01-15
	DALI multiwatt			
	28/54 W	1400	**3190**	01-15
	35/49/80 W	1700	**3191**	01-15
	Multiwatt and permanent emergency light			
	35/49/80 W	1700	**3192**	01-15

DALI versions occupy 1 address



light source	W	length	code	colour
	General ligh up/down light module			
T16 (G5)	Multiwatt			
	35/49/80 W	1700	**3193**	01-15
	28/54 W	1400	**3194**	01-15
	DALI multiwatt			
	28/54 W	1400	**3197**	01-15
	35/49/80 W	1700	**3198**	01-15
	Multiwatt and permanent emergency light			
	35/49/80 W	1700	**3199**	01-15

DALI versions occupy 1 address

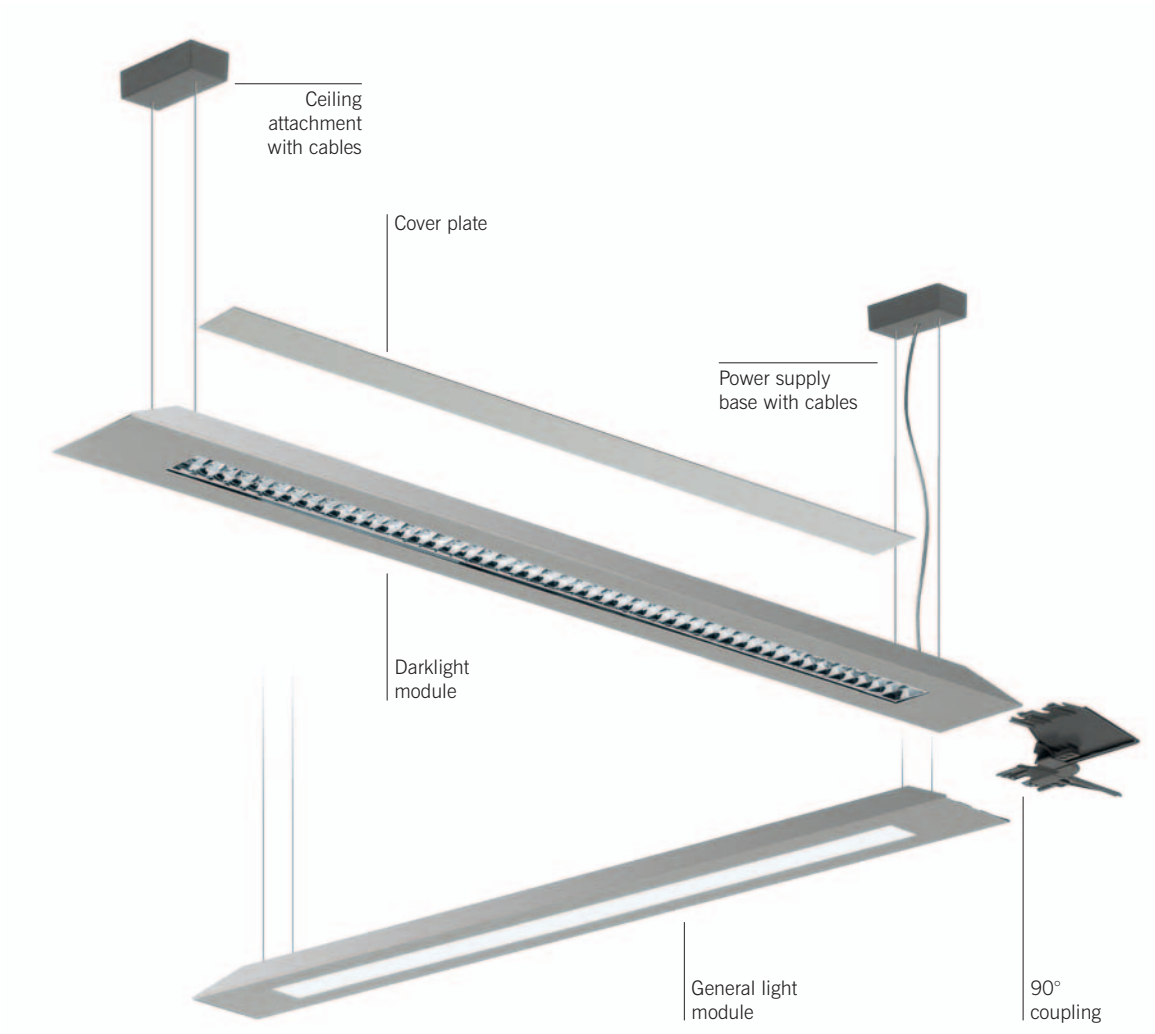
accessories and installation systems

	code	colour
Upper cover for down light emission	**2922**	01-15 for modules L=1400
	2923	01-15 for modules L=1700
Upper safety screen	**2920**	24 for modules L=1400
	2921	24 for modules L=1700
90° joint with end caps Two installation systems need to be ordered separately in order to apply the 90° joint	**2918**	01-86
Intermediate coupling with suspension cables L=1500	**2919**	01-86
Base with suspension cables L=1500	**2924**	01-86
Power supply base with suspension cables L=1500 Transparent power-supply cable	**2925**	01-86 for electronic versions
	2926	01-86 for DALI and emergency

For information on system composition please refer to the instructions sheet

Mini Light air

System composition



Action

design Jean Michel Wilmotte

pendant

ceiling-mounted

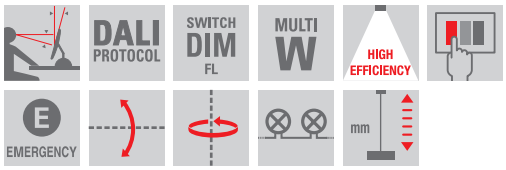
semi-recessed

recessed

Features

IP20

- Pendant, ceiling-mounted, recessed and semi-recessed in false ceilings with thickness of 12.5 and 15 mm.
- Painted extruded aluminium structure.
- Aluminium grouping joints.
- Painted polycarbonate end caps.
- Transparent polycarbonate upper protective screen for pendant version.
- Versions with diffused light and dark VDU emission, using super-pure aluminium reflector a controlled luminance UGR<19.
- Accent light modules complete with adjustable and extractable spotlights.
- High level of light output.
- Available electronic and DALI control gear and permanent emergency light; 1,5 hours autonomy with 12 hour recharging cycle - 3 hours autonomy with 24 hour recharging cycle. Conforms to EN60598-2-22.
- Multiwatt ballasts.
- Dimmable DALI versions with Switch Dim: can be switched on and off via a regular electric button.
- Separate switches.
- Luminaire ready for pass-through wiring.
- Suspension cables equipped with millimetric regulation system.



Light distribution

Darklight
Versions with Darklight optic made of specular aluminium. Versions with controlled luminance in compliance with EN 12464-1. Ideal for installation in spaces with monitors.

Up/down light

Down light

Down Light emission with cover accessory.

General light
Polycarbonate diffusing screen models for general lighting. Homogeneous light emission with limited direct glare from lamps. Ideal for installation in exhibition areas, meeting rooms, and halls.

Up/down light

Down light

Down Light emission with cover accessory.

Action

Light distribution

Wall Washer
Wall washer optic models made of ultra pure aluminium. Reflector is optimized for lighting vertical surfaces with perfectly uniform lighting. Ideal for installation in exhibition areas, libraries, and commercial spaces.

Wall Washer

Accent lighting
Accent lighting models with halogen and discharge lamps. Light emission with spot and flood light cones. Ideal to light certain objects or to create light effects in exhibition areas, commercial spaces, managerial offices, meeting rooms, and halls.

Spot - **S**

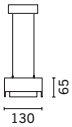
Medium - **M**

Flood - **F**

Complete pendants

light source	W	length	code	colour
	Darklight up/down light			
T16 (G5)	Multiwatt			
	2x35/49W	1517	**6677**	01-15
	2x28/54W	1217	**6678**	01-15
	DALI multiwatt			
	2x35/49W	1517	**6679**	01-15
	2x28/54W	1217	**6680**	01-15
	DALI multiwatt automatic dimming			
	2x35/49W	1517	***6681**	01-15
	2x28/54W	1217	***6682**	01-15
	Multiwatt and permanent emergency light			
	2x35/49W	1517	**MM45**	01-15

DALI versions occupy 1 address
Complete with power supply base and suspension cables L=1500
* Complete with lux and motion sensor



	General ligh up/down light			
T16 (G5)	Multiwatt			
	2x35/49W	1517	**6691**	01-15
	2x28/54W	1217	**6692**	01-15
	DALI multiwatt			
	2x35/49W	1517	**6693**	01-15
	2x28/54W	1217	**6694**	01-15
	Multiwatt and permanent emergency light			
	2x35/49W	1517	**MM46**	01-15

DALI versions occupy 1 address
IP40 with upper safety screen
Complete with power supply base and suspension cables L=1500

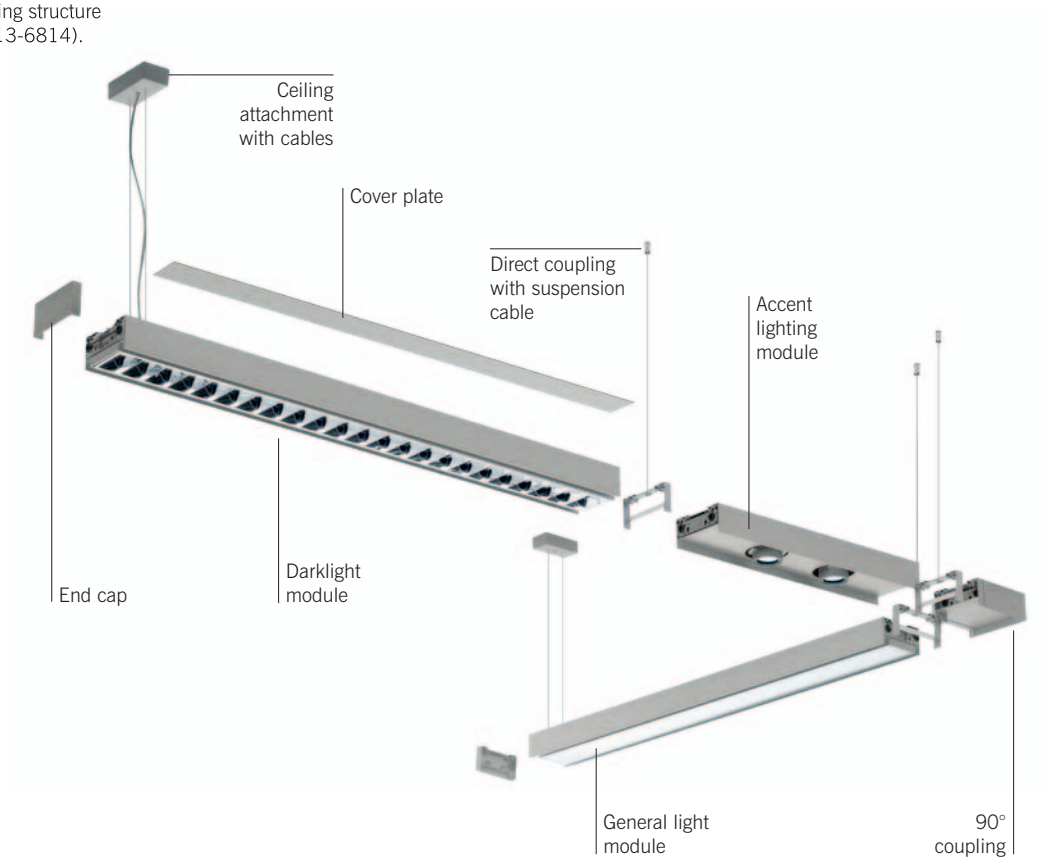
accessories

	code	colour
Upper cover for down light emission	**6805**	01-15 for versions L=1217
	6806	01-15 for versions L=1517
Upper safety screen	**6807**	24 for versions L=1217
	6808	24 for versions L=1517
Infrared control for versions with automatic dimming	**9704**	04 for 6681-6682

Action

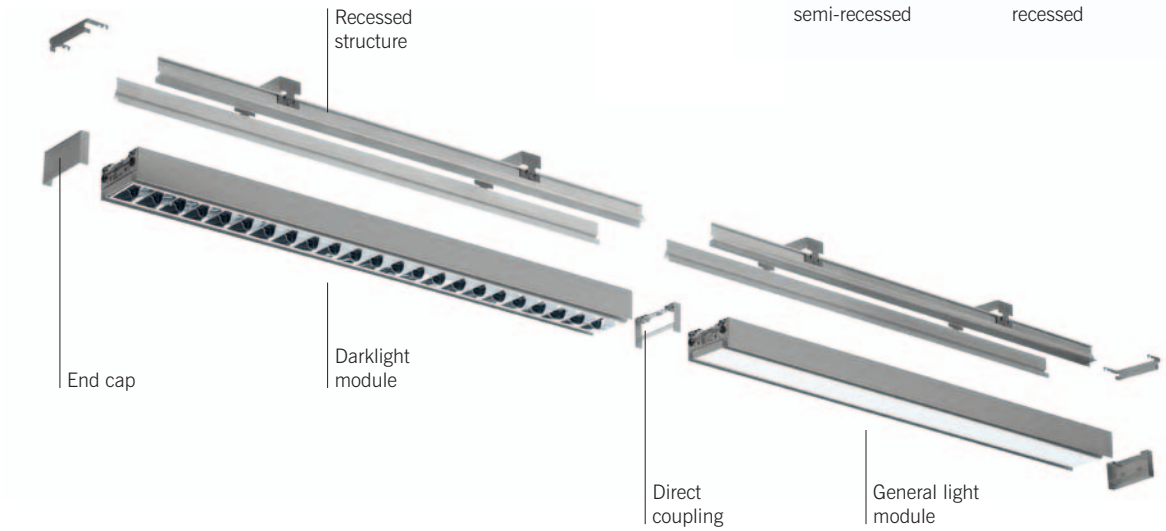
System composition - pendant / ceiling-mounted

The **ceiling-mounted version** uses the same grouping system, substituting the suspension kit with the ceiling-mounting structure (code 6811-6812-6813-6814).



System composition - recessed / semi-recessed

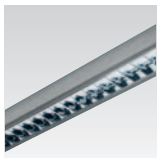
The **semi-recessed version** uses the same grouping system.



Action

01 WHITE 15 GREY

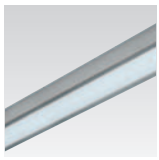
Continuous line modules



130 65

light source	W	length	code colour
	Darklight up/down light module		
T16 (G5)	Multiwatt		
	35/49/80 W	1477	**6600** 01-15
	2x35/49 W	1477	**6602** 01-15
	2x28/54 W	1177	**6601** 01-15
	DALI multiwatt		
	2x35/49 W	1477	**6605** 01-15
	2x28/54 W	1177	**6606** 01-15
	Multiwatt and permanent emergency light		
	2x35/49 W	1477	***MM49** 01-15

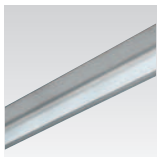
DALI versions occupy 1 address
* For ceiling-mounted/recessed installation exclusively use 35 W



130 65

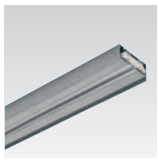
light source	W	length	code colour
	General lighting module up/down light		
T16 (G5)	Multiwatt		
	2x35/49 W	1477	**6609** 01-15
	2x28/54 W	1177	**6608** 01-15
	DALI multiwatt		
	2x35/49 W	1477	**6612** 01-15
	2x28/54 W	1177	**6613** 01-15
	Multiwatt and permanent emergency light		
	2x35/49 W	1477	***MM50** 01-15

IP40 with upper safety screen, with ceiling-mounted attachment or recessed structure
DALI versions occupy 1 address
* For ceiling-mounted/recessed installation exclusively use 35 W



130 65

light source	W	length	code colour
	Wall-washer module		
T16 (G5)	Multiwatt		
	35/49/80 W	1477	**6615** 01-15
	28/54 W	1177	**6616** 01-15



130 66

	Track module		
	Standard		
		1200	**6767** 01-15

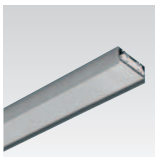
L track = 1000

130 66

light source	W	lm	length	optic	code colour
	Accent lighting module with 1 optical assembly				
LED	Neutral white				
	2 W	130	400	24°	**6768** 01-15
QR CBC 51 (GU5,3)	Electronic				
	50 W 12V		400		**6618** 01-15
HIT-CE (PGJ5)	Electronic				
	20 W		400	8°	**6619** 01-15
	20 W		400	38°	**6620** 01-15

130 66

light source	W	lm	length	optic	code colour
	Accent lighting module with 2 optical assemblies				
LED	Neutral white				
	2x2 W	130	600	24°	**6769** 01-15
QR CBC 51 (GU5,3)	Electronic				
	2x50 W 12V		600		**6621** 01-15
HIT-CE (PGJ5)	Electronic				
	2x20 W		600	8°	**6622** 01-15
	2x20 W		600	38°	**6623** 01-15



130 66

Structural module		
400	**6624** 01-15	
600	**6625** 01-15	
1177	**6626** 01-15	
1477	**6627** 01-15	

Action

accessories

	code	colour
Upper cover for down light emission	**6805**	01-15 for Darklight and general lighting modules L=1177
	6806	01-15 for Darklight and general lighting modules L=1477
Upper safety screen	**6807**	24 for general lighting modules L=1177
	6808	24 for general lighting modules L=1477
Two end caps Should be ordered two for each single module or composition	**6800**	01-15
Spill ring for accent lighting modules	**9545**	04

installation systems

	code	colour
Direct coupling with suspension cable L=1500	**6802**	01-15
90° joint with suspension cable L=1500	**6804**	01-15
Base with suspension cables L=1500	**6809**	01-15
Power supply base with suspension cables L=1500	**6810**	01-15 5 pole for electronic versions
	6824	01-15 8 pole for DALI and emergency

For information on system composition please refer to the instructions sheet

recessed/semi-recessed/ceiling-mounted installation

	code	colour
Direct coupling	**6801**	01-15
90° coupling	**6803**	01-15
Structure for ceiling installation	**6811**	01-15 for modules L=400
	6812	01-15 for modules L=600
	6813	01-15 for modules L=1177
	6814	01-15 for modules L=1477

	code	colour
Structure for recessed and semi-recessed installation for false ceilings 12,5 mm Complete with spacers. If several modules are to be installed, the length of the groove into the false ceiling must be the same as the overall length of the structures + 18 mm	**6815**	00 for modules L=400
	6816	00 for modules L=600
	6817	00 for modules L=1177
	6818	00 for modules L=1477
End caps for the structure 1 pair must be ordered for each single structure or composition	**6823**	00

For information on system composition please refer to the instructions sheet

i.Lab italcementi - Stezzano, Italy
Architectural project: Richard Meier & Partners Architects LLP
Lighting project: Piero Castiglioni, Guido Bianchi - Photo: Paolo Carlini

Y Light

design Studio & Partners

Features

IP20

- Pendant and wall-mounted installation and floor lamp version.
- Optical assembly with extruded aluminium lateral profiles.
- Injection moulded polycarbonate end caps, painted sheet steel internal structure.
- Floor lamp version: extruded aluminium shaft with quick-coupling connectors for assembly to the 8 mm thick steel base.
- Luminaires with controlled luminance, suitable for use in environments with video terminals.
- Available electronic and DALI control gear and emergency with inverter.
- Dimmable DALI versions with Switch Dim: can be switched on and off via a regular electric button.
- Pendant version with cables equipped with millimetric regulation system.

DALI PROTOCOL · SWITCH DIM FL · EMERGENCY · mm

Light distribution

Polycarbonate screens
Another version has a micro-prismatic polycarbonate diffuser and polycarbonate transflective film.
Light flow emission is:
65% up light, 35% down light.

Up/down light

Y Light

Versions

Y Light pendant, wall-mounted and floor lamp, is a system of luminaires for working areas and those where video terminals are used, for showrooms and meeting rooms.

Wall-mounted TC-L

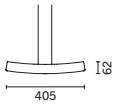
Floor lamp

Versions with day-light sensor and presence detector are available

Y Light

15
GREY

Pendant



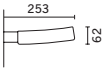
light source	W	length	code	colour
	Up/down light			
TC-L (2G11)	Dual-start electronic			
	4x55 W	620	**3040**	15
	4x80 W	620	**3041**	15
	DALI			
	4x55 W	620	**3042**	15

DALI versions occupy 2 addresses
Complete with covering base, power-supply cable and steel suspension cables L=1500

accessories

	code	colour
Upper safety screen	**9142**	24
	for 3040-3042	

Wall-mounted



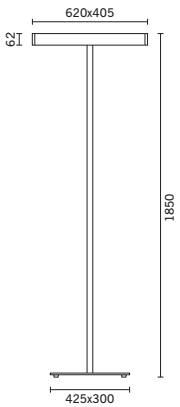
light source	W	length	code	colour
	Up/down light			
TC-L (2G11)	Electronic			
	2x55 W	620	**5152**	15
	2x80 W	620	**5155**	15
	DALI			
	2x55 W	620	**5153**	15
	Electronic and permanent emergency light			
	2x55 W	620	**5154**	15

DALI versions occupy 1 address

accessories

	code	colour
Upper safety screen	**9171**	24
	for 5152-5153	

Floor lamp



light source	W	code	colour
	Up/down light		
TC-L (2G11)	Dual-start electronic		
	4x55 W	**4577**	15
	DALI and manual light adjustment		
	4x55 W	**4578**	15
	DALI with motion and lux sensors		
	4x55 W	**4579**	15

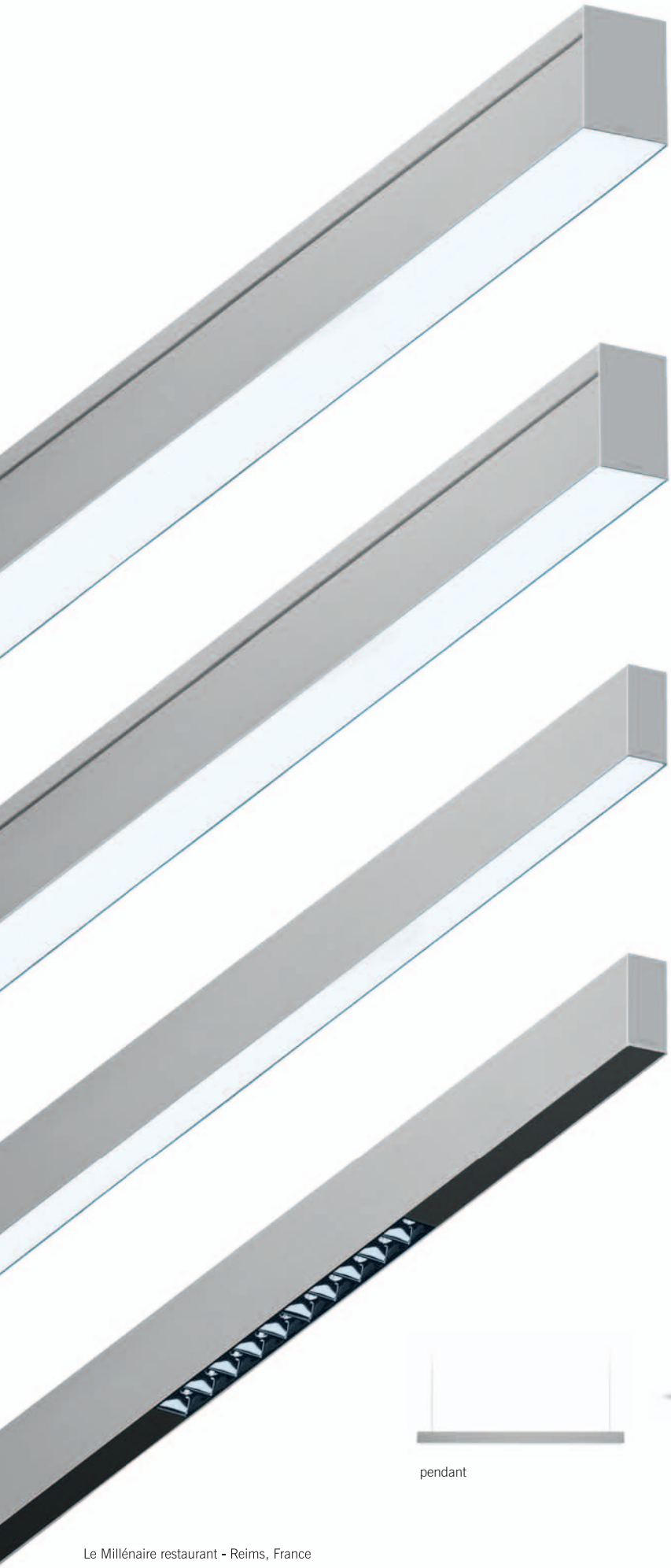
Supplied with cable L=2000 with plug

accessories

	code	colour
Upper safety screen	**9142**	24
	for 4577-4578	

Woodland Trust Headquarters - Grantham, England
Architectural project: Feilden Clegg Bradley Studios, Will Garner - Photo: Peter Cook

iN 90 - iN 60 - iN 30



iN 90

iN 60

iN 60 LED

iN 30 FL

iN 30 LED
Low contrast

iN 30 LED
High contrast

pendant | ceiling-mounted | recessed | wall-mounted

Le Millénaire restaurant - Reims, France
Architectural project: Giovanni Pace - Photo: Daniel Rapaich

iN90 - iN60

Structural elements

Initial module
complete with through wiring
and diffuser

single module

double module

triple module

Continuous line module
complete with diffuser
and available in triple version

triple module

Angular module
complete with wired plate,
through wiring and diffuser

angular module

wall-ceiling
angular module

Plate for electronic control gear
also available with DALI control gear
and emergency lighting

single plate

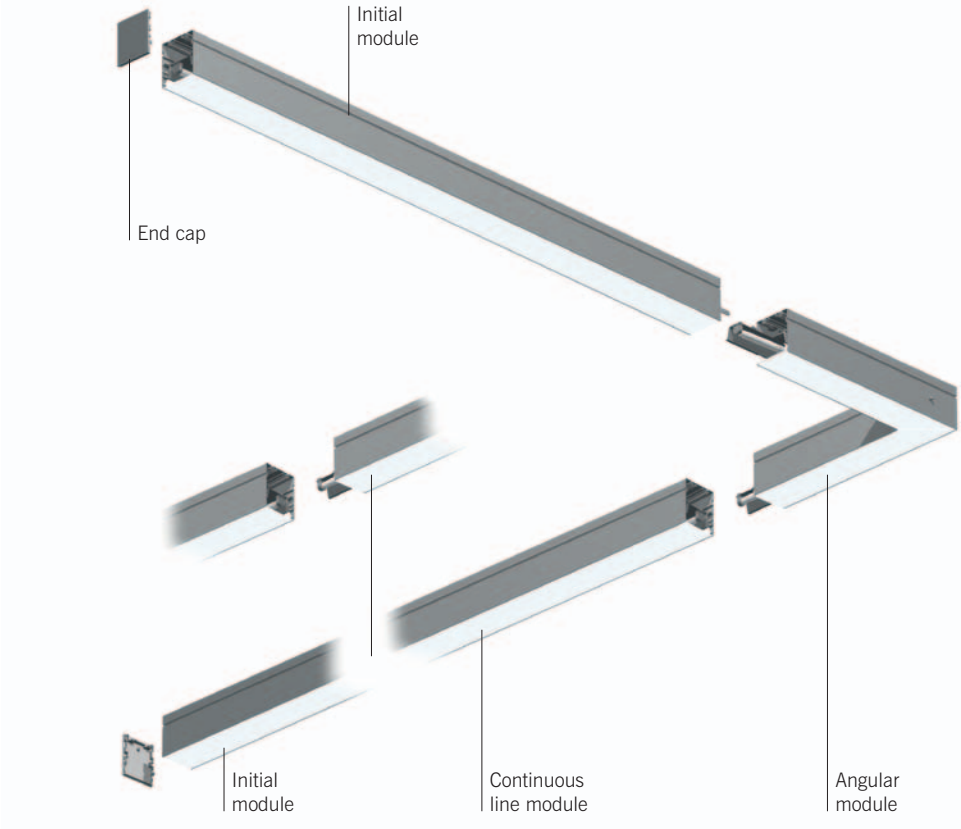
Pass-through cables for continuous line modules
complete with terminal blocks
and available in lengths: 3, 6, 9
and 12 modules

This aggregation system allows creating the most diverse compositions.

For the complete order please add the codes of the installation system you have chosen.

For complex installations, consult the instruction manual and/or online configurator.

http://inconfigurator.iguzzini.it/

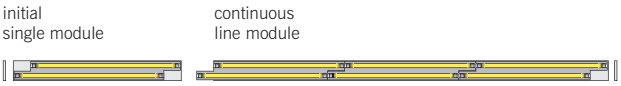


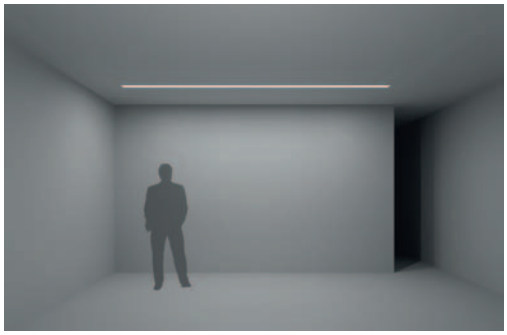
iN 90 - iN 60

Composition

① **iN 90 Minimal: overlapping linear composition L=4,8m**

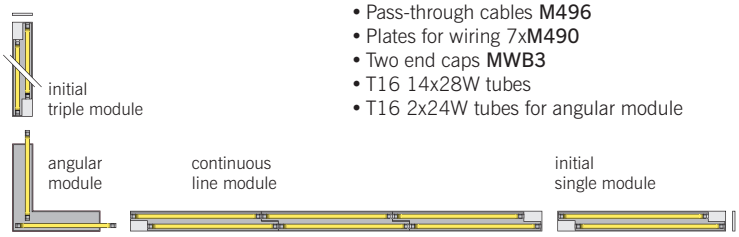
- Initial single module **M434**
- Continuous line module **M440**
- Pass-through cables **M496**
- Plates for wiring 4x**M490**
- Two end caps **MWB3**
- T16 8x28/54W tubes

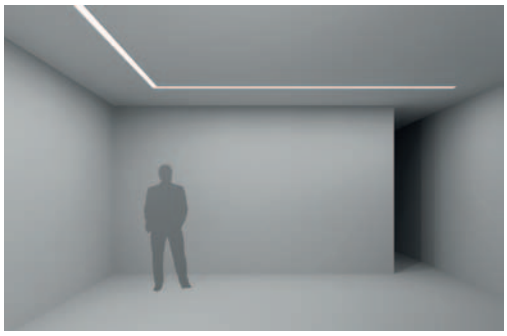




② **iN 90 Minimal: overlapping angular composition L₁=4,3m - L₂=5,5m**

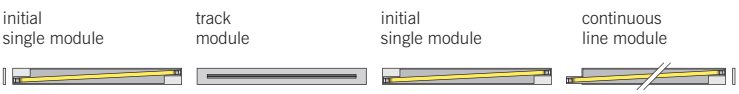
- Initial triple module **M436**
- Initial single module **M434**
- Continuous line module **M440**
- Angular module **MWA7**
- Pass-through cables **M496**
- Plates for wiring 7x**M490**
- Two end caps **MWB3**
- T16 14x28W tubes
- T16 2x24W tubes for angular module

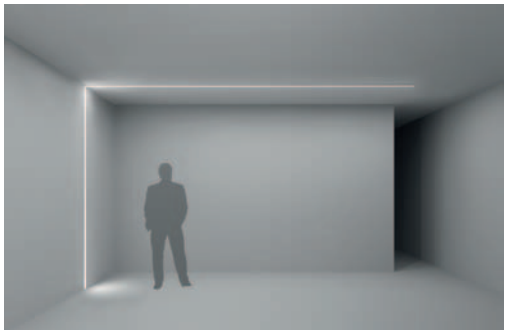




③ **iN 60 Minimal: overlapping linear composition L=8,6m with track module**

- Initial single module 2x**M678**
- Track module **MWH4**
- Continuous line module **M682**
- Pass-through cables **M757**
- Plates for wiring 7x**M748**
- Two end caps **MWH5**
- T16 5x35/49/80W tubes





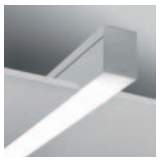
iN 90

Features

IP20

- Modular lighting systems for continuous lines.
- Pendant, recessed, ceiling-mounted and wall-mounted installation.
- Extruded aluminium profile.
- Zamak end caps.
- Sheet steel wired lamp holder plate.
- Available electronic and DALI control gear.
- Multiwatt ballasts.
- High level of light output.
- Pendant version with cables equipped with a system for millimetric regulation.

Pendant (Minimal)



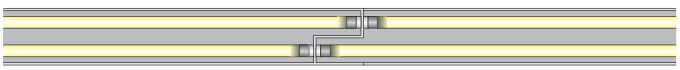
Recessed (Minimal and Frame)

Ceiling-mounted (Minimal)

Wall-mounted (Minimal)

Light sources

iN 90 two-lamp version with overlapping systems, using T16 fluorescent tubes.

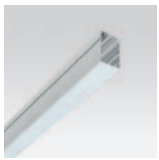


Overlapping

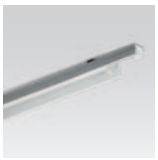
iN 90

12
ALUMINIUM

Minimal



	length	plates	code colour
Initial module complete with pass-through wiring			
for plate 21 W			
	985	1	**M433** 12
for plate 28/54 W			
	1285	1	**M434** 12
	2452	2	**M435** 12
	3626	3	**M436** 12
for plate 35/49 W			
	1585	1	**M437** 12
	3052	2	**M438** 12
	4526	3	**M439** 12
Continuous line module			
for plate 28/54 W			
	3526	3	**M440** 12
for plate 35/49 W			
	4426	3	**M441** 12

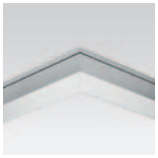


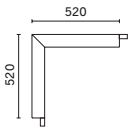
light source	W	code colour
	Two-lamp plate	
T16 (G5)	Electronic	
	2x21 W	**M489** 01
	2x28/54 W	**M490** 01
	2x35/49 W	**M491** 01
	DALI	
	2x21 W	**M492** 01
	2x28 W	**M493** 01
	2x35/49 W	**M494** 01
	Emergency light	
	2x35 W	**MM55** 01

DALI versions occupy 1 address

Pass-through wiring for continuous line modules			
28/54 W	3	**M496** 00	88,20
28/54 W	6	**M497** 00	138,10
28/54 W	9	**M498** 00	198,60
28/54 W	12	**M499** 00	237,30
35/49 W	3	**M500** 00	96,10
35/49 W	6	**M501** 00	151,20
35/49 W	9	**M502** 00	206,30
35/49 W	12	**M503** 00	266,80

For control gears of recessed applications refer to the instructions sheet





	Angular module complete with wired plate and pass-through wiring		
T16 (G5)	2x24 W	**MWA7** 12	320,30
	DALI		
	2x24 W	**MWA8** 12	386,90

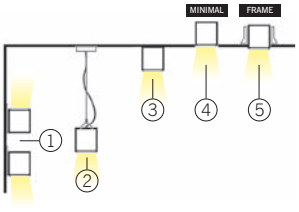
In combination with corner module, use only modules with 28/35W light sources (use with 49/54W light sources is not compatible).

accessories and installation systems

	code colour
Two end caps Complete with cover for overlapping plates	**MWB3** 15
Accessory for recessed installation without rim Complete with spacer for puttying	**MWB6** 00
Attachment for wall installation	**MWB7** 15
Power supply base with suspension cables L=1500	**MWB4** 01 for electronic versions **MWB5** 01 for DALI and emergency
Intermediate suspension cable	**MWB67** 00

For information on system composition please refer to the instructions sheet.

Technical information



Code	①	②	③	④	⑤
MWA7	24W	24W	24W	24W	24W
MWA8	24W	24W	24W	24W	24W
M489	21W	21W	21W	21W	21W
M492	21W	21W	21W	21W	21W
M490	28/54W	28/54W	28/54W	28W	28W
M493	28W	28W	28W	28W	28W
M491	35/49W	35/49W	35/49W	35W	35W
M494	35/49W	35/49W	35/49W	35W	35W
MM55	35W	35W	35W	35W	35W

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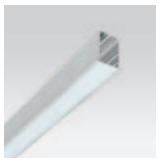
01 WHITE

12 ALUMINIUM

Frame

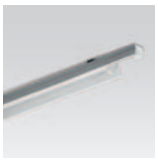


W	length	plates	code colour
Initial module complete with pass-through wiring			
for plate 21 W			
	985	1	**M451** 01-12
for plate 28/54 W			
	1285	1	**M452** 01-12
	2452	2	**M453** 01-12
	3626	3	**M454** 01-12
for plate 35/49 W			
	1585	1	**M455** 01-12
	3052	2	**M456** 01-12
	4526	3	**M457** 01-12
Continuous line module			
for plate 28/54 W			
	3526	3	**M458** 01-12
for plate 35/49 W			
	4426	3	**M459** 01-12

Complete with brackets for recessed installation

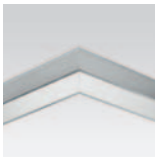
W		code colour
Pass-through wiring for continuous line modules		
28/54 W	3	**M496** 00
28/54 W	6	**M497** 00
28/54 W	9	**M498** 00
28/54 W	12	**M499** 00
35/49 W	3	**M500** 00
35/49 W	6	**M501** 00
35/49 W	9	**M502** 00
35/49 W	12	**M503** 00

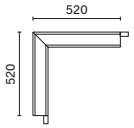
For control gears of recessed applications refer to the instructions sheet



light source	W	code colour
	Two-lamp plate	
T 16 (G5)	Electronic	
	2x21 W	**M489** 01
	2x28/54 W	**M490** 01
	2x35/49 W	**M491** 01
	DALI	
	2x21 W	**M492** 01
	2x28 W	**M493** 01
	2x35/49 W	**M494** 01
	Emergency light	
	2x35 W	**MM55** 01

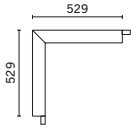
DALI versions occupy 1 address





light source	W	code colour
	Angular module complete with wired plate and pass-through wiring	
T 16 (G5)	2x24 W	**MWB9** 01-12
	DALI	
	2x24 W	**MWC0** 01-12

In combination with corner module, use only modules with 28/35W light sources (use with 49/54W light sources is not compatible).



light source	W	code colour
	Wall-ceiling angular module complete with wired plate and pass-through wiring	
T 16 (G5)	2x24 W	**MWC3** 01-12
	DALI	
	2x24 W	**MWC4** 01-12

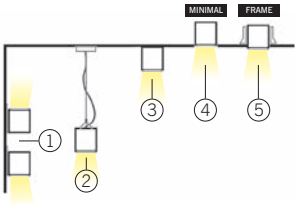
In combination with corner module, use only modules with 28/35W light sources (use with 49/54W light sources is not compatible).

accessories

	code	colour
Two end caps Complete with cover for overlapping plates	**MWC9**	01-15

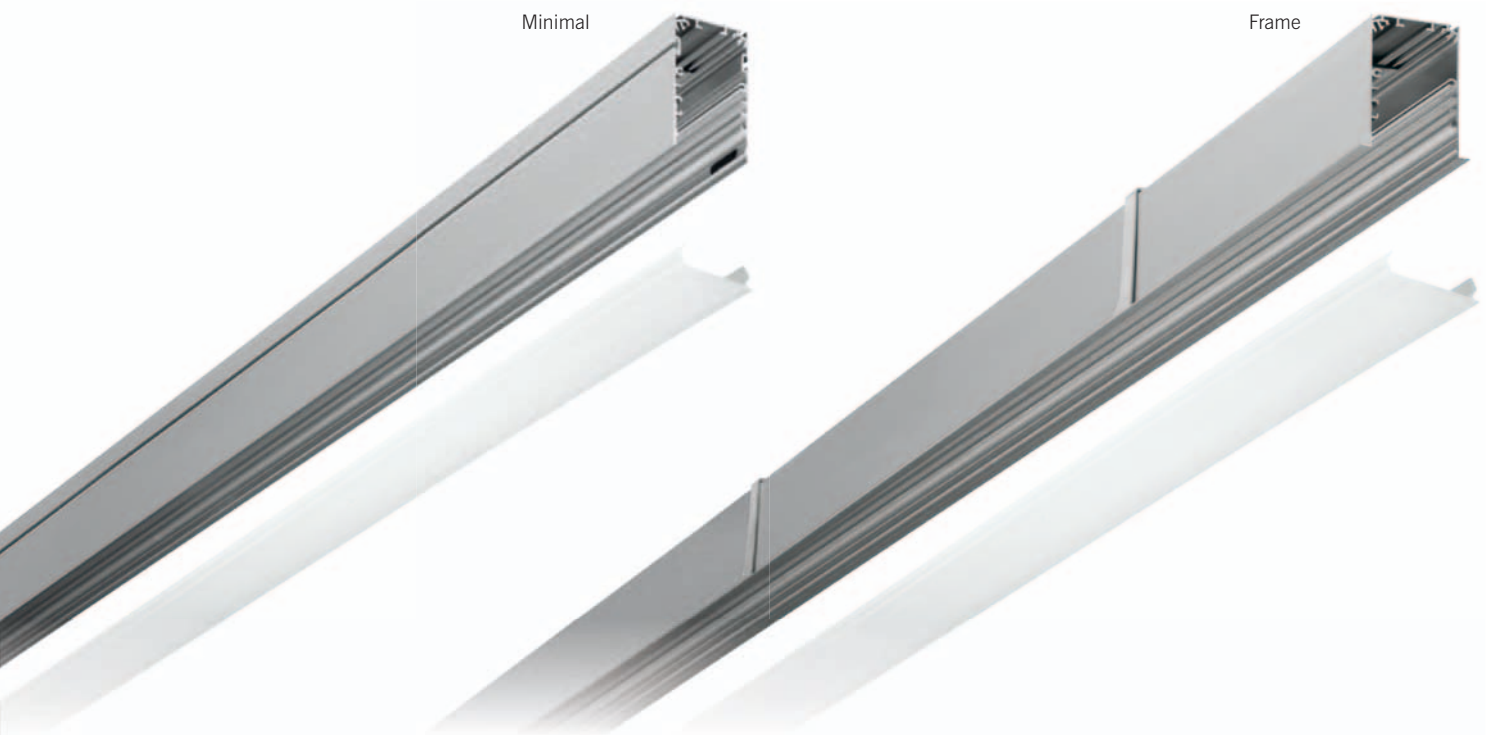
For information on system composition please refer to the instructions sheet.

Technical information



Code	①	②	③	④	⑤
MWC3-MWB9	24W	24W	24W	24W	24W
MWC0-MWC4	24W	24W	24W	24W	24W
M489	21W	21W	21W	21W	21W
M492	21W	21W	21W	21W	21W
M490	28/54W	28/54W	28/54W	28W	28W
M493	28W	28W	28W	28W	28W
M491	35/49W	35/49W	35/49W	35W	35W
M494	35/49W	35/49W	35/49W	35W	35W
MM55	35W	35W	35W	35W	35W

iN 60

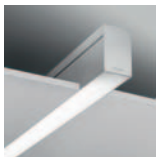


Features

IP20

- Modular lighting systems for continuous lines.
- Possibility of individual installation or grouping in a continuous line.
- Available in versions with FL T16 and LED lamps.
- Diffused emission for general lighting with PMMA opal diffuser screen.
- Extruded aluminium profile.
- Zamak end caps.
- Sheet steel wired lamp holder plate.
- Pendant, recessed, ceiling-mounted and wall-mounted installation.
- Available electronic and DALI control gear.
- Multiwatt ballasts for versions with FL T16 lamps.
- High level of light output.
- Pendant version with cables equipped with a system for millimetric regulation.

Pendant (Minimal)


Recessed (Minimal and Frame)

Ceiling-mounted (Minimal)

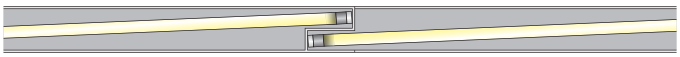
Wall-mounted (Minimal)

Lamps

iN 60 LED with Low contrast optic.

iN 60 one-lamp version with overlapping system, uses T16 fluorescent tubes.

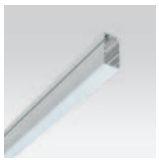
LED


Overlapping

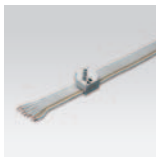
iN 60

12
ALUMINIUM

Minimal



W	length	plates	code colour
Initial module complete with pass-through wiring			
for plate 21/39 W			
	885	1	**M674** 12
for plate 28/54 W			
	1185	1	**M675** 12
	2252	2	**M676** 12
	3326	3	**M677** 12
for plate 35/49/80 W			
	1485	1	**M678** 12
	2852	2	**M679** 12
	4226	3	**M680** 12
Continuous line module			
for plate 28/54 W			
	3226	3	**M681** 12
for plate 35/49/80 W			
	4126	3	**M682** 12

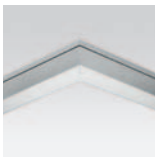


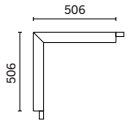
Pass-through wiring for continuous line modules		
28/54 W	3	**M753** 00
28/54 W	6	**M754** 00
28/54 W	9	**M755** 00
28/54 W	12	**M756** 00
35/49/80 W	3	**M757** 00
35/49/80 W	6	**M758** 00
35/49/80 W	9	**M759** 00
35/49/80 W	12	**M760** 00

For control gears of recessed applications refer to the instructions sheet

light source	W	code colour
	One-lamp plate	
T 16 (G5)	Multiwatt	
	21/39 W	**M746** 01
	28/54 W	**M747** 01
	35/49/80 W	**M748** 01
	DALI multiwatt	
	21/39 W	**M749** 01
	28/54 W	**M750** 01
	35/49/80 W	**M751** 01
	Multiwatt and emergency light	
	35/49 W	**M752** 01

DALI versions occupy 1 address





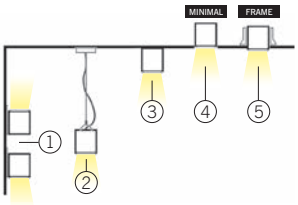
light source	W	code colour
	Angular module complete with wired plate and pass-through wiring	
T 16 (G5)	2x14/24 W	**MWG9** 01
	DALI	
	2x14/24 W	**MWH0** 01

accessories and installation systems

	code	colour
Two end caps Complete with cover for overlapping plates	**MWH5**	15
Accessory for recessed installation without rim Complete with spacer for puttying	**MWH6**	00
Attachment for wall installation	**MWB7**	15
Power supply base with suspension cables L=1500	**MWB4**	01 for electronic versions **MWM2** 01 for DALI and emergency
Intermediate suspension cable	**MW67**	00

For information on system composition please refer to the instructions sheet.

Technical information



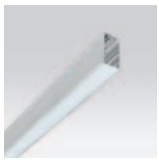
Code	①	②	③	④	⑤
M746 - M749	21/39W	21/39W	21/39W	21/39W	21/39W
M747 - M750	28/54W	28/54W	28/54W	28/54W	28/54W
M748 - M751	35/49/80W	35/49/80W	35/49/80W	35/49W	35/49W
MWG9 - MWH0	2x14/24W	2x14/24W	2x14/24W	2x14/24W	2x14/24W
M752	35/49W	35/49W	35/49W	35/49W	35/49W

iN 60

01 WHITE

12 ALUMINIUM

Frame

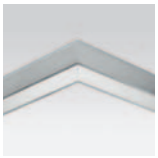


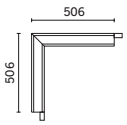
W	length	plates	code colour
Initial module complete with pass-through wiring			
for plate 21/39 W			
	885	1	**M692** 01-12
for plate 28/54 W			
	1185	1	**M693** 01-12
	2252	2	**M694** 01-12
	3326	3	**M695** 01-12
for plate 35/49/80 W			
	1485	1	**M696** 01-12
	2852	2	**M697** 01-12
	4226	3	**M698** 01-12
Continuous line module			
for plate 28/54 W			
	3226	3	**M699** 01-12
for plate 35/49/80 W			
	4126	3	**M700** 01-12

Complete with brackets for recessed installation

light source	W	code colour
	One-lamp plate	
T 16 (G5)	Multiwatt	
	21/39 W	**M746** 01
	28/54 W	**M747** 01
	35/49/80 W	**M748** 01
	DALI multiwatt	
	21/39 W	**M749** 01
	28/54 W	**M750** 01
	35/49/80 W	**M751** 01
	Multiwatt and emergency light	
	35/49 W	**M752** 01

DALI versions occupy 1 address

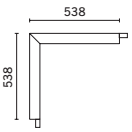




light source	W	code colour
	Angular module complete with wired plate and pass-through wiring	
T 16 (G5)	2x14/24 W	**MWH7** 01-12
	DALI	
	2x14/24 W	**MWH8** 01-12

Pass-through wiring for continuous line modules			
28/54 W		3	**M753** 00
28/54 W		6	**M754** 00
28/54 W		9	**M755** 00
28/54 W		12	**M756** 00
35/49/80 W		3	**M757** 00
35/49/80 W		6	**M758** 00
35/49/80 W		9	**M759** 00
35/49/80 W		12	**M760** 00

For control gears of recessed applications refer to the instructions sheet



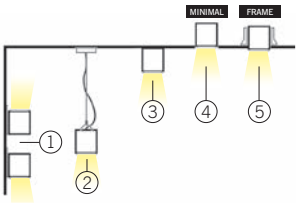
light source	W	code colour
	Wall-ceiling angular module complete with wired plate and pass-through wiring	
T 16 (G5)	2x14/24 W	**MWI1** 01-12
	DALI	
	2x14/24 W	**MWI2** 01-12

accessories

	code	colour
Two end caps Complete with cover for overlapping plates	**MWI7** 01-15	

For information on system composition please refer to the instructions sheet.

Technical information



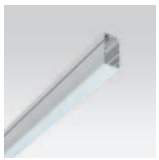
Code	①	②	③	④	⑤
M746 - M749	21/39W	21/39W	21/39W	21/39W	21/39W
M747 - M750	28/54W	28/54W	28/54W	28/54W	28/54W
M748 - M751	35/49/80W	35/49/80W	35/49/80W	35/49W	35/49W
MWH7 - MWH8 MWI1 - MWI2	2x14/24W	2x14/24W	2x14/24W	2x14/24W	2x14/24W
M752	35/49W	35/49W	35/49W	35/49W	35/49W

iN 60

01 WHITE

12 ALUMINIUM

LED



light source W lm length plates code colour

Minimal initial module complete with pass-through wiring

for LED plate L=597

612 1 **MR37** 12

for LED plate L=1196

1210 1 **MR38** 12

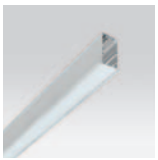
2397 2 **MR39** 12

3594 3 **MR40** 12

Minimal continuous line module

for LED plate L=1196

3594 3 **MR41** 12



light source W lm length plates code colour

Frame initial module complete with pass-through wiring

for plate L=597

612 1 **MR42** 01-12

for plate L=1196

1210 1 **MR43** 01-12

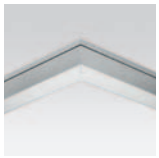
2397 2 **MR44** 01-12

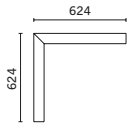
3594 3 **MR45** 01-12

Frame continuous line module

for plate L=1196

3594 3 **MR46** 01-12





LED

Minimal angular module complete with LED plate and pass-through wiring

Neutral white

22W 2650 **MXM7** 12

Warm white

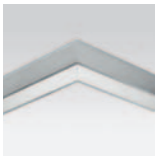
22W 2460 **MXM8** 12

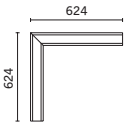
Neutral white DALI

22W 2650 **MXM9** 12

Warm white DALI

22W 2460 **MXN0** 12





LED

Frame angular module complete with LED plate and pass-through wiring

Neutral white

22W 2650 **MXN1** 01-12

Warm white

22W 2460 **MXN2** 01-12

Neutral white DALI

22W 2650 **MXN3** 01-12

Warm white DALI

22W 2460 **MXN4** 01-12

LED

LED Plate

Neutral white

11W 1330 597 **MR47** 01

22W 2650 1196 **MR48** 01

Warm white

11W 1230 597 **MR49** 01

22W 2460 1196 **MR50** 01

Neutral white DALI

11W 1330 597 **MR51** 01

22W 2650 1196 **MR52** 01

Warm white DALI

11W 1230 597 **MR53** 01

22W 2460 1196 **MR54** 01

DALI versions occupy 1 address

Pass-through wiring for continuous line modules

for plate L=1196

22W 3 **MA55** 00

22W 6 **MA56** 00

22W 9 **MA57** 00

22W 12 **MA58** 00

installation systems

code colour

Plate with terminal block and cable-clamp to join pass-through cables

It must be used for every new intermediate power supply (please refer to instruction sheet).

M761 00

Two end caps

MWP6 15

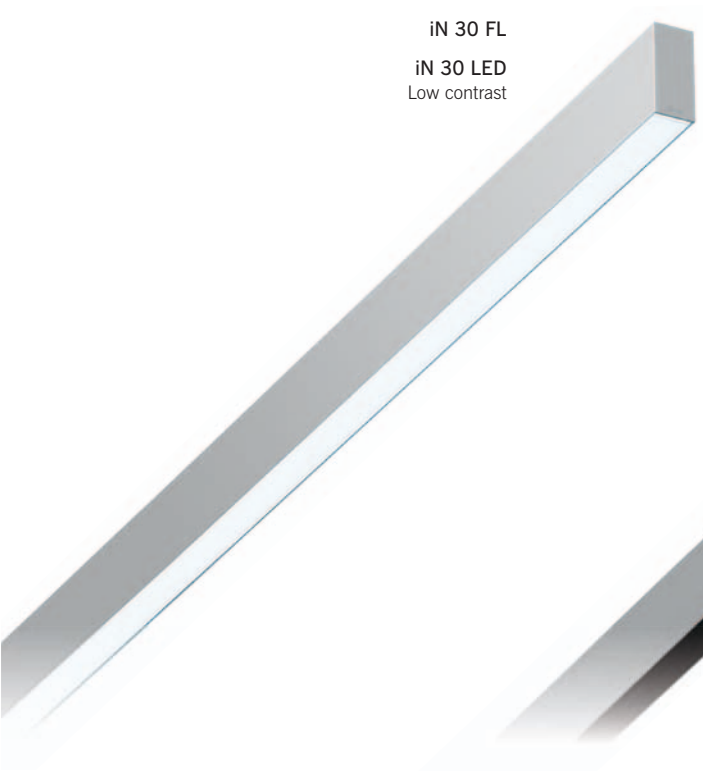
for Minimal versions

MWP7 01-15

for Frame versions

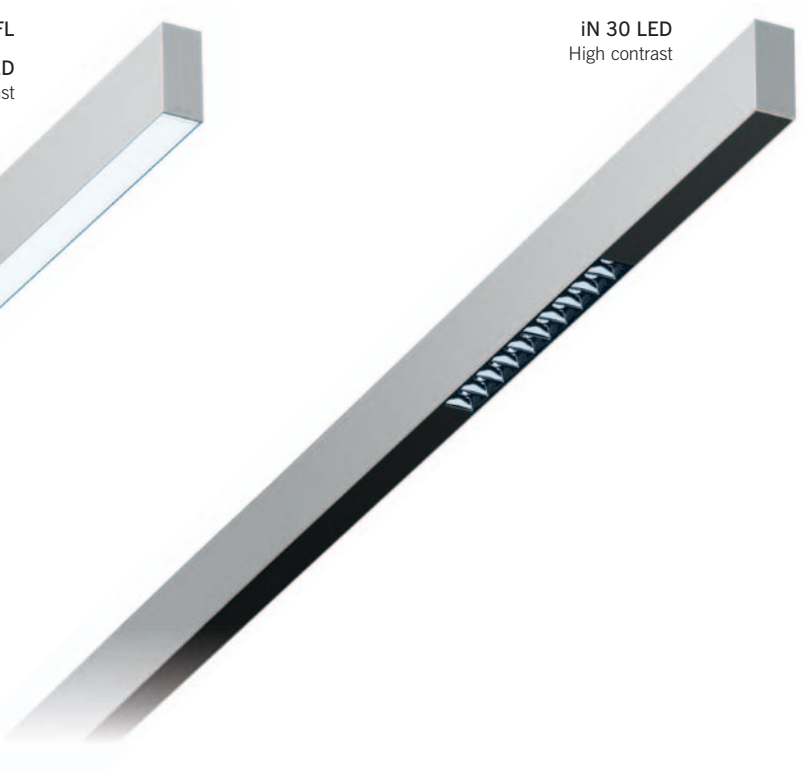
For information on system composition please refer to the instructions sheet.

iN 30



iN 30 FL

iN 30 LED
Low contrast



iN 30 LED
High contrast

Features

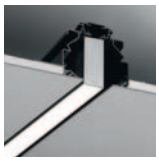
IP20

- Modular lighting systems for continuous lines.
- Available in versions with T16 and LED lamps.
- Minimal (frameless) version made with extruded aluminium profile.
- LED version available in two down light solutions: low contrast for general lighting with frosted diffuser screen; high contrast with controlled luminance UGR<19 down light modules.
- Low contrast: can be ceiling mounted, pendant or recessed; modules available in two lengths in end or middle version for continuous line set-up; end modules can be completed with end cap accessories and used individually but they are always needed to
- High contrast: can be ceiling mounted and pendant; modules supplied in two lengths; possibility of individual installation or grouping in a continuous line, completing the modules with the accessories supplied.
- Available electronic and DALI control gear.
- Multiwatt ballasts.
- High level of light output.
- Pendant version with cables equipped with a system for millimetric regulation.

Pendant

Recessed

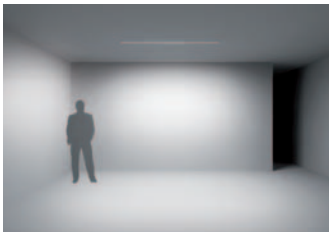
Ceiling-mounted



LED versions can be installed on Laser Blade System53

Optics and lamps

iN 30 is available in the fluorescent and LED version (low contrast and high contrast optics).



Low contrast

High contrast - Wide Flood α 48°

iN 30

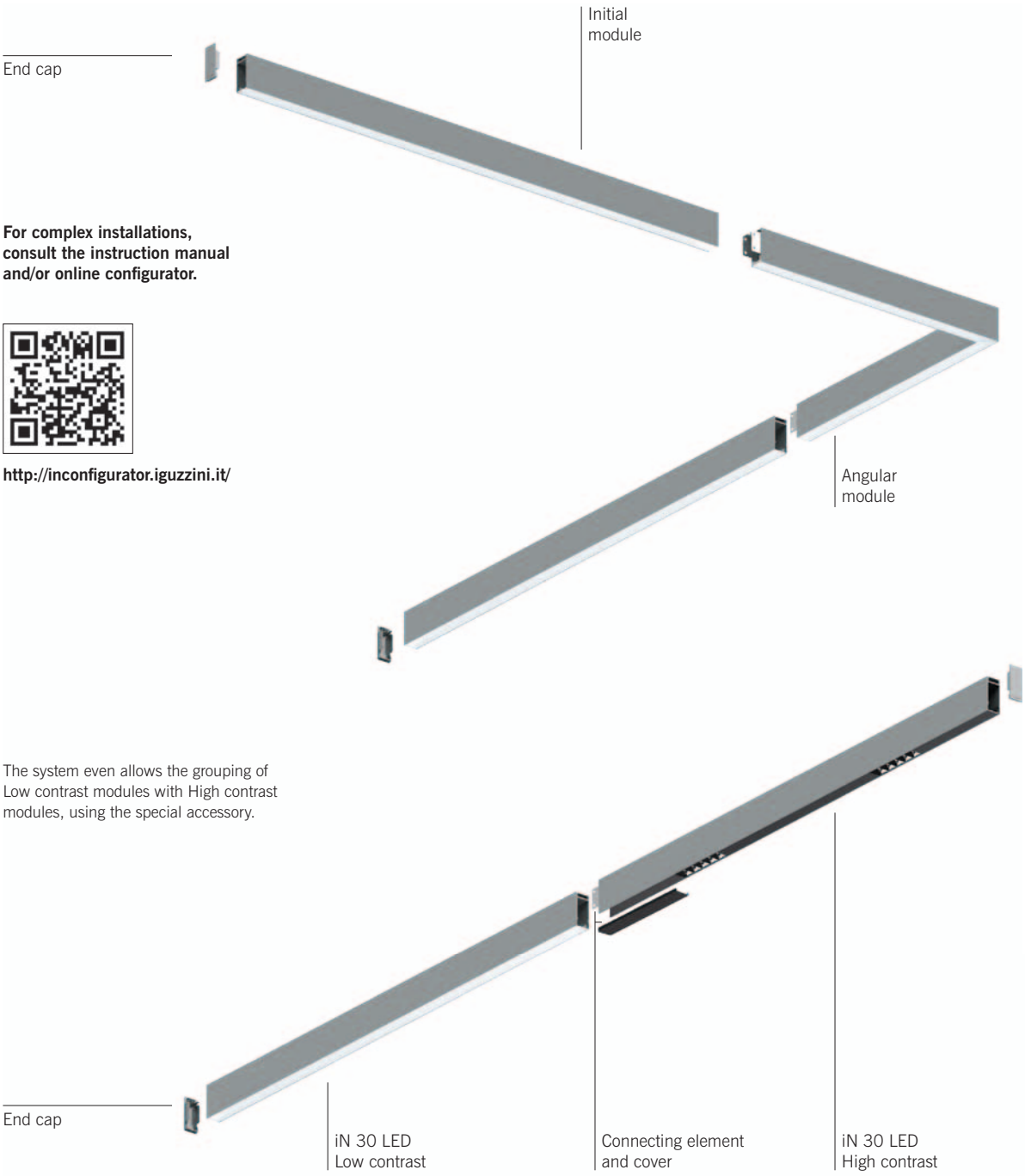
System composition

This aggregation system allows creating the most diverse compositions.

For the complete order please add the codes of the installation system you have chosen.

For complex installations, consult the instruction manual and/or online configurator.

http://inconfigurator.iguzzini.it/



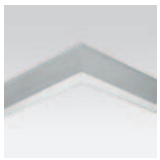
iN30

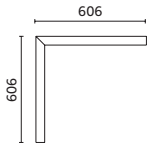
12
ALUMINIUM

FL

light source	W	length	code colour
	Initial module **Opal diffuser**		
T16 SLS (G5)	Multiwatt		
	24W	601	**M656** 12
	21/39W	901	**M657** 12
	28/54W	1201	**M658** 12
	2x14/24W	1186	**M659** 12
	2x21/39W	1786	**M660** 12
	2x28/54W	2386	**M661** 12
	Initial module **Microprismatic diffuser**		
	Multiwatt		
	24W	601	**M665** 12
	21/39W	901	**M666** 12
	28/54W	1201	**M667** 12
	2x14/24W	1186	**M668** 12
	2x21/39W	1786	**M669** 12
	2x28/54W	2386	**M670** 12

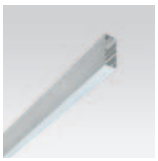
Complete with end caps





	Angular module **Opal diffuser**		
T16 SLS (G5)	Multiwatt		
	2x14/24W		**MWG3** 12
	Angular module **Microprismatic diffuser**		
	Multiwatt		
	2x14/24W		**MWG4** 12

For control gears of recessed applications refer to the instructions sheet



light source	W	length	code colour
	Continuous line module **Opal diffuser**		
T16 SLS (G5)	Multiwatt		
	2x14/24W	1170	**M662** 12
	2x21/39W	1770	**M663** 12
	2x28/54W	2370	**M664** 12
	Continuous line module **Microprismatic diffuser**		
	Multiwatt		
	2x14/24W	1170	**M671** 12
	2x21/39W	1770	**M672** 12
	2x28/54W	2370	**M673** 12

accessories and installation systems

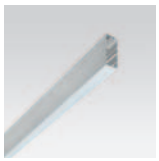
	code	colour
Power supply base with suspension cables L=1500	**MWG5**	01
Intermediate suspension cable	**MWG6**	00
Attachment for ceiling-mounted installation	**MWG7**	00
Accessory for recessed installation without rim	**MWG8**	00

For information on system composition please refer to the instructions sheet.

iN 30

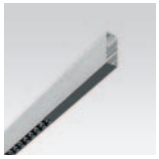
12
ALUMINIUM

LED

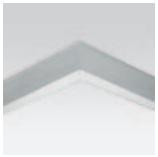


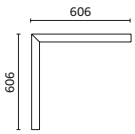
light source	W	lm	length	code colour
LED	**Initial module Low contrast**			
	Neutral white			
	22W	2650	1197	**ME36** 12
	45W	5290	2394	**ME37** 12
	Warm white			
	22W	2460	1197	**ME38** 12
	45W	4920	2394	**ME39** 12
	Neutral white DALI			
	22W	2650	1197	**MJ48** 12
	45W	5290	2394	**MJ49** 12
	Warm white DALI			
	22W	2460	1197	**MJ50** 12
	45W	4920	2394	**MJ51** 12

light source	W	lm	length	code colour
LED	**Continuous line module Low contrast**			
	Neutral white			
	22W	2650	1197	**ME40** 12
	45W	5290	2394	**ME41** 12
	Warm white			
	22W	2460	1197	**ME42** 12
	45W	4920	2394	**ME43** 12
	Neutral white DALI			
	22W	2650	1197	**MJ52** 12
	45W	5290	2394	**MJ53** 12
	Warm white DALI			
	22W	2460	1197	**MJ54** 12
	45W	4920	2394	**MJ55** 12



LED	**Module High contrast**			
	Neutral white			
	22W	2000	1197	**MJ58** 12
	42W	4000	1462	**MJ62** 12
	Warm white			
	22W	1800	1197	**MJ59** 12
	42W	3600	1462	**MJ63** 12
	Neutral white DALI			
	22W	2000	1197	**MJ60** 12
	42W	4000	1462	**MJ64** 12
	Warm white DALI			
	22W	1800	1197	**MJ61** 12
	42W	3600	1462	**MJ65** 12





LED	**Angular module Low contrast**			
	Neutral white			
	22W	2650		**ME44** 12
	Warm white			
	22W	2460		**ME45** 12
	Neutral white DALI			
	22W	2650		**MJ56** 12
	Warm white DALI			
	22W	2460		**MJ57** 12

accessories and installation systems

	code	colour
Two end caps to complete modules for single and continuous line installation	**MX80**	15
Connection elements and covers for continuous line installation	**MX81**	00 only for High contrast versions
Power supply base with suspension cables L=1500	**MWG5**	01
Intermediate suspension cable	**MWG6**	00
Attachment for ceiling-mounted installation	**MWG7**	00
Accessory for recessed installation without rim	**MWG8**	00

For information on system composition please refer to the instructions sheet.

Banca Intesa - London, United Kingdom
Architectural project: aMDL - arch. Michele De Lucchi - Photo: James Newton

Wide plus

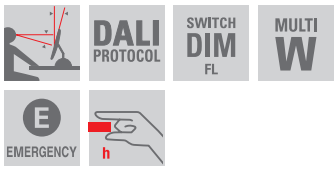
Darklight

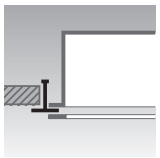
General light

Features

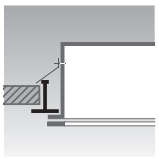
IP20

- Recessed installation in false ceilings with 1 to 25 mm.
- Load-bearing structure made of painted sheet steel, plastic diffuser screen, white sheet steel internal reflector.
- Lamellar optics with controlled luminance UGR<19 and general light.
- Available electronic and DALI control gear, and permanent emergency light; 1,5 hours autonomy with 12 hour recharging cycle - 3 hours autonomy with 24 hour recharging cycle. Conforms to EN60598-2-22.
- Multiwatt ballasts.
- Dimmable DALI versions have Switch Dim; can be controlled via a simple electric button.
- Luminaire reduced height.

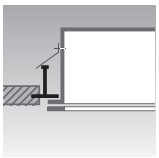




Grid installation from above



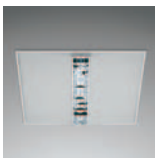
Grid installation from below



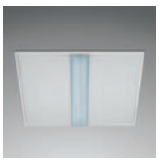
Recessed grid installation from below

Light distribution

Darklight
Optic with specular reflector has controlled luminance L≤1000 cd/m^2 α>65°.



General light
Optic with frosted polycarbonate diffuser screen for uniform lighting.



Wide plus

01
WHITE

39
WHITE/ALUMINIUM

light source	W	code colour
	Darklight	
TC-L (2G11)	Electronic	
	55 W	**6231** 39
	DALI	
	55 W	**6233** 39
	Electronic and permanent emergency light	
	55 W	**6235** 39
T 16 (G5)	Multiwatt	
	2x14/24 W	**6232** 39
	DALI	
	2x24 W	**6234** 39

DALI versions occupy 1 address

light source	W	code colour
	General light	
TC-L (2G11)	Electronic	
	55 W	**6241** 01
	2x55 W	**6242** 01
	DALI	
	55 W	**6244** 01
	2x55 W	**6245** 01
	Electronic and permanent emergency light	
	55 W	**6247** 01
T 16 (G5)	Multiwatt	
	2x14/24 W	**6243** 01
	DALI	
	2x24 W	**6246** 01

DALI versions occupy 1 address

	Darklight	
T 16 (G5)	Multiwatt	
	28/54 W	**6236** 39
	2x28/54 W	**6237** 39
	DALI multiwatt	
	28/54 W	**6238** 39
	2x28/54 W	**6239** 39
	Electronic and permanent emergency light	
	2x28/54 W	**6240** 39

DALI versions occupy 1 address

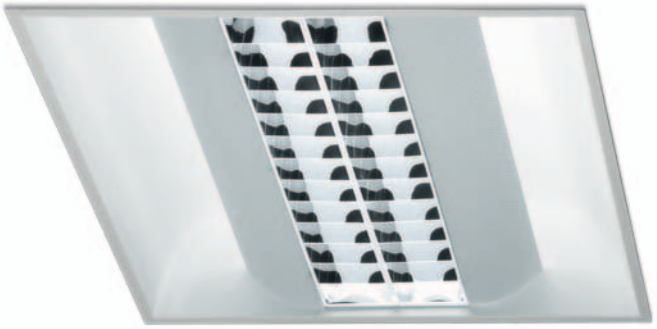
	General light	
T 16 (G5)	Multiwatt	
	28/54 W	**6248** 01
	2x28/54 W	**6249** 01
	DALI multiwatt	
	28/54 W	**6250** 01
	2x28/54 W	**6251** 01
	Electronic and permanent emergency light	
	2x28/54 W	**MM60** 01

DALI versions occupy 1 address

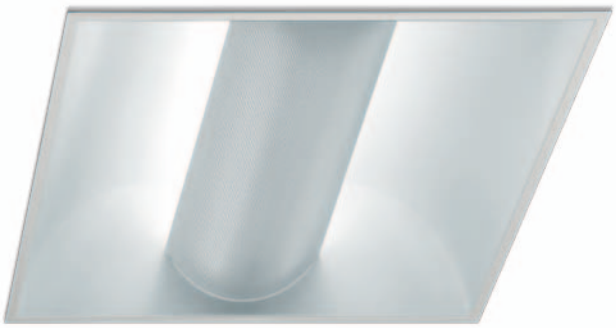
accessories

	code	colour
Luminance control screen	**9498** 01 for 6237-6239-6240	

Wide basic



Darklight



General light

Features

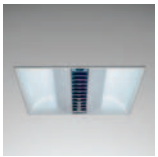
IP20

- Recessed installation in modular false ceilings with 600 mm tile size, 1 to 25 mm thick.
- Load-bearing structure made of painted sheet steel.
- Lamellar optics with controlled luminance UGR<19 and general light.
- Available electronic and DALI control gear and emergency with inverter.
- Luminaire reduced height.

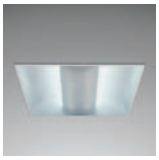
Grid installation from above

Light distribution

Darklight
Optic with specular reflector has controlled luminance L≤1000 cd/m² for α>65°, available with single and double optic.



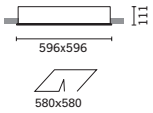
General light
Optic with micro- perforated sheet metal diffuser screen for diffused, uniform light distribution.



Wide basic

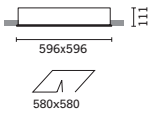
01
WHITE

39
WHITE/ALUMINIUM



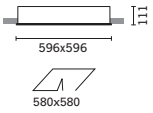
light source	W	code colour
	Darklight	
TC-L (2G11)	Electronic	
	55 W	**MA92** 01
	40 W	**MA93** 01
	DALI	
	55 W	**MA94** 01
	40 W	**MA95** 01
	Electronic and permanent emergency light	
	55 W	**MA96** 01
	40 W	**MA97** 01

DALI versions occupy 1 address



light source	W	code colour
	Darklight	
TC-L (2G11)	Electronic	
	2x55 W	**MA98** 01
	2x40 W	**MA99** 01
	DALI	
	2x55 W	**MB00** 01
	2x40 W	**MB01** 01
	Electronic and permanent emergency light	
	2x55 W	**MB02** 01
	2x40 W	**MB03** 01

DALI versions occupy 1 address



light source	W	code colour
	General light	
TC-L (2G11)	Electronic	
	2x55 W	**MB04** 01
	DALI	
	2x55 W	**MB05** 01
	Electronic and permanent emergency light	
	2x55 W	**MB06** 01

DALI versions occupy 1 address

Base Lighting

design Yamada

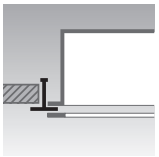
01
WHITE

Features

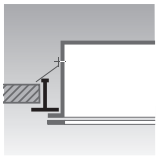
IP20

- Recessed installation in false ceilings with 1 to 25 mm.
- Sheet steel load-bearing structure with white painted sheet aluminium reflective surface.
- Cover plate made of solid or microperforated sheet-steel with diffusing opal film.
- Available electronic and DALI control gear and emergency with inverter.

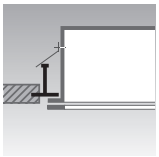
DALI PROTOCOL | SWITCH DIM FL | EMERGENCY



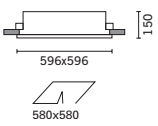
Grid installation from above



Grid installation from below

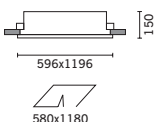


Recessed grid installation from below



light source	W	code colour
TC-L (2G11)	Electronic	
	2x55 W	**3604** 01
	DALI	
	2x55 W	**3630** 01
	Electronic and permanent emergency light	
	2x55 W	**3664** 01

DALI versions occupy 1 address



light source	W	code colour
T 16 (G5)	Electronic	
	2x54 W	**3649** 01
	4x54 W	**3499** 01
	DALI multiwatt	
	2x28/54 W	**3632** 01
	4x28/54 W	**3619** 01
	Electronic and permanent emergency light	
	2x54 W	**3633** 01

DALI versions occupy 1 address

accessories

	code	colour
Kit of fastening rods for false ceilings	**6826**	00

Marcegaglia Headquarters - Gazoldo degli Ippoliti, Mantova, Italy
Photo: Giuseppe Saluzzi

Galaxy

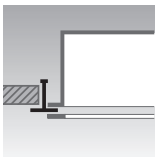
Recessed

Ceiling-mounted

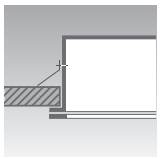
Features

IP20

- Ceiling mounted and recessed installation on modular 600x600 mm false ceilings with 1 to 25 mm thickness.
- Load-bearing structure made of painted sheet steel.
- Super-pure aluminium lamellar optics with controlled luminance UGR<19.
- Available electronic and DALI control gear and emergency with inverter.
- Multiwatt ballasts.
- High level of light output.
- Luminaire reduced height.



Grid installation from above



Plasterboard application

Light distribution

The luminaire guarantees extremely high luminous efficiency and perfect luminance control UGR<19.

- **LED Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

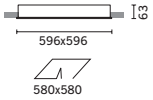
lumen lm	LED	T 16	ENERGY SAVING
4000	45W	4x14W	19%

(3000K) LED energy saving compared with conventional lamps

Galaxy

01
WHITE

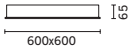
Recessed



light source	W	lm	code	colour
LED	Neutral white			
	45 W	4100	**MR71**	01
	Warm white			
	45 W	4000	**MR72**	01
T 16 (G5)	Multiwatt			
	4x14/24 W		**MA89**	01
	DALI multiwatt			
	4x14/24 W		**MA90**	01
	Multiwatt and permanent emergency light			
	4x14/24 W		**MA91**	01

DALI versions occupy 1 address

Ceiling-mounted



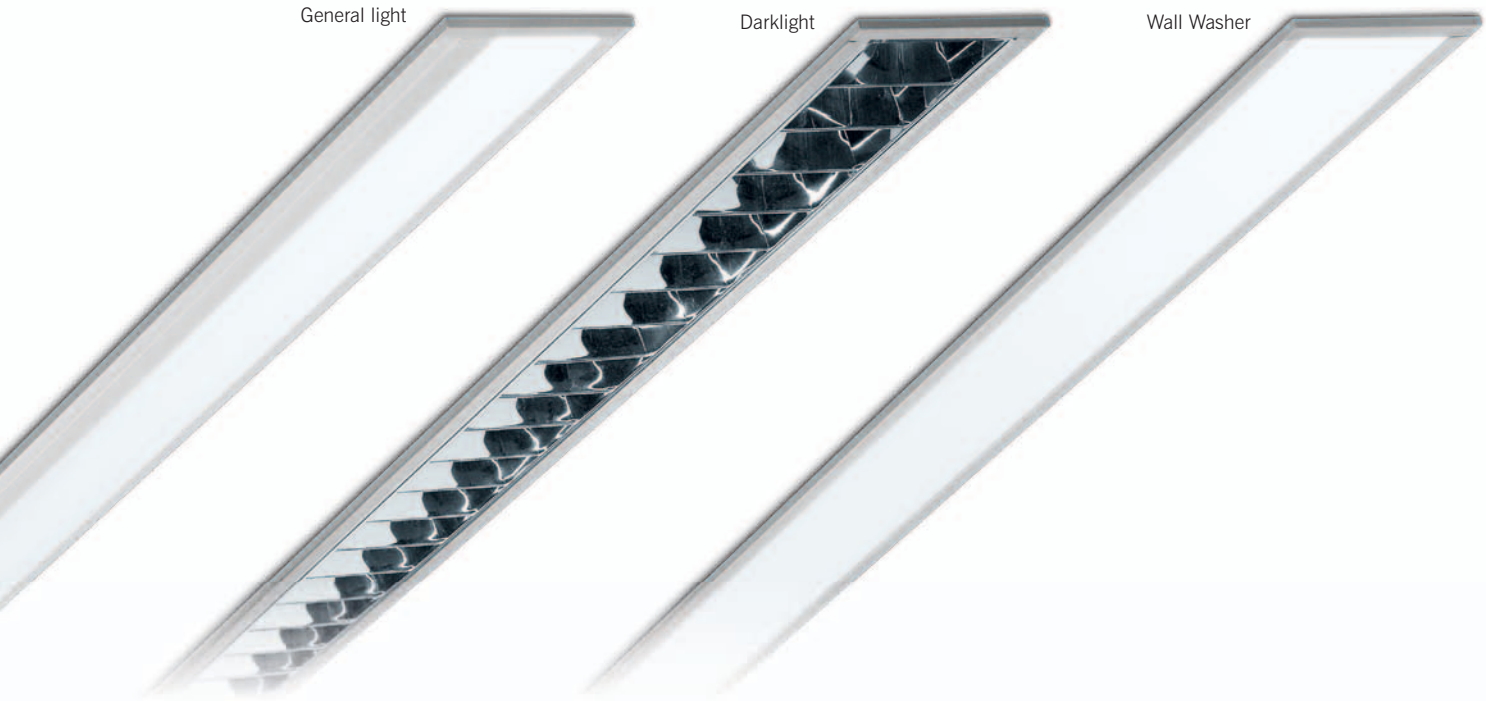
light source	W	code	colour
T 16 (G5)	Multiwatt		
	4x14/24 W	**M637**	01
	DALI multiwatt		
	4x14/24 W	**M638**	01
	Multiwatt and permanent emergency light		
	4x14/24 W	**M639**	01

DALI versions occupy 1 address

accessories

	code	colour
Kit of fastening rods for false ceilings with cross sections of 8 to 40 mm	**MWN4**	00

Lineup recessed



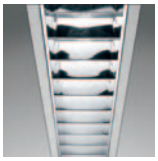
Features

IP20

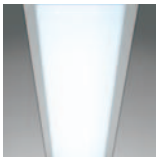
- Recessed installation in false ceilings with 1 to 35 mm.
- Galvanised, painted sheet steel supporting structure and end caps.
- Wall-washer versions with painted aluminium lamp cover and superpure aluminium reflector.
- UGR<19 Darklight versions, super-pure aluminium reflectors and lamellar optics with parabolic profile.
- General light versions with polycarbonate diffuser.
- Versions with RGB dynamic colour change and compatible with preconfigured light management systems.
- Available electronic and DALI control gear and emergency with inverter; 1,5 hours autonomy with 12 hour recharging cycle - 3 hours autonomy with 24 hour recharging cycle. Conforms to EN60598-2-22.
- Multiwatt ballasts.
- Luminaire ready for pass-through wiring.
- High level of light output.
- Luminaire reduced height.

Light distribution

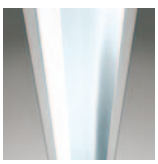
Darklight
Ideal when lighting offices and spaces with monitors. The ultrapure aluminium reflectors deliver top lighting performance and controlled luminance in compliance with EN 12464 1 standards.



General light
The polycarbonate diffusing screens has a comfortable and homogenous light distribution with limited glare from the lamps.



Wall Washer
Ideal for vertical surfaces.
The shape of the reflector was specially designed, and it produces uniform lighting on walls.



Lineup recessed

01
WHITE

Recessed

N=number of fittings

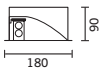
light source	W	length	code colour
	Wall washer		
T16 (G5)	Electronic		
	28W	1198	**5800** 01
	35W	1498	**5801** 01
	54W	1198	**5802** 01
	80W	1498	**5803** 01
	DALI multiwatt		
	28/54W	1198	**5806** 01
	35/49/80W	1498	**5807** 01

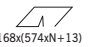
DALI versions occupy 1 address

N=number of fittings

light source	W	length	code colour
	Darklight		
T16 (G5)	Electronic		
	35W	1498	**5814** 01
	54W	1198	**5815** 01
	2x35W	1498	**5816** 01
	2x54W	1198	**5817** 01
	DALI multiwatt		
	28/54W	1198	**5818** 01
	2x35W	1498	**5819** 01
	2x28/54W	1198	**5820** 01
	Electronic and permanent emergency light		
	54W	1198	**5821** 01

DALI versions occupy 1 address

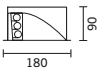


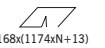


N=number of fittings

light source	W	length	code colour
	Wall washer		
TC-L (2G11)	Electronic		
	55W	598	**5808** 01
	DALI		
	55W	598	**5810** 01

DALI versions occupy 1 address





N=number of fittings

light source	W	length	code colour
	Wall washer		
T16 (G5)	RGB		
	3x28/54W	1198	**5813** 01

Complete with lamp.
Occupies 3 DALI addresses.

Compatible with light management systems of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.

N=number of fittings

N=number of fittings

5826-5830

light source	W	length	code colour
	General light		
T16 (G5)	Electronic		
	54W	1198	**5823** 01
	80W	1498	**5824** 01
	2x35W	1498	**5825** 01
	2x54W	1198	**5826** 01
	DALI		
	28/54W	1198	**5827** 01
	35/49/80W	1498	**5828** 01
	2x35W	1498	**5829** 01
	2x54W	1198	**5830** 01
	Electronic and permanent emergency light		
	54W	1198	**MM61** 01
	2x35W	1498	**MM62** 01

DALI versions occupy 1 address

Complete with protection screen

Lineup recessed

01
WHITE

Continuous line modules

100x(1174/1474xN+13)
N=number of fittings

100x(1174/1474xN+13)
N=number of fittings

5897-6295

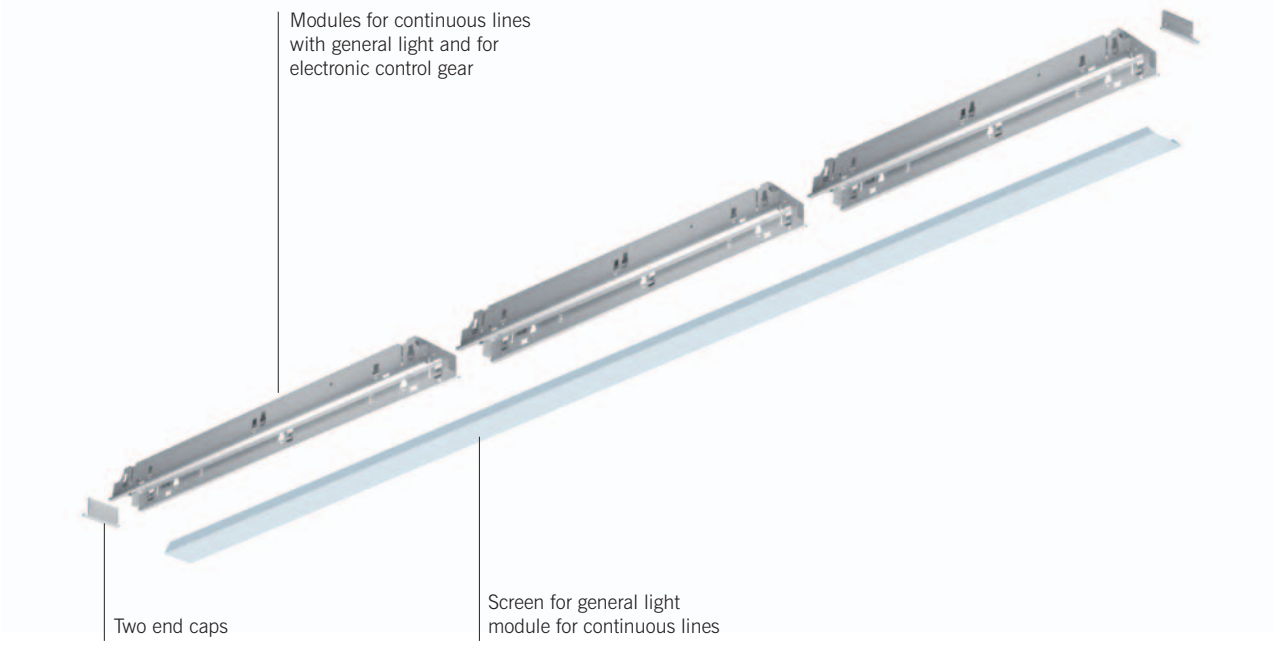
light source	W	length	code	colour
	General light			
T16 (G5)	Electronic			
	54 W	1174	**5894**	01
	80 W	1474	**5895**	01
	2x35 W	1474	**5896**	01
	2x54 W	1174	**5897**	01
	DALI			
	28/54 W	1174	**5898**	01
	35/49/80 W	1474	**5899**	01
	2x35 W	1474	**6294**	01
	2x54 W	1174	**6295**	01
	Electronic and permanent emergency light			
	54 W	1174	**MM63**	01
	2x35 W	1474	**MM64**	01

DALI versions occupy 1 address

accessories

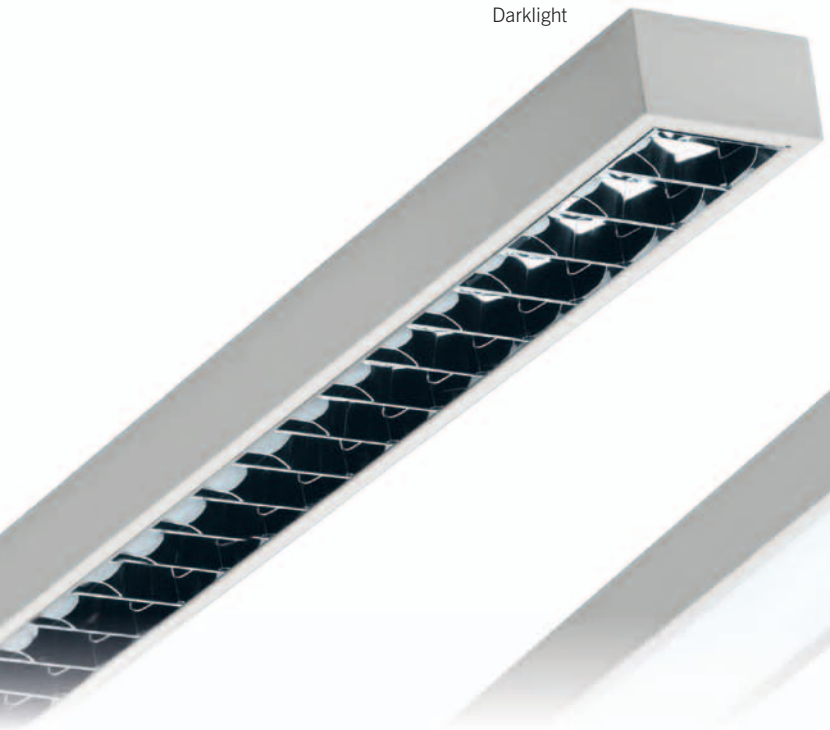
	code	colour
Protection diffuser for multiple lengths		
1 module L=1174	**9667**	01
2 modules L=1174 (2348)	**9668**	01
3 modules L=1174 (3522)	**9669**	01
1 module L=1474	**9670**	01
2 modules L=1474 (2948)	**9671**	01
3 modules L=1474 (4422)	**9672**	01
Two end caps	**9673**	01

System composition

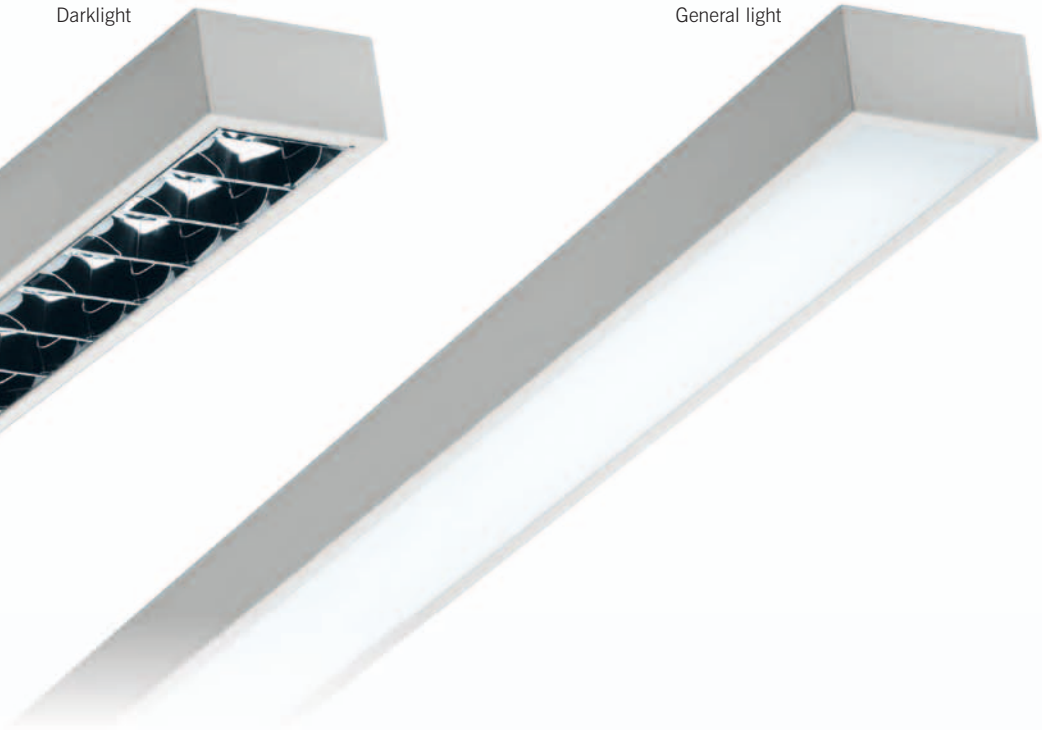


Lineup ceiling-mounted/pendant

Darklight



General light



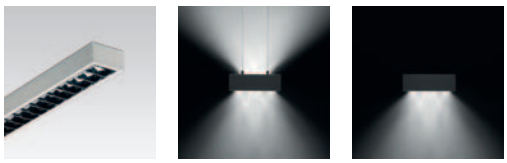
Features

IP20

- Ceiling mounted or pendant installation.
- Powder-painted sheet steel structure.
- UGR<19 Darklight versions, super-pure aluminium reflectors and lamellar optics with parabolic profile.
- General light versions with polycarbonate diffuser.
- Available electronic and DALI control gear and emergency with inverter; 1,5 hours autonomy with 12 hour recharging cycle - 3 hours autonomy with 24 hour recharging cycle. Conforms to EN60598-2-22.
- Multiwatt ballasts.
- High level of light output.
- Suspension cables equipped millimetric regulation system.

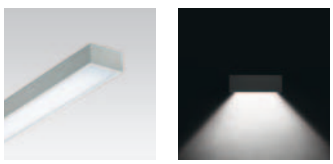
Light distribution

Darklight ceiling-mounted/pendant luminaire
Modules with up/down light emission can only be installed as pendants, whilst modules with down light emission can be either ceiling-mounted or pendant, installed using the appropriate accessories.



110 mm version

General light ceiling-mounted
The modules, with down light, can be either ceiling-mounted or pendant using the appropriate accessories.



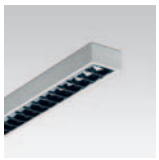
110 mm version

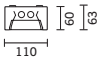
Lineup

01
WHITE

Pendant

installation systems





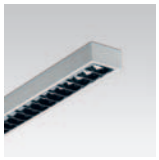
light source	W	length	code colour
	Darklight up/down light		
T16 (G5)	Multiwatt		
	35/49/80 W	1490	**MA74** 01
	28/54 W	1200	**MA75** 01
	2x35/49 W	1490	**MA76** 01
	2x28/54 W	1200	**MA77** 01
	DALI multiwatt		
	35/49/80 W	1490	**MA78** 01
	28/54 W	1200	**MA79** 01
	2x35/49 W	1490	**MA80** 01
	2x28/54 W	1200	**MA81** 01
	Multiwatt and permanent emergency light		
	35/49/80 W	1490	**MA82** 01
	2x35/49 W	1490	**MA83** 01

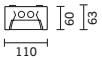
DALI versions occupy 1 address

	code	colour
Ceiling attachment with suspension cables L=1500 Centre-to-centre distance 70 mm	**MWM8**	01
Power supply base with suspension cables L=1500 Centre-to-centre distance 70 mm	**MWM9** 01 for electronic versions **MWN0** 01 for DALI and emergency	

Ceiling-mounted / pendant

installation systems

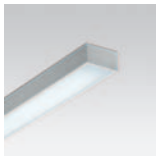


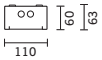


light source	W	length	code colour
	Darklight down light		
T16 (G5)	Multiwatt		
	35/49/80 W	1490	**M601** 01
	28/54 W	1200	**M602** 01
	2x35/49 W	1490	**M603** 01
	2x28/54 W	1200	**M604** 01
	DALI multiwatt		
	35/49/80 W	1490	**M605** 01
	28/54 W	1200	**M606** 01
	2x35/49 W	1490	**M607** 01
	2x28/54 W	1200	**M608** 01
	Multiwatt and permanent emergency light		
	35/49/80 W	1490	**M609** 01
	2x35/49 W	1490	**M611** 01

DALI versions occupy 1 address

	code	colour
Ceiling attachment with suspension cables L=1500 Centre-to-centre distance 70 mm	**MWM8**	01
Power supply base with suspension cables L=1500 Centre-to-centre distance 70 mm	**MWM9** 01 for electronic versions **MWN0** 01 for DALI and emergency	





light source	W	length	code colour
	General light down light		
T16 (G5)	Multiwatt		
	35/49/80 W	1490	**M619** 01
	28/54 W	1200	**M620** 01
	2x35/49 W	1490	**M621** 01
	2x28/54 W	1200	**M622** 01
	DALI multiwatt		
	35/49/80 W	1490	**M623** 01
	28/54 W	1200	**M624** 01
	2x35/49 W	1490	**M625** 01
	2x54 W	1200	**M626** 01
	Multiwatt and permanent emergency light		
	35/49/80 W	1490	**MM65** 01
	2x35 W	1490	**MM66** 01

DALI versions occupy 1 address

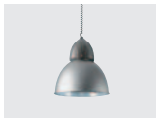
Brand Leadership Building - Steinhausen, Switzerland
Architectural project: Ralph Wipfli Architektur AG - Photo: Günter Laznia

Pendants

Pendants

314 Gem

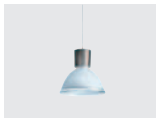
316 Greenwich



318 Berlino

320 Rib

322 Central 41

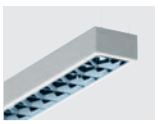


322 Central 42

324 Tray

326 iSign

The codes, technical and lighting design features of this luminaire are presented in the relevant section



306 Lineup

204 Le Perroquet
LED

204 Le Perroquet

227 Cestello
LED

348 Radial

348 Radial

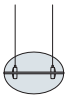
336 Cup
LED

Thales Research and Development Center - Palaiseau, France
Architectural project: Studio Serau-Frédéric Tomat and Alain Dupont - Photo: Didier Boy de la Tour

Gem

design Paul Andreu

DESIGN PLUS Light+Building

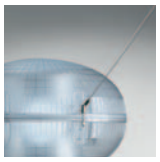


65
NITRIC

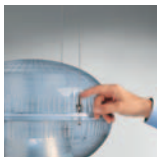
Features

IP66

- Pendant luminaire for direct or indirect/direct lighting.
- Luminaires have two polycarbonate shells with a partial satin-finish.
- The shells are closed by special supports that are hooked to suspension cables (ordered separately as accessories).
- The joint between the two shells is water-tight thanks to a silicone gasket located around the perimeter and by a M12x1,5 nickel-plated brass cable-clamp for the exit of the power cable.
- Microperforated, polished superpure aluminium reflector.
- An aluminium support plate houses the light source and the control gear box.
- Suspension cables equipped with a system for highly precise adjustments.



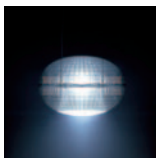
Inclination of suspension cables max. 45°



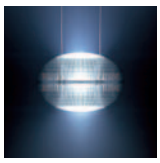
Millimetric regulation of suspension cables

Light distribution

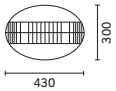
Down light
This version allows down light at α 145°.



Up/down light
The double reflector provides up light at α 145° and down light at α 90°.



Installation systems



light source	W	code	colour
	Down light		
HIE (E27)	150W	**3010**	65
	Up/down light		
	150W	**3006**	65

To ensure the very best photometric performance, we recommend that you utilize L173 lamp.

	code	colour
Cable and base plate kit for suspension with power supply cable L=2000	**4461**	15

Shanghai Oriental Art Center - Shanghai, China
Architectural project: Paul Andreu, ADPI, ECADI (Chinese Architecture Institute)
Lighting project: Paul Andreu - Photo: Hans Schlupp

Greenwich

design Foster & Partners

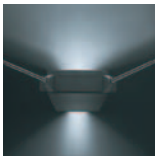
Features

IP65

- Pendant with steel cables or rods.
- Turned, painted aluminium body.
- Superpure aluminium reflectors.
- Safety glass and anti-glare screen for controlling down light.
- The optical system allows adjustment of the down light cone in a range from 60° to 100° by focusing.
- Separate switches.
- Suspension cables equipped with a system for highly precise adjustments.

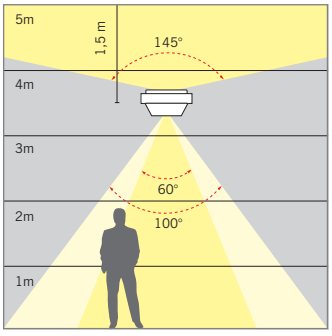
Light distribution

Up/down light guarantees great visual comfort, at the same time ensures an optimum lighting level.



Focusing

The optical system allows adjustment of the down light cone in a range from 60° to 100° by focusing, guaranteeing uniform, optimised lighting irrespective of the height at which the luminaire is installed.



Greenwich

15
GREY

Installation

Installation using rods
Installed on adjustable rods, guaranteeing maximum application flexibility to suit any architectural requirements.

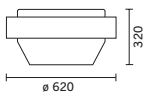
Ceiling application

Wall application

Installation using cables
Suspension on steel cables allows easy, efficient installation operations and the luminaire discreetly fits in to any architectural context.

Suspension cables

Base with power supply cable



light source	W	code	colour
	Up/down light		
HIT-CE (G12)	150 W up +150 W down	**3125**	15
	150 W up +70 W down	**3126**	15
	150 W up +150 W down	***3127**	15
	150 W up +70 W down	***3128**	15

* Designed to accept 100 W HAL B15d auxiliary halogen lamp.

Installation systems

	code	colour
Adjustable suspension rods (± 80) L=4000	**4457**	15
Adjustable suspension rods (± 80) L=4000 with power cord For non-standard installation heights, the rods may be cut.	**4458**	15
Suspension cable kit L=3000 Suitable for use only in internal environments	**0509**	00
Base with power supply cable L=3500	**4459**	15

Berlino

design Piano Design Workshop

Features

IP23 (IP65 with safety glass)

- Pendant installation.
- Die-cast aluminium control gear box.
- Die-cast aluminium anchoring base equipped with power cable and hooking device, plus millimetre-accurate adjustment of the steel cable.
- Screen with transparent safety glass housed in a die-cast aluminium ring with a seal.
- Adjustment of light beam opening.
- Versions with emergency light available.

Small body

Large body

Light distribution

Down light
Version with aluminium reflector for down light.

Up/down light
Version with reflector made of glass + aluminium for down/up light.

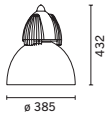
Diffused lighting
Version with etched glass reflector for diffused light emission.

HALO ES	150 - 250W	TC-TEL	42W
HIE	250 - 400W	HIT-CE	70 - 150W
QT 32	150 - 250W		

Berlino

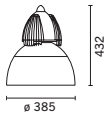
78
GREY/ALLUMINIUM

A1
GREY/NITRIC



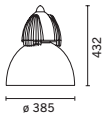
light source	W	code	colour
	Optical assembly with aluminium reflector		
HALOES (E27)	150 W max (HALO ES)	**4300**	78
	250 W (QT 32)		
QT 32 (E27)			
TC-TEL (GX24q-4)	Electronic		
	42 W	**4302**	78
HIT-CE (G12)	70 W	***4305**	78
	150 W	***4306**	78

* Complete with safety glass



light source	W	code	colour
	Optical assembly with aluminum/glass reflector		
HALOES (E27)	150 W max (HALO ES)	**4332**	78
	150/250 W (QT 32)		
QT 32 (E27)			
TC-TEL (GX24q-4)	Electronic		
	42 W	**4334**	78
HIT-CE (G12)	70 W	***4337**	78
	150 W	***4338**	78

* Complete with safety glass

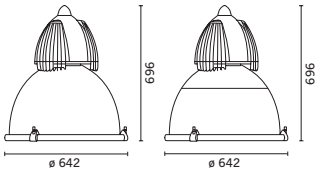


light source	W	code	colour
	Optical assembly with glass reflector		
QT 32 (E27)	150/250 W	**4348**	A1
TC-TEL (GX24q-4)	Electronic		
	42 W	**4350**	A1
HIT-CE (G12)	70 W	***4353**	A1
	150 W	***4354**	A1

* Complete with safety glass and superpure aluminium flow director

light source	W	code	colour
	Optical assembly with aluminium reflector		
HIE (E40)	250 W	**4327**	78
	Optical assembly with aluminum/glass reflector		
	250 W	**4343**	78

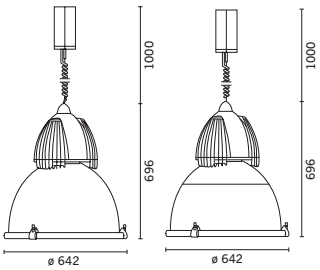
Complete with safety glass



4327 **4343**

light source	W	code	colour
	Pendant with aluminum reflector and emergency light (TC-L 18 W 2G11)		
HIE (E40)	250 W	**4424**	78
	Pendant with aluminum/glass reflector and emergency light (TC-L 18 W 2G11)		
	250 W	**4432**	78

Complete with safety glass



4424 **4432**

accessories

	code	colour	code	colour
Kit for ceiling installation and class II connection L=2000	**4449**	15 for 4300-4302-4305-4306 4332-4334-4337-4338 4348-4350-4353-4354	**4449**	15 for 4327-4343
Kit for ceiling installation and class II connection L=2000	**4447**	15 for 4300-4302-4305-4306 4332-4334-4337-4338 4348-4350-4353-4354	**4447**	15 for 4327-4343
Safety glass complete with seal Use of this accessory guarantees the product IP65 protection	**4442**	15	**---**	---
Superpure aluminium flow director	**4462**	12 for 4350	**---**	---
Antiglare screen Use of this accessory provides increased visual comfort, but reduces luminous yield.	**4450**	04 for 4305-4306-4337-4338	**4455**	04 for 4343-4432
	4451	04 for 4300-4332	**4456**	04 for 4327-4424

Rib

design Paul Heritage

Features

IP20 (IP65 with safety glass)

- Pendant installation.
- Die-cast aluminium control gear box.
- Spin-formed aluminium reflector with low-glossy finish for high performance (ECA compliant versions).
- Accessory assembly with transparent protection glass housed in a die-cast aluminium ring with seal gasket and safety cable.
- Suspension cables equipped with a system for highly precise adjustments.
- Accessory food filters available.

Light distribution

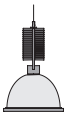
Small body
The use of the compact fluorescent lamp completes the functional capabilities of the product with evident energy saving.

TC-TEL	57W
HIT-CE	70 - 150W

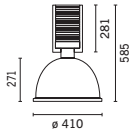
Large body
High-powered lamps are ideal for obtaining a good level of lighting and maximum energy saving.

HIT-CE	250W
HIT	210 - 315W
HIE	250 - 400W

Rib

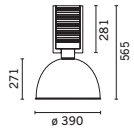


78
GREY/ALLUMINIUM

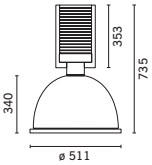


light source	W	code colour
	High-efficiency reflector	
HIT-CE (G12)	70 W	**6757** 78
	150 W	**6758** 78

Complete with safety glass

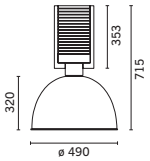


TC-TEL (GX24q-5)	Electronic	
	57 W	**6759** 78



light source	W	code colour
HIT-CE (G12)	250 W	**6760** 78
HIT (PGZ18)	Electronic	
	210 W	**6764** 78
	315 W	**6765** 78

Complete with safety glass



	High-efficiency reflector	
HIE (E40)	250 W	**6761** 78
	400 W	**6762** 78

accessories

	code colour	code colour
Safety glass complete with seal Use of this accessory guarantees the product IP65 protection	**9680** 15 for 6759	**6836** 15 for 6761-6762
Filter support For installation of filters	**9681** 12 for 6757-6758	**---** ---
UV filter	**9685** 24 for 6757-6758	**---** ---
Food filter products		
bakery and cheeses	**9682** 06	**---** ---
meat, fruit and vegetables	**9683** 05	**---** ---
fish products	**9684** 09 for 6757-6758	**---** ---
Kit for ceiling installation and - class II connection L=2000	**6856** 15	**6856** 15

Central

design M. and L. Vignelli - D. Law

Features

IP40

- Direct lighting pendant.
- Moulded polycarbonate componentholder box integrated with diffuser.
- Central 41 is equipped with safety glass held in the lower polycarbonate ring. Simplified unhooking system and safety cable.
- Central 42 is equipped with a multifaceted internal diffuser made of ultrapure aluminium.
- Suspension system complete with a power cable (only for model SM05 and model SM11) or a plastic-coated cable. Transparent power cable for all models.
- Steel sheet ceiling mounted attachment and polycarbonate external rose element.
- High level of light output.
- Suspension cables equipped with a system for highly precise adjustments.

Light distribution

Central 41
aluminium screen
for direct lighting

QT 32	150 - 250W
HIT-CE	70 - 150W
TC-TEL	32 - 57W

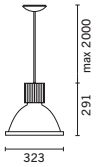
Central 42
polycarbonate screen
for diffused lighting

QT 32	100 - 150W
HIT-CE	70 - 150W
TC-TEL	32 - 42W

Central

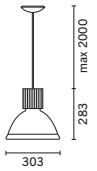
D6
DARK GREY/
ALLUMINIUM

A1
GREY/NITRIC



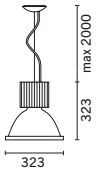
light source	W	code colour
	Aluminium reflector	
QT 32 (E27)	150 W	**SM05** D6

Complete with suspension cables and power supply cable



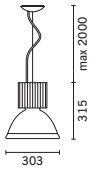
light source	W	code colour
	Polycarbonate screen	
QT 32 (E27)	100 W	**SM11** A1

Complete with suspension cables and power supply cable



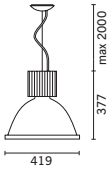
	Aluminium reflector	
HIT-CE (G12)	70 W	**SM06** D6
TC-TEL (GX24q-3)	Electronic	
	32 W	**SM07** D6

Complete with suspension cables and power supply cable



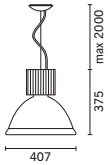
	Polycarbonate screen	
HIE (E27)	70 W	**SM12** A1
TC-TEL (GX24q-3)	Electronic	
	32 W	**SM13** A1

Complete with suspension cables and power supply cable



	Aluminium reflector	
QT 32 (E27)	250 W	**SM10** D6
HIT-CE (G12)	70 W	**SM17** D6
	150 W	**SM08** D6
TC-TEL (GX24q-5)	Electronic	
	57 W	**SM09** D6

Complete with suspension cables and power supply cable



	Polycarbonate screen	
QT 32 (E27)	150 W	**SM16** A1
HIE (E27)	70 W	**SM18** A1
	150 W	**SM14** A1
TC-TEL (GX24q-4)	Electronic	
	42 W	**SM15** A1

Complete with suspension cables and power supply cable

accessories

	code	colour
Antiglare screen	**MW53** 04 for SM16	
	MW54 04 for SM14-SM18	

Tray

design G. and O. Buratti

Features

IP20

- Pendant installation.
- Cylindrical lamp is made of polycarbonate sheet with a satin finish.
- Moulded aluminum structure and painted.
- Thermoformed acrylic anti-glare screen with prismatic finish.
- Suspension cables equipped with a system for highly precise adjustments.

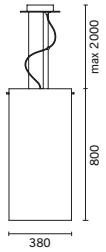
Light distribution

The cylindrical diffuser body and the prismatic lower screen guarantee uniform lighting and excellent visual comfort.

HALO ES	3x100 - 4x100W
TC-L	2x55 - 3x18W
QT 32	3x100 - 4x100W
TC-DEL	4x26W

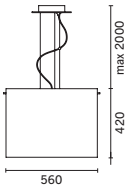
Tray

B5
GREY/WHITE



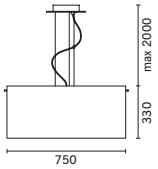
light source	W	code colour
TC-L (2G11)	2x55 W	**SH35** B5

Complete with suspension cables and power supply cable



light source	W	code colour
HALO ES (E27)	3x100 W max (HALO ES) 3x100 W (QT 32)	**SH36** B5
QT 32 (E27)		
TC-L (2G11)	3x18 W	**SH37** B5

Complete with suspension cables and power supply cable



light source	W	code colour
HALO ES (E27)	4x100 W max (HALO ES) 4x100 W (QT 32)	**SH38** B5
QT 32 (E27)		
TC-DEL (G24q-3)	4x26 W	**SH39** B5

Complete with suspension cables and power supply cable

iSign

design J. M. Duthilleul

Features

IP67 IK08

- Diffused light luminaire.
- Polycarbonate body and end caps, aluminium and sheet steel internal structure.
- Double M24 cable clamp uses Dmax=15,5mm electric cables.
- End caps can bee unhooked via stainless steel clips.
- Extractable plate for lamp changes.
- Terminal boxes for quick connection.
- Available electronic and DALI (upon request) control gear, and permanent emergency light, 1.5 hours autonomy with 12 hour recharging cycle - 3 hours autonomy with 24 hour recharging cycle. Conforms to EN60598-2-22.
- Versions with RGB dynamic colour change and compatible with preconfigured light management systems.
- Luminaire ready for pass-through wiring.

Application

With specific accessories iSign can be installed in wall/ceiling, single or double pendant version in horizontal and vertical position.

wall/ceiling-mounted

Horizontal double pendant application

horizontal pendant

vertical pendant

iSign

24
CLEAR
TRANSPARENT

ø 80 mm

light source	W	length	code colour
T16 (G5)	Electronic		
	28W	1460	**6743** 24
	35W	1760	**6744** 24
	54W	1460	**6745** 24
	80W	1760	**6746** 24
	Class of Insulation I		
	Electronic complete with pass-through wiring		
	28W	1460	**6736** 24
	35W	1760	**6737** 24
	39W	1160	**6738** 24
	54W	1460	**6739** 24
	80W	1760	**6740** 24
	2x28W	1460	**6741** 24
	2x35W	1760	**6742** 24
	DALI versions on request		
	Electronic and permanent emergency light		
	2x35W	1760	**MM58** 24

ø 110 mm

light source	W	length	code colour
T16 (G5)	Electronic		
	2x28W	1575	**6751** 24
	2x49W	1875	**6752** 24
	2x54W	1575	**6753** 24
	Class of Insulation I		
	Electronic complete with pass-through wiring		
	2x28W	1575	**6748** 24
	2x49W	1875	**6749** 24
	2x54W	1575	**6750** 24
	DALI versions on request		
	Electronic and permanent emergency light		
	2x28W	1575	**MM59** 24
	RGB complete with pass-through cables		
	3x28/54W	1575	**6755** 24
	3x35/49W	1875	**6756** 24

Complete with:
1 Red tube
1 Green tube
1 Blue tube
Occupies 3 DALI addresses

Compatible with light management systems of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.

accessories	ø 80	ø 110
	code colour	code colour
Two plastic brackets for ceiling/wall installation	**9400** 15	**9412** 15
Two aluminium brackets for ceiling/ wall installation	**9499** 15	**9619** 15
5-pole power base	**9401** 15	**9401** 15
Cable for single horizontal suspension L=1500	**9403** 00	**9421** 00
5-pole power base with cables for single horizontal suspension L=1500	**9402** 15 To be ordered with code 9403	**9413** 15 To be ordered with code 9421
Cable for double horizontal suspension L=1500	**9409** 00	**9423** 00
5-pole power base with cables for double horizontal suspension L=1500	**9408** 15 To be ordered with code 9409	**9422** 15 To be ordered with code 9423
5-pole power base with cables for single vertical suspension L=1500	**9410** 15	**9431** 15
5-pole power base with cables for double vertical suspension L=1500	**9411** 15	**9432** 15

Wall / ceiling / floor luminaires

Ceiling-mounted luminaires

330 iRoll
LED

334 Deep Surface

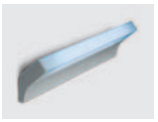
336 Cup
LED

Wall/ceiling-mounted luminaires

338 Motus LED

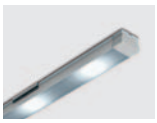
340 Motus

340 Motus



342 Anyway

343 Mini Reglette T16



344 X26
LED

346 Ceiling luminaires
LED

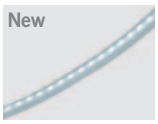
347 Vision
LED

Wall-mounted luminaires

348 Radial

352 iTeka

Graphic lighting



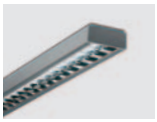
355 Underscore6
LED

359 Underscore
LED

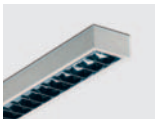
365 PizzaKobra
LED

The codes, technical and lighting design features of these luminaires are shown in the relevant sections

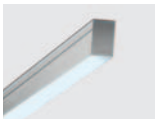
263 Lens



272 Action



306 Lineup

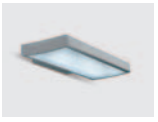


283 iN90 - iN60 - iN30
LED

326 iSign

204 Le Perroquet
LED

227 Cestello
LED



278 Y Light

Capstone Theatre - Liverpool, United Kingdom
Architectural project: DV Architects - Photo: James Newton Photographs

iRoll

Features

IP23

- Ceiling-mounted, wall-mounted, or installed as pendants.
- Aluminium body turned on a lathe, die-cast aluminium ceiling plate, lower frame for ø 240 model made of highly heat-resistant polycarbonate, ø 140 model made of die-cast aluminium.
- Superpure aluminium reflector.
- Professional optics with controlled luminance UGR<19.
- Available electronic multiwatt and DALI control gear, and emergency with inverter.
- High level of light output.
- LED versions with passive dissipation.

DALI PROTOCOL · EMERGENCY · HIGH EFFICIENCY

Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

	LED	12 - 14 - 15W		HIR-111-CE	35W
		17 - 35 - 37W		HIT-CE	70 - 150W
	QR 111	50W		TC-TEL	26 - 2x26 - 2x32W
	PAR 30S	75W		TC-DEL	2x18W

Applications

ceiling-mounted

pendant

wall-mounted

iRoll

01
WHITE

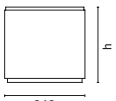
15
GREEN

- **LED Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	ENERGY SAVING	QR 111	ENERGY SAVING	HIT-CE	ENERGY SAVING
1200	14W	50W	72%	-	-	-	-
2000	17W	2x50W	83%	-	-	-	-
4000	37W	-	-	3x100W	87%	50W	26%

(3000K) LED energy saving compared with conventional lamps

light source	W	lm	h	code colour
	General lighting			
QR 111 (G53)	Electronic			
	50 W 12 V		200	**5474** 01-15
PAR 30S (E27)	**75 W**		200	**5476** 01-15
HIR-111-CE (GX8,5)	Electronic			
	35 W		230	**5475** 01-15
LED	**General lighting**			
	Neutral white			
	12 W	1200	200	**MQ06** 01-15
	Warm white			
	14 W	1200	200	**MQ07** 01-15
	Neutral white DALI			
	12 W	1200	200	**MQ08** 01-15
	Warm white DALI			
	14 W	1200	200	**MQ09** 01-15



light source	W	lm	h	code colour
LED	**General lighting**			
	Neutral white			
	15 W	2000	228	**MQ10** 01-15
	35 W	4000	228	**MQ12** 01-15
	Warm white			
	17 W	2000	228	**MQ11** 01-15
	37 W	4000	228	**MQ13** 01-15
	Neutral white DALI			
	15 W	2000	228	**MQ14** 01-15
	35 W	4000	228	**MQ16** 01-15
	Warm white DALI			
	17 W	2000	228	**MQ15** 01-15
	37 W	4000	228	**MQ17** 01-15
	Neutral white with inverter			
	15 W	2000	228	**MQ18** 01-15
	Warm white with inverter			
	17 W	2000	228	**MQ19** 01-15
TC-TEL (GX24q-3)	Electronic			
	26 W		200	**5479** 01-15
	2x26 W		200	**5481** 01-15
	DALI			
	26 W		200	**5482** 01-15
	2x26 W		200	**5484** 01-15
	Emergency light with inverter			
	2x26 W		200	**5496** 01-15
TC-DEL (G24q-2)	Electronic			
	2x18 W		200	**5480** 01-15
	DALI			
	2x18 W		200	**5483** 01-15
	Emergency light with inverter			
	2x18 W		200	**5485** 01-15
HIT-CE (G12)	Electronic			
	70 W		273	**5495** 01-15

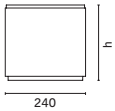
IP43 - Complete with safety glass

DALI versions occupy 1 address

iRoll

01
WHITE

15
GREY



light source	W	lm	h	code colour
LED	UGR<19			
	Neutral white			
	15W	2000	273	**MQ20** 01-15
	35W	4000	273	**MR73** 01-15
	Warm white			
	17W	2000	273	**MQ21** 01-15
	37W	4000	273	**MR74** 01-15
	Neutral white DALI			
	15W	2000	273	**MR75** 01-15
	35W	4000	273	**MR77** 01-15
	Warm white DALI			
	17W	2000	273	**MR76** 01-15
	37W	4000	273	**MR78** 01-15
	Neutral white with inverter			
	15W	2000	273	**MR79** 01-15
	Warm white with inverter			
	17W	2000	273	**MR80** 01-15
	Darklight			
TC-TEL (GX24q-3)	Electronic			
	2x26W		228	**5487** 01-15
	2x32W		228	**5488** 01-15
	DALI			
	2x26W		228	**5489** 01-15
	2x32W		228	**5490** 01-15
	Emergency light with inverter			
	2x26W		228	**5497** 01-15

DALI versions occupy 1 address

accessories	code	colour	code	colour
Safety glass	---	---	**9445**	24
Diffusing glass	---	---	**9445**	65 for 5479-5480-5481-5482 5483-5484-5485-5496
Kit for wall installation	**9439**	01-15	**9443**	01-15
Power supply base with suspension cables L=1500				
	9438	01-15	**9440**	01-15
for DALI versions	---	---	**9441**	01-15
for versions with inverter	---	---	**9442**	01-15

Palace of Exhibitions - Rome, Italy

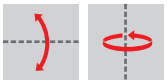
Preliminary and final project: Firouz Galdo and Azienda Speciale Palaexpo
Art direction, lighting project, signs, interior decoration: Michele De Lucchi with Enrico Quell
Photo: Giuseppe Saluzzi

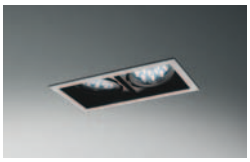
Deep Surface

Features

IP23

- Ceiling-mounted installation.
- Die-cast aluminium optical assemblies, equipped with joints having safety locks allowing lamp adjustment by +/- 30° relative to the vertical and horizontal axes.
- Painted sheet steel supporting structure and inner frame.





The luminaire is also available in the recessed version, page 158.

Optics and lamps

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

	QR 111	75W
	HIR-111-CE	35W

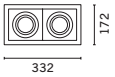
Range

Deep Surface

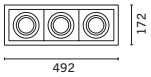
01
WHITE

74
GREY/BLACK

light source	W	h	code	colour
QR 111 (G53)	Complete with electronic transformer 75W 12V	181	**5320**	01-74
HIR-111-CE (GX8,5)	Complete with power supply 35W	253	**5324**	01-74



light source	W	h	code	colour
QR 111 (G53)	Complete with electronic transformer 2x75W 12V	181	**5321**	01-74
HIR-111-CE (GX8,5)	Complete with power supply 2x35W	253	**5326**	01-74



light source	W	h	code	colour
QR 111 (G53)	Complete with electronic transformer 3x75W 12V	181	**5322**	01-74
HIR-111-CE (GX8,5) QR 111 (G53)	Complete with electronic control gear 2x35W +75W 12V (QR 111)	181	**5328**	01-74
QR 111 (G53) HIR-111-CE (GX8,5)	Complete with electronic control gear 2x75W 12V +35W (HIR-111-CE)	253	**5329**	01-74

accessories

	code	colour
Antiglare screen	**2999**	01-04

Cup

design Roberto Pamio

Features

IP20

- Ceiling-mounted, pendant and recessed installation.
- Die-cast aluminium body; thick, transparent pressed glass with an internal satin finish.
- High level of light output.

HIGH EFFICIENCY

Applications

ceiling-mounted

semi-recessed

pendant

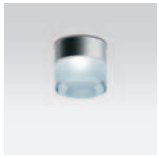
Cup

01 WHITE | 15 GREY | 65 NITRIC

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

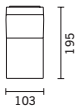
lumen lm	LED	QR CBC 51	ENERGY SAVING
800	12W	50W	76%

(3000K) LED energy saving compared with conventional lamps



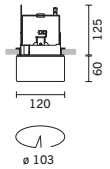
light source W lm code colour

LED Ceiling-mounted
Warm white
12W 800 **MQ97** 01-15



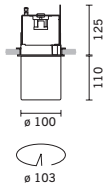
light source W lm code colour

LED Ceiling-mounted
Warm white
12W 800 **MQ98** 01-15



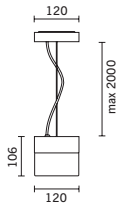
LED Recessed
Warm white
12W 800 **MQ99** 65

Class of Insulation II



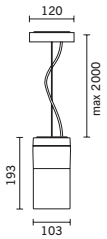
LED Recessed
Warm white
12W 800 **MR00** 65

Class of Insulation II



LED Pendant
Warm white
12W 800 **MQ95** 01-15

Complete with suspension cables and power cable



LED Pendant
Warm white
12W 800 **MQ96** 01-15

Complete with suspension cables and power cable

New Motus LED

Features

IP42

- Safety indication with LED lamp.
- Painted steel lamp body
- Transparent PMMA screens with pictograms for signalling (design L22).
- Indication visible from a distance of 25 m in conformity with UNI EN 1838.
- Ceiling-mounted, recessed, wall-mounted and cantilever.
- Ni-Cd battery; autonomy: 3 hours.
- Permanent operation (always-on).
- Auto-test or centralized test versions.
- Accessories: control system for luminaires with centralized test; remote control for inhibiting luminaires with auto-test.

EMERGENCY

Applications

Motus LED can be applied in different installation modes.

recessed

ceiling-mounted

cantilever

wall-mounted

Signalling

In compliance with EN 1838 European standard

SA emergency operation
The system is always on to show directions and emergency exits.

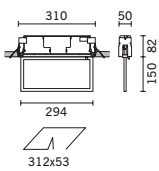
Rest mode
Available for all versions, it permits deactivating the system for short periods. The emergency system is reactivated with remote control code MXT0 (versions with auto-test) or with control system code MXS9 (versions with centralized test).

Inibition mode
Available for versions with centralized test, it permits deactivating the system for long inactivity periods.
The emergency system is reactivated with control system code MXS9.

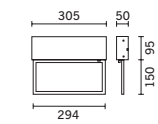
Motus LED

Optical system

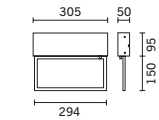
Indicator luminaire with Neutral White LED lamp, visible from a distance of 25 meters (EN1838), life 70,000 hours.



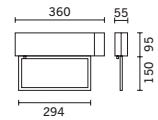
light source	W	lm	auton.	recharge	code colour
LED					**Recessed**
					Always-on (SA) with emergency signalling - Auto-Test
					Neutral white
	1 W	35	3h	24h	**MU31** 01
					Always-on (SA) with emergency signalling - Centralized test
					Neutral white
	1 W	35	3h	24h	**MU32** 01



light source	W	lm	auton.	recharge	code colour
LED					**Ceiling-mounted**
					Always-on (SA) with emergency signalling - Auto-Test
					Neutral white
	1 W	35	3h	24h	**MU33** 01
					Always-on (SA) with emergency signalling - Centralized test
					Neutral white
	1 W	35	3h	24h	**MU34** 01



LED					**Wall-mounted**
					Always-on (SA) with emergency indication - Auto-Test
					Neutral white
	1 W	35	3h	24h	**MU35** 01
					Always-on (SA) with emergency signalling - Centralized test
					Neutral white
	1 W	35	3h	24h	**MU36** 01



LED					**Wall-mounted, cantilever style**
					Always-on (SA) with emergency signalling - Auto-Test
					Neutral white
	1 W	35	3h	24h	**MU37** 01
					Always-on (SA) with emergency signalling - Centralized test
					Neutral white
	1 W	35	3h	24h	**MU38** 01

The codes refer to the installation system.
Indicator screens to be ordered separately.

accessories

	code	colour
Screen with pictogram 1 side - left arrow	**MXS4**	84
Screen with pictogram 1 side - right arrow	**MXS5**	84
Screen with pictogram 1 side - downward arrow	**MXS6**	84
Screen with pictogram 2 sides - right/left arrow	**MXS7**	84
Screen with pictogram 2 sides - downward arrow	**MXS8**	84

components

	code	colour
Control system for luminaires with Centralized test - 230V-50Hz - Rechargeable internal battery (charges in 24 h) - Absorption 2VA - 1 output line - max 100 luminaires connectable - Allows: 1) immediate manual tests from keyboard 2) programmed automatic tests	**MXS9**	00
Command for inhibiting luminaires with Auto-Test - max 100 luminaires can be operated - Absorption from mains 0,5 VA - Allows: synchronization of tests, immediate function test, inhibiting	**MXT0**	00

Motus

design Atelier Bellini

Features

IP66

- Wall- or ceiling-mounted installation.
- Self-extinguishing shatterproof polycarbonate.
- General or emergency light.

EMERGENCY

Easy installation

Installed over mounting and connection boxes

Wall mounting with external cable conduit

Emergency lighting

In compliance with EN 1838 European standard

SA emergency operation
The system is always on to show directions and emergency exits and as general illumination.

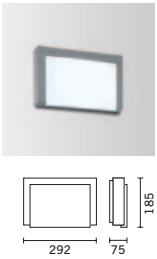
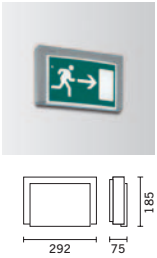
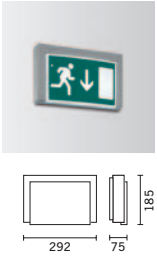
SE emergency operation
The system functions only in emergency conditions, beginning to operate in the event of power supply failure.

Rest mode
It permits deactivating the system for short periods. When power supply is started again, the emergency system resumes its functions too.

Inibition mode
It permits deactivating the system for long inactivity periods.
The emergency system needs manual restarting.

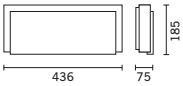
Motus

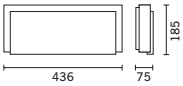
01 WHITE 15 GREY

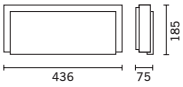
	light source	W	autonomy	recharge	code colour
	TC-SEL (2G7)	General light			
		11 W			**5424** 01-15
		Emergency light (SE)			
		11 W	1h	12h	**5423** 01-15
		11 W	1,5h	12h	**5498** 01-15
	TC-SEL (2G7)	Emergency light (SE)			
		11 W	1h	12h	**5426** 01-15
		11 W	1,5h	12h	**5499** 01-15
	TC-SEL (2G7)	Emergency light (SE)			
		11 W	1h	12h	**5428** 01-15
		11 W	1,5h	12h	**5500** 01-15
	TC-SEL (2G7)	Emergency light (SE)			
		11 W	1h	12h	**5430** 01-15
		11 W	1,5h	12h	**5568** 01-15

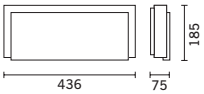
Complete with lamp except General light version.

	light source	W	autonomy	recharge	code colour
	T 16 (G5)	General light			
		24 W			**5439** 01-15
	TC-L (2G11)	Emergency light (SE)			
		24 W	1h	12h	**5435** 01-15
		24 W	3h	16h	**5437** 01-15
		Always-on for emergency light (SA)			
		24 W	1h	12h	**5436** 01-15
		24 W	3h	16h	**5438** 01-15
	TC-L (2G11)	Emergency light (SE)			
		24 W	1h	12h	**5444** 01-15
		24 W	3h	16h	**5446** 01-15
		Always-on for emergency light (SA)			
		24 W	1h	12h	**5445** 01-15
		24 W	3h	16h	**5447** 01-15
	TC-L (2G11)	Emergency light (SE)			
		24 W	1h	12h	**5452** 01-15
		24 W	3h	16h	**5454** 01-15
		Always-on for emergency light (SA)			
		24 W	1h	12h	**5453** 01-15
		24 W	3h	16h	**5455** 01-15
	TC-L (2G11)	Emergency light (SE)			
		24 W	1h	12h	**5460** 01-15
		24 W	3h	16h	**5462** 01-15
		Always-on for emergency light (SA)			
		24 W	1h	12h	**5461** 01-15
		24 W	3h	16h	**5463** 01-15









Complete with lamp except General light version.
The versions with 3h autonomy and 16h recharge guarantee the autonomy of 1.5h with 12h recharge with the same flows

accessories

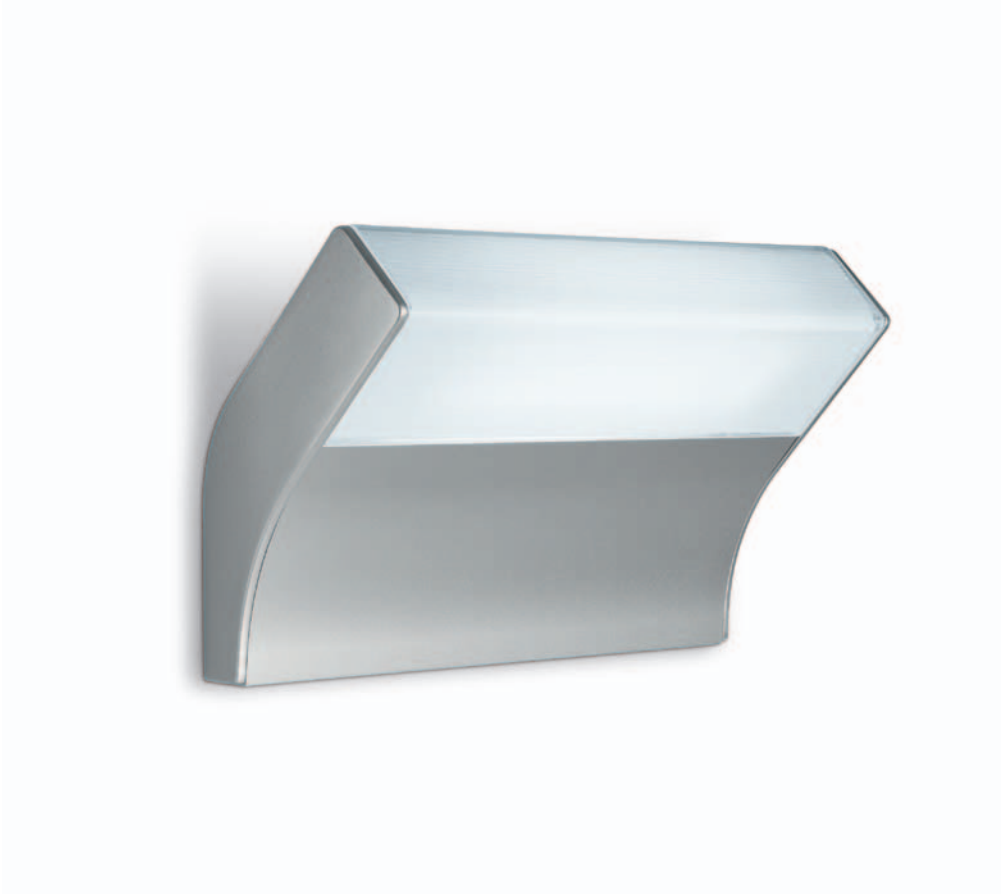
	code	colour
Coupling for external cable trays ø 16 or 20 mm	**1199**	15
Replacement batteries	**1229**	00
	for 5423-5426-5428-5430	
	1234	00
	for 5435-5436-5444-5445 5452-5453-5460-5461	
	1236	00
	for 5437-5438-5446-5447 5454-5455-5462-5463	
	1240	00
	for 5498-5499-5500-5568	

Anyway

design G. and O. Buratti

01
WHITE

15
GREY

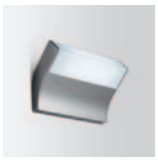


Features

IP40

- Wall- or ceiling-mounted installation.
- Extruded aluminium and polycarbonate.
- Extruded polycarbonate screen, with internal embossed design and satin finish.
- Available electronic control gear and maintained emergency light, 1.5 hours autonomy with 12 hour recharging cycle - 3 hours autonomy with 24 hour recharging cycle. Compliance with EN60598-2-22.

EMERGENCY



light source	W	length	code colour
TC-L (2G11)	Electronic		
	18 W	275	**SD75** 01-15
T 16 (G5)	Electronic		
	24 W	615	**SD76** 01-15
	IP54 (ceiling application) IP55 (wall application) Class of Insulation II		
	Emergency light		
	24 W	615	**MM68** 01-15

Mini Reglette T16

01
WHITE

Features

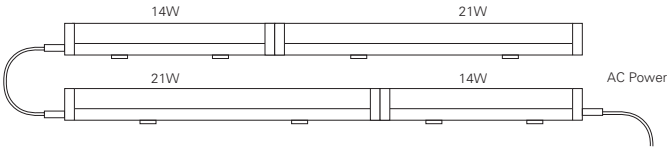
IP20

- Wall- or ceiling-mounted installation.
- Aluminium body, polycarbonate screen.
- Fast-coupling direct joints.
- Avvailable electronic and DALI control gear.
- Luminaire reduced dimensions.

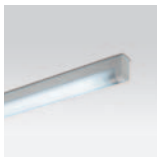
System grouping

Maximum number of products that can be connected with one single power supply (electronic versions)
For the DALI versions consult the instructions sheet

- 14 W - max 20 pieces
- 21 W - max 15 pieces
- 28 W - max 12 pieces
- 35 W - max 10 pieces



Max power 400W



light source	W	length	code colour
T16 (G5)	Electronic 3000K		
	14 W	578	**5203** 01
	21 W	878	**5204** 01
	28 W	1178	**5205** 01
	35 W	1478	**5206** 01
	Electronic 4000K		
	14 W	578	**5207** 01
	21 W	878	**5208** 01
	28 W	1178	**5225** 01
	35 W	1478	**5226** 01

Complete with lamp and protection screen

light source	W	length	code colour
T16 (G5)	DALI 3000K		
	14 W	595	**5278** 01
	21 W	895	**5279** 01
	28 W	1195	**5280** 01
	35 W	1495	**5281** 01
	DALI 4000K		
	14 W	595	**5282** 01
	21 W	895	**5283** 01
	28 W	1195	**5284** 01
	35 W	1495	**5285** 01

Complete with lamp and protection screen
Class of Insulation I

accessories

	code	colour
Power supply cable complete with plug L=1800	**9693**	01 for electronic versions
Power supply cable with 90° base complete with plug L=1800	**9692**	01 for electronic versions
Flexible connection cable		
L=150	**9690**	01
L=300	**9694**	01
L=1800	**9691**	01 for electronic versions

	code	colour
Power supply cable without plug L=1500	**9724**	01 for DALI versions
Flexible connection cable		
L=300	**9725**	01
L=600	**9741**	01
L=800	**9742**	01
L=1000	**9743**	01 for DALI versions

X26

IP40

Features

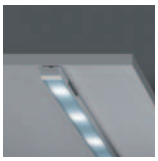
- Wall- or ceiling-mounted installation.
- Extruded aluminium bars, supplied in various lengths, up to 2000 mm.
- Opaline polycarbonate diffuser.
- Fixing system uses clip accessories.
- Luminaire reduced dimensions.

Quick-connecting terminal

Versions

Ceiling-mounted
A minimal, clean design for installation on ceilings, under and above shelving, for up lighting, wall-mounting and floor-mounting, depending on requirements.

The adjustable arm accessory allows the ceiling-mounted version to also be wall-mounted. The luminaire can be aimed thanks to the adjustability of the arm.

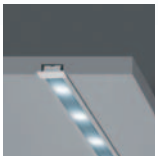


Surface-mounted installation

Adjustable base

Adjustable arm L=100/200

Recessed
System X26 also includes a recessed version with perimeter rim; the section can be inserted in contrast position in case of high thickness or in false ceilings from 1 to 30 mm by making a through cut and using the specific optional springs.
This version of X26 guarantees the same performance with minimum visual impact.



Under-shelf

Through milled

X26

12
ALUMINIUM

Light distribution

X26 is ideal for use in boutiques, stores and retail areas, for lighting showcases, shop windows, corners, shelves and display stands, which require effective linear lighting.

LED	3,2 - 3,4 - 6,3W 6,7 - 13 - 19W 20 - 25 - 27W

Ceiling-mounted

light source	W		lm	length	code	colour
LED	Neutral white					
	3,4W	24V	270	250	**M846**	12
	6,7W	24V	530	500	**M847**	12
	13W	24V	1060	1000	**M848**	12
	20W	24V	1590	1500	**M849**	12
	27W	24V	2120	2000	**M850**	12
	Warm white - CRI 90					
	3,2W	24V	190	250	**M856**	12
	6,3W	24V	380	500	**M857**	12
	13W	24V	760	1000	**M858**	12
	19W	24V	1140	1500	**M859**	12
	25W	24V	1510	2000	**M860**	12

Recessed

light source	W		lm	length	code	colour
LED	Neutral white					
	3,4W	24V	270	250	**M877**	12
	6,7W	24V	530	500	**M878**	12
	13W	24V	1060	1000	**M879**	12
	20W	24V	1590	1500	**M880**	12
	27W	24V	2120	2000	**M881**	12
	Warm white - CRI 90					
	3,2W	24V	190	250	**M887**	12
	6,3W	24V	380	500	**M888**	12
	13W	24V	760	1000	**M889**	12
	19W	24V	1140	1500	**M890**	12
	25W	24V	1510	2000	**M891**	12

Ceiling-mounted installation

	code	colour
Fixing clips	**MWJ8**	00
Adjustables arms		
L=100	**MWJ5**	12
L=200	**MWJ6**	12
Adjustables base	**MWJ4**	15
Power supply end cap with cable	**MWJ9**	15
Power supply intermediate end cap	**MWK0**	15

Recessed installation

	code	colour
Pair of springs for insertion with through slot	**MWK3**	00
Power supply end cap with cable	**MWK1**	15
Power supply intermediate end cap	**MWK2**	15

components

	code	colour
Constant-voltage electronic ballast 50W 24V Iout=2A For complex installations with considerable length, the electronic power supplies for DIN bar with code 9911 (96W) - 9912 (240W)	**MWK4**	00
Constant-voltage electronic ballast 70W 24V IOUT=2,9A	**MWK5**	00
DALI dimming interface monochromatic LED 120W 24V VIN=10-24Vdc VOUT=10,5-24Vdc	**MWP3**	00

Ceiling Luminaires

design Luigi Massoni (Muna - Yin)

01
WHITE

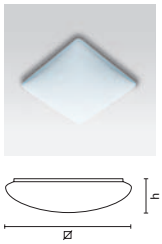
Features

IP40

- Wall- or ceiling-mounted installation.
- Sheet steel body, with thermoplastic material screen.
- LED version available.
- Available Inductive control gear and emergency light.

EMERGENCY

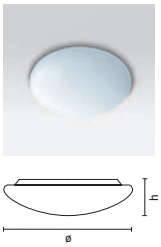
Muna



light source	W	dimens.	h	code colour
TC-S (G23)	Inductive			
	2x9 W	⌀ 260	85	**5235** 01
TC-L (2G11)	Inductive			
	2x18 W	⌀ 394	117	**5236** 01
	2x36 W	⌀ 530	143	**5240** 01
	Electronic			
	2x18 W	⌀ 394	117	**5238** 01
	2x36 W	⌀ 530	143	**5242** 01
	Inductive emergency light			
	2x36 W	⌀ 530	143	**5243** 01
TC-DEL (G24q-2)	Inductive emergency light			
	2x18 W	⌀ 394	117	**5239** 01

Electronic FL versions in Class of Insulation II

Bos



light source	W	lm	dimens.	h	code colour
LED	Neutral white				
	10 W	920	ø 264	80	**5014** 01
	21 W	2000	ø 426	125	**5030** 01
	Warm white				
	10 W	920	ø 264	80	**5015** 01
	21 W	2000	ø 426	125	**5031** 01
TC-S (G23)	Inductive				
	2x9 W		ø 264	80	**5344** 01
HALOES (E27)	Inductive				
	60 W max		ø 426	125	**5099** 01
	100 W max		ø 530	150	**5096** 01
TC-L (2G11)	Inductive				
	2x18 W		ø 426	125	**5342** 01
	2x36 W		ø 530	150	**5343** 01
	Electronic				
	2x18 W		ø 426	125	**5353** 01
	2x36 W		ø 530	150	**5354** 01
	Inductive emergency light				
	2x36 W		ø 530	150	**5401** 01
TC-DEL (G24q-2)	Inductive emergency light				
	2x18 W		ø 426	125	**5400** 01

Electronic FL versions in Class of Insulation II

Vision

design Roberto Pamio

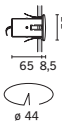
65
NITRIC

Features

IP40

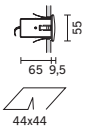
- Recessed wall- and ceiling mounting.
- Diffusers made with pressure-formed glass which have an internal satin finish. Painted metal lamp compartment can be recessed into plasterboard, or similar surfaces, without an outer casing.
- Optional outer casings made of painted metal sheet.

Compact size



light source	W	optic	code colour
LED	Cool white		
	1,2 W 45	88°	**SP51** 65
	Blue		
	1,2 W 15	88°	**SP52** 65
QT9 (G4)	10 W 12 V	82°	**SP41** 65

Complete with lamp and electronic transformer



light source	W	optic	code colour
LED	Cool white		
	1,2 W 45	88°	**SP54** 65
	Blue		
	1,2 W 15	88°	**SP55** 65
QT9 (G4)	10 W 12 V	82°	**SP46** 65

Complete with lamp and electronic transformer

accessories

Outer casing
This accessory permits installation in brick and concrete walls

code	colour
SP79	01

dim. 223x78x80h

code	colour
SP81	01

dim. 220x65x80h

Radial

design Foster & Partners

Features

IP40

- Wall-mounted or pendant installation.
- Made of die-cast aluminium.
- Superpure aluminium reflector, sodium - calcium safety glass.
- High level of light output.
- Pendant versions with cables equipped with millimetric regulation system.

HIGH EFFICIENCY

Light distribution

Down light
Down light is available in the pendant version.

HIT-DE-CE	150W

Up/down light
Up/down light is available in the wall-mounted version and the pendant version with screen.

QT-DE 12ES	300W
HIT-DE-CE	150W
HIT-CE	250W
TC-TEL	57W

Radial

Installation with accessory

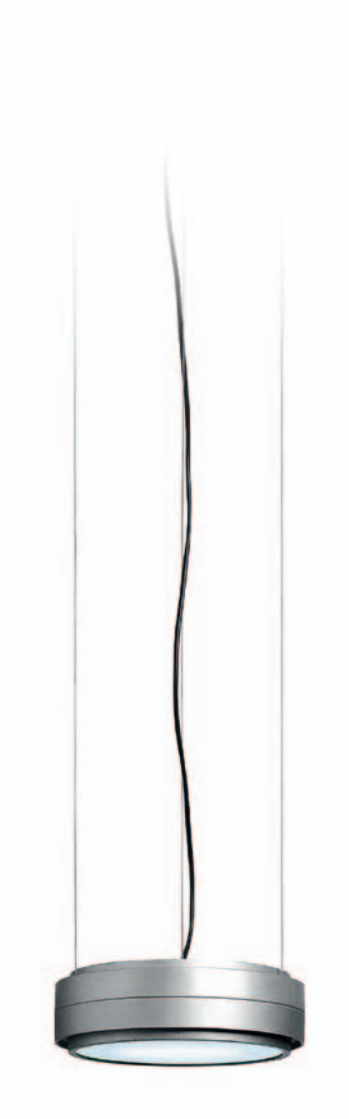
The wall-mounted luminaire can be fitted upside-down, using the special accessory to invert the light beams.

Standard installation

Installation with accessory

Versions

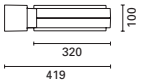
The pendant versions come complete with suspension cables, ceiling base and power cable.



Radial

15
GREY

Wall-mounted



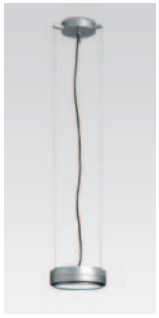
light source	W	code colour
	Up/down light	
QT-DE12 ES (R7s)	300W max	**5046** 15
HIT-DE-CE (Rx7s)	150W	**5047** 15
	150W	***5048** 15
	Electronic	
	150W	**5070** 15
HIT-CE (G12)	250W	**5049** 15
	250W	***5068** 15
TC-TEL (GX24q-5)	Electronic	
	57W	**5069** 15

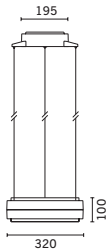
* Designed to accept 100W HAL B15d auxiliary halogen lamp.

accessories

	code colour
Wall-mounting attachment for upside down installation	**MWQ4** 15 for 5046-5047-5048 5069-5970
Antiglare screen To be used when installing the product upside down	**MWQ5** 04 for 5046-5047 5048-5970

Pendant

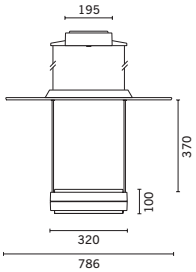




light source	W	code colour
	Down light	
HIT-DE-CE (Rx7s)	Electronic	
	150W	**3028** 15

IP20

Complete with suspension cables L=4200 mm, base and power supply cable.



light source	W	code colour
	Indirect/direct light with reflecting screen	
HIT-DE-CE (Rx7s)	Electronic	
	150W	**3065** 15

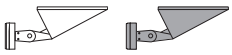
IP20

Complete with suspension cables L=1800 mm, base and power supply cable.

Palace of Exhibitions - Rome, Italy
Preliminary and final project: Arch. Firouz Galdo and Azienda Speciale Palaexpo
Art direction, lighting project, signs, interior decoration: Michele De Lucchi with Enrico Quell
Photo: Giuseppe Saluzzi

iTeka

design Mario Cucinella



01 WHITE
15 GREY

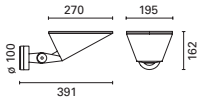
Features

IP40

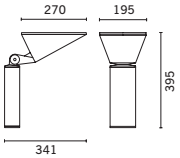
- Wall- or surface-mounted.
- Die-cast aluminium body, extruded aluminium components case.
- Superpure aluminium reflector, sodium-calcium safety glass.
- Adjustability of the projector body +30/ -10° on the vertical axis with mechanical aiming lock.

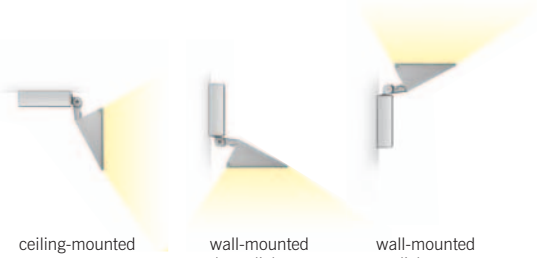
light source	W	optic	code colour
QT-DE12 ES (R7s)	150 W max	A	**B787** 01-15

IP66 - Class of Insulation II



light source	W	optic	code colour
HIT-CE (G12)	Electronic		
	70 W	A	**5006** 01-15
	150 W	A	**5007** 01-15





ceiling-mounted | wall-mounted down light | wall-mounted up light

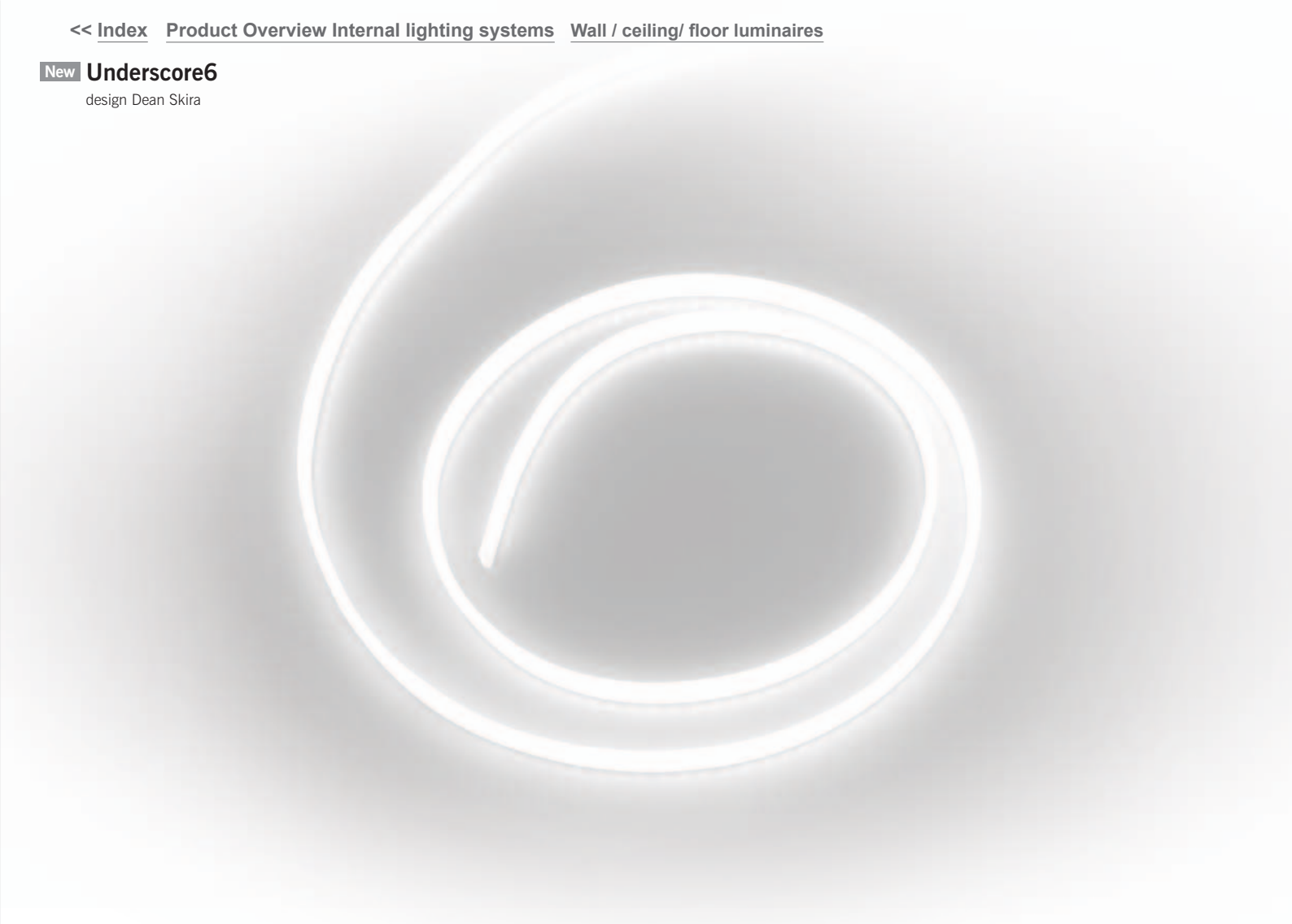
accessories

	code	colour
Diffusing glass to be fitted with accessory-frame	**B997**	65
Coloured filters to be fitted with accessory-frame	**B997**	05-06 09 for B787-5006
Transverse baffle. Can also be fitted with accessory-frame	**B995**	04
Accessory-frame	**B996**	15

Rainbow headquarters - Loreto, Italy
Architectural project: Elisabetta Straffi and Sergio Bianchi - Photo: Giuseppe Saluzzi

New Underscore6

design Dean Skira

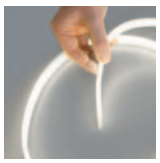


Features

- Flexible strip for linear lighting with monochrome LEDs. Extremely compact (6mm).
- Heat-dissipating silicone elastomer protective cover with diffusing finish.
- Can be cut at preset distances. Uncut strips (full length) ensure a degree of protection of IP65; circuit ends are provided with IP20 end cables, therefore the installer is responsible for completing insulation operations.
- The color temperature values of white LEDs are indicative and subject to changes.
- The strip is specifically for use with innovative aluminum profiles designed to obtain ultra-fine lines of light and impressive lighting effects.
- Frame and minimal recessed linear profiles, for inner corners or edges and for surface applications.

IP65 (IP20 end cables)

LMS



Compact size

Color temperature K

Underscore is available in three color temperatures: warm, neutral and cool. So, for every requirement you can find the most suitable lighting design solution.

3000K

4000K

6000K

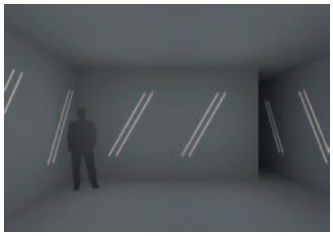
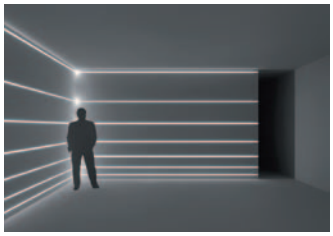
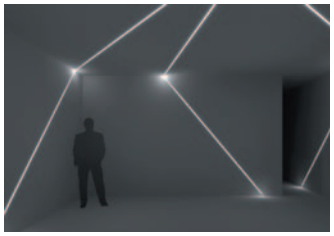
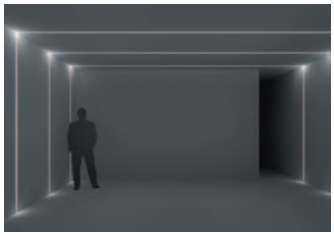
IBM Software headquarters - Rome, Italy

Architectural and lighting project: Iosa Ghini Associati - Photo: Santi Caleca

Underscore6

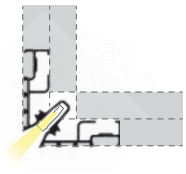
Frame and Minimal installation

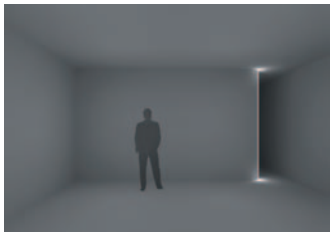
This application allows impressive decorative effects on walls and false ceilings.

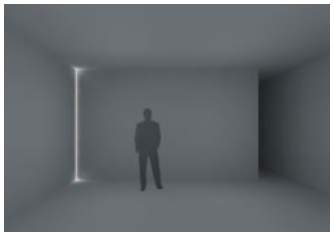





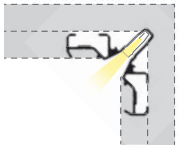
90° outer/inner angular installation

The angular profiles, whether inner or outer, may be installed on plasterboard walls or of existing masonry.



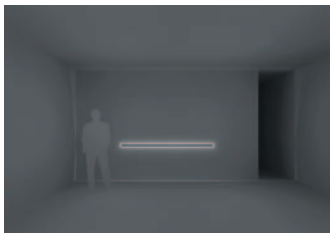

Outer angular installation 90°

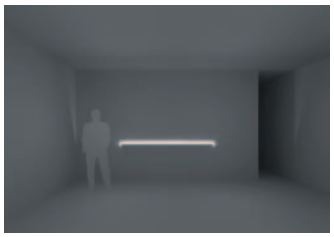

Inner angular installation 90°

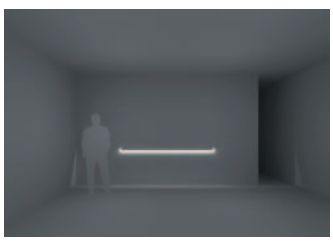


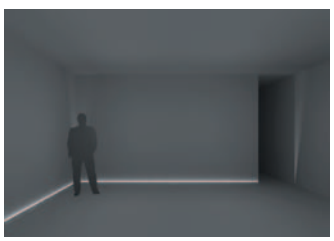
Up/Down installation

Depending on the application, these micro-profiles allow multiple lighting effects.


Double up/down installation

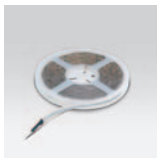

Single up installation


Single down installation


Baseboard up installation

Underscore6

01
WHITE

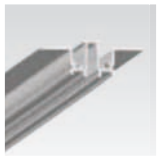


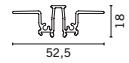
light source	W/m	lm/m	K	code colour
LED	10W 24V	150	3000	**MT96** 01
	10W 24V	150	4000	**MT95** 01
	10W 24V	150	6000	**MT97** 01

120 LED/m
Sections can be split every 50 mm

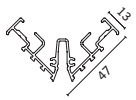
profiles

	length	code colour
Frame recessed linear profile		
	1000	**MXR1** 01-12
	2000	**MXR2** 01-12

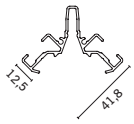




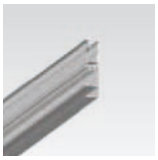
	length	code colour
Minimal recessed linear profile		
	2000	**MXR3** 01

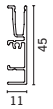


	length	code colour
90° outer angular profile		
	3000	**MXR4** 01

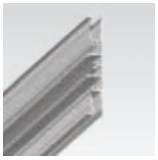


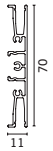
	length	code colour
90° inner angular profile		
	3000	**MXR5** 01





	length	code colour
Single linear surface profile		
	2000	**MXR6** 01-12





	length	code colour
Double linear surface profile		
	2000	**MXR7** 01-12

installation systems

	code	colour
End caps for Frame recessed linear profile 2x5 pieces	**MXR8**	01-15
End caps for Minimal recessed linear profile 4 pieces	**MXR9**	01
End caps for 90° outer angular profile 4 pieces	**MXS0**	01

	code	colour
End caps for 90° inner angular profile 4 pieces	**MXS1**	01
End caps for single linear surface profile 2 pieces	**MXS2**	01-15
End caps for double linear surface profile 2 pieces	**MXS3**	01-15

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Underscore

Features

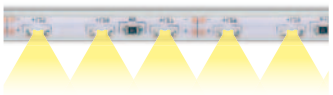
IP65 (IP20 connectors)

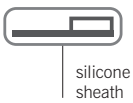
- Linear lighting with monochromatic or RGB LEDs.
- Wall- or ceiling-mounted installation.
- Can be cut at predefined distances according to the version.
- The uncut strips (integral length) ensure a degree of protection of IP65; the circuit ends are provided with IP20 ending connectors, therefore the installer is responsible for completing the insulation operations.
- The colour temperature values of white LEDs are indicative and subject to changes.
- When using the RGB Ledstrip in line the white mix may not be homogenous.

LMS

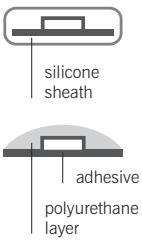
Lighting effect

- **Ledstrip tube side**





- **Ledstrip tube**
- **Ledstrip tube hi-power**
- **Ledstrip**
- **Ledstrip hi-power**



- **Ledstrip tube**
- **Ledstrip tube hi-power**
- **Ledstrip**
- **Ledstrip hi-power**

Beauty Point Store - Rome, Italy
Architectural and lighting project: Rands Associated srl
Photo: Ales & Ales

Underscore

Installation

According to the specific version, Ledstrip can be installed with the adhesive that entirely covers the back of the strip or with the addition of optional accessories - clips and rigid channel - for safer fixing.

Adhesive supplied (for Ledstrip version)

Fixing clips kit (for all versions)

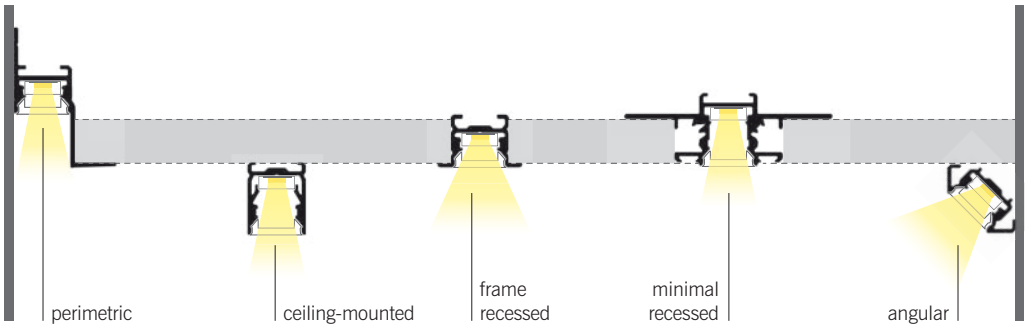
Kit of aluminium rigid channels (side version excluded)

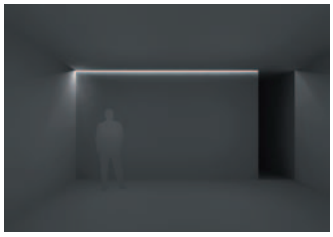
Cut

The strips can be cut at preset distances

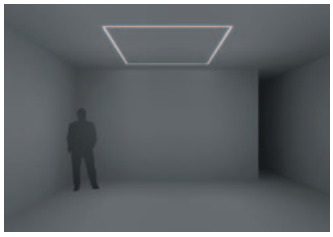
Installations with profiles

Underscore profiles are suitable for many possible applications.

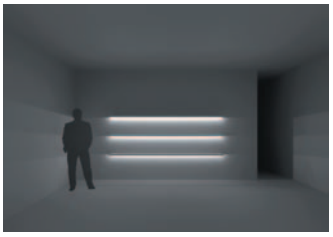




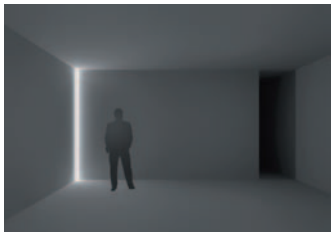
Perimetric installation



Recessed/ceiling-mounted installation



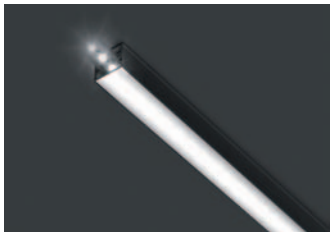
Under-shelf surface-mounted/recessed installation



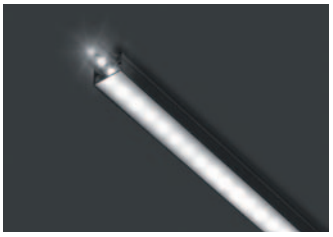
Angular installation

High and Low Profiles

The linear profiles are available in two versions:
High for better diffuser uniformity;
Low for higher light flux.



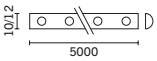
High: 21mm high for the minimal version and 22 mm for the frame version.



Low: 13.5mm high for the surface version and 14.5 mm for the frame version.

Underscore

01
WHITE



light source	W/m		lm/m	K	code colour
LED	5W	12V	240	2400	**M249** 01
	5W	12V	240	3000	**M250** 01
	5W	12V	420	4000	**M251** 01
	5W	12V	420	6000	**M252** 01

Sections can be split every 50 mm
2 strips connected in consecutive line (it is possible to connect 3 strips for a luminaire up to 15 metres long, although there will be a slight drop in light intensity along the line)

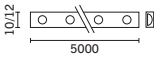
RGB					
	5W		90		**M253** 01

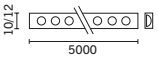
Sections can be split every 100 mm
2 strips connected in consecutive line.
When using the RGB Ledstrip in line the white mix may not be homogenous

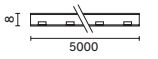
light source					
LED	Hi-power				
	14W	24V	840	3000	**MI59** 01
	14W	24V	930	4000	**MI60** 01
	14W	24V	960	6000	**MI61** 01

Sections can be split every 100 mm

Compatible with light management systems of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.







light source	W/m		lm/m	K	code colour
LED	Tube				
	5W	12V	240	2400	**M824** 01
	5W	12V	240	3000	**M826** 01
	5W	12V	420	4000	**M827** 01
	5W	12V	420	6000	**M828** 01

Sections can be split every 50 mm
2 strips connected in consecutive line (it is possible to connect 3 strips for a luminaire up to 15 metres long, although there will be a slight drop in light intensity along the line)

RGB					
	5W		90		**M829** 01

Sections can be split every 100 mm
2 strips connected in consecutive line.
When using the RGB Ledstrip in line the white mix may not be homogenous

LED	Tube hi-power				
	9,6W	12V	690	3000	**ME33** 01
	9,6W	12V	740	4000	**ME34** 01
	9,6W	12V	740	6000	**ME35** 01

Sections can be split every 25 mm

LED	Tube side				
	5W	12V	240	3000	**MC63** 01
	5W	12V	240	4000	**MC64** 01
	5W	12V	300	6000	**MC65** 01

Sections can be split every 50 mm
2 strips connected in consecutive line (it is possible to connect 3 strips for a luminaire up to 15 metres long, although there will be a slight drop in light intensity along the line)

accessories

	code	colour
Connector kit It contains 1 male connector, 2 female connectors, 2 heat-shrinking sheaths	**MWR5** 00	for M249-M250-M251 M252-MI59-MI60 MI61
Connector kit It contains 1 male connector, 2 female connectors, 4 end caps without holes	**MWR6** 00	for M824-M826-M827 M828-ME33-ME34 ME35
Kit end caps It contains 4 end caps with holes	**MWR7** 00	for M829
Connector kit It contains 1 male connector, 2 female connectors, 4 end caps	**MWR8** 00	for MC63-MC64-MC65

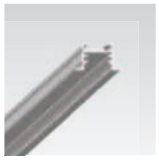
components

	code	colour
Constant-voltage electronic ballast 20W 12V VOUT=12Vdc IOUT=1,65A Max 1 coil (5 m) (Ledstrip, Ledstrip tube, Ledstrip tube side)	**MWF7** 00	
Constant-voltage electronic ballast 70W 12V VOUT=12Vdc IOUT=6,8A Max 3 coils (15 m) (Ledstrip, Ledstrip tube, Ledstrip tube side) Max 1 coil (5 m) (Ledstrip tube hi-power)	**MWF8** 00	
Constant-voltage electronic ballast 100W 12V VOUT=12Vdc IOUT=8A Max 4 coils (10+10 m) (Ledstrip, Ledstrip tube, Ledstrip tube side) Max 2 coils (10 m) (Ledstrip tube hi-power)	**MX36** 00	
Constant-voltage electronic ballast 100W 24V VOUT=24Vdc IOUT=4A Max 1 coil (Ledstrip hi-power)	**MX67** 00	

	code	colour
DALI dimming interface monochromatic LED 50W 12V 120W 24V VIN=10-24Vdc VOUT=10,5-24Vdc	**MWP3** 00	
PWM slave sequencer 20W 12V with voltage output (12V) for RGB VIN=10,8-26,4Vdc VOUT=VIN 1Vdc IOUT=1,5A FOUT=190-210 Hz Max 2 coils (10 m)	**MWG0** 00	
PWM master sequencer 20W 12V with voltage output (12 V) for RGB with radiocontrol VIN=10,8-26,4Vdc VOUT=VIN 1Vdc IOUT=1,5A FOUT=190-210 Hz Max 2 coils (10 m) With code MWF9-master you can connect 2 strips for each code MWG0 slave in continuous sequence; in this case it is important to calculate the total power of the installation (for power supply).	**MWF9** 00	

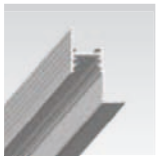
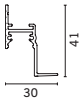
Underscore

profiles for monochrome Ledstrip



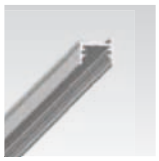
length code colour

Frame recessed low linear profile
1000 **MXK6** 01-12
2000 **MXK7** 01-12

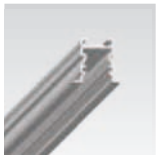
length code colour

Perimetric profile
2000 **MXK5** 00



Surface low linear profile
1000 **MXK8** 01-12
2000 **MXK9** 01-12

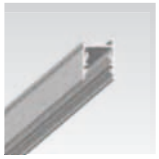
Angular profile
1000 **MXK3** 01-12
2000 **MXK4** 01-12



Frame recessed high linear profile
1000 **MXL0** 01-12
2000 **MXL1** 01-12

Opal diffuser screen
1000 **MXM0** 38
2000 **MXM1** 38

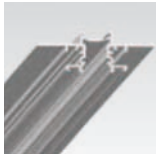
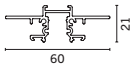
Translucid diffuser screen
1000 **MXM2** 21
2000 **MXM3** 21



Surface high linear profile
1000 **MXL2** 01-12
2000 **MXL3** 01-12

Kit of aluminium rigid channels
MWG1 12

5 pieces with 1 m
Ledstrip tube side cannot be installed with rigid channel.

Minimal recessed high linear profile
2000 **MXN8** 00

Fixing clips kit
MWG2 01

10 pieces

accessories

code colour

End caps for frame recessed low linear profile
2x5 pieces
MXL6 01-15
for MXK6-MXK7

End caps for surface low linear profile
2x5 pieces
MXL7 01-15
for MXK8-MXK9

End caps for frame recessed high linear profile
2x5 pieces
MXL8 01-15
for MXL0-MXL1

End caps for surface high linear profile
2x5 pieces
MXL9 01-15
for MXL2-MXL3

code colour

End caps for minimal recessed high linear profile
4 pieces
MXQ2 01
for MXN8

End caps for perimetric profile
2x5 pieces
MXL5 01
for MXK5

End caps for angular profile
10 pieces
MXL4 01-15
for MXK3-MXK4

Fixing clips for linear profiles
5 pieces
MXM4 00
for MXK6-MXK7-MXK8
MXK9-MXL0-MXL1
MXL2-MXL3

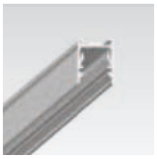
code colour

Fixing clips for angular profile
5 pieces
MXM5 00
for MXK3-MXK4

Springs kit, for insertion with through slot for linear profile
2 pieces
MXP6 00
for MXK6-MXK7
MXL0-MXL1

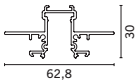
Underscore

profiles for Ledstrip RGB

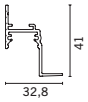


length code colour

Surface high linear profile
2000 **MXQ3** 01-12



Minimal recessed high linear profile
2000 **MXQ4** 00



Perimetric profile
2000 **MXQ5** 00

length code colour

Opal diffuser screen
2000 **MXQ9** 38

Translucid diffuser screen
2000 **MXR0** 21

Kit of aluminium rigid channels
MWG1 12

5 pieces with 1 m
Ledstrip tube side cannot be installed with rigid channel.

Fixing clips kit
MWG2 01

10 pieces

accessories

End caps for surface high linear profile
2x5 pieces
code colour
MXQ6 01-15
for MXQ3

End caps for minimal recessed high linear profile
4 pieces
MXQ8 01
for MXQ4

End caps for perimetric profile
2x5 pieces
code colour
MXQ7 01
for MXQ5

Fixing clips for linear profiles
5 pieces
MXM4 00
for MXQ3

PizzaKobra

design Ron Arad

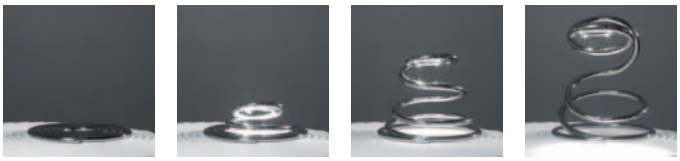
Brit Insurance Designs
AIT

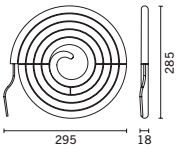
10
CHROME

Features

IP20

- Desk luminaire made of aluminium and steel with glossy chrome-plated finish, formed of concentric spires and adjustable head made of die-cast aluminium.
- The base of the luminaire is provided with anti-scratch rubber feet.





light source	W	lm	code colour
LED	Cool white		
	8W	300	**4059** 10

Pole-mounted systems

Urban lighting

377 La Venaria
LED

381 Albero
LED

385 Anello
LED

389 U.F.O.
LED

395 Crown
LED

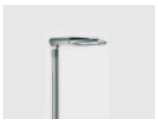
399 iRoll 65 System
LED

403 iTeka
LED

409 Platea System
LED

415 Flaminia System

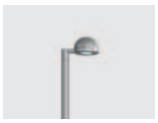
423 Wow
LED


431 Archilede HP
LED

437 Lavinia System
LED

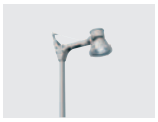
444 iRoad
LED

449 Delphi
LED


449 Argo
LED

457 Street
LED

Multiple floodlights


461 CityWoody
LED

467 FrameWoody
LED

473 MultiWoody
LED

481 MultiPro
LED

Wall applications

389 U.F.O.
LED

409 Platea System
LED

415 Flaminia System

423 Wow
LED

431 Archilede HP
LED

437 Lavinia System
LED

444 iRoad
LED

449 Delphi
LED

449 Argo
LED

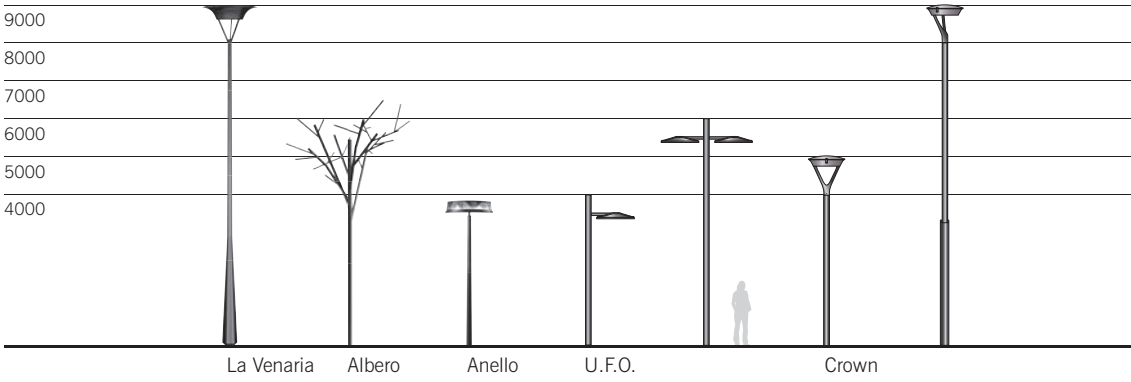
461 CityWoody
LED

The poles can be found on page 489

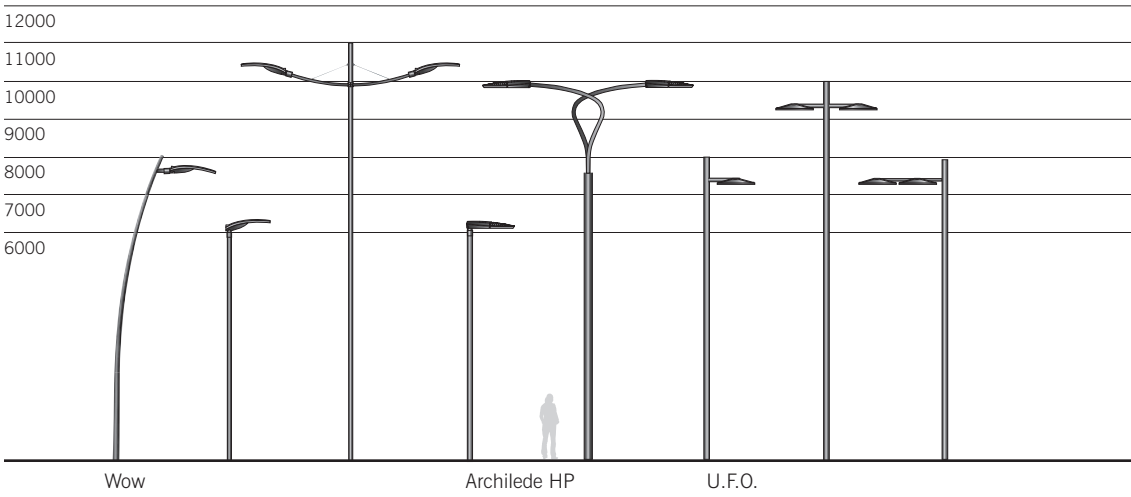
Porta di Roma Shopping Centre - Rome, Italy
Photo: Giuseppe Saluzzi

Pole-mounted systems

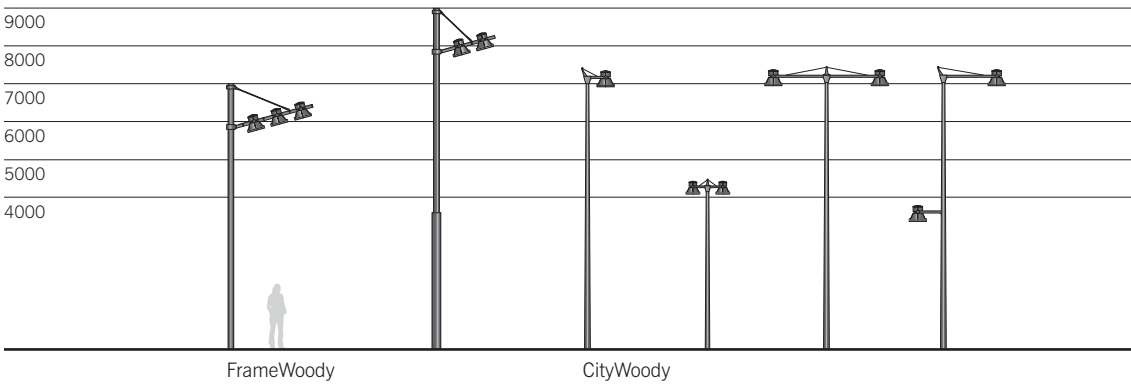
Urban lighting
poles h 4000 / h 9000

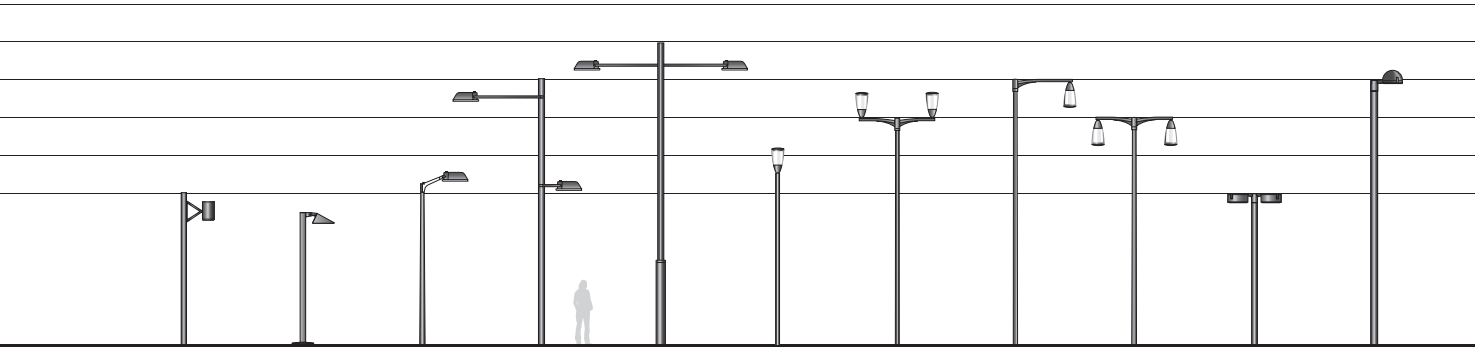


Urban lighting
poles h 6000 / h 12000

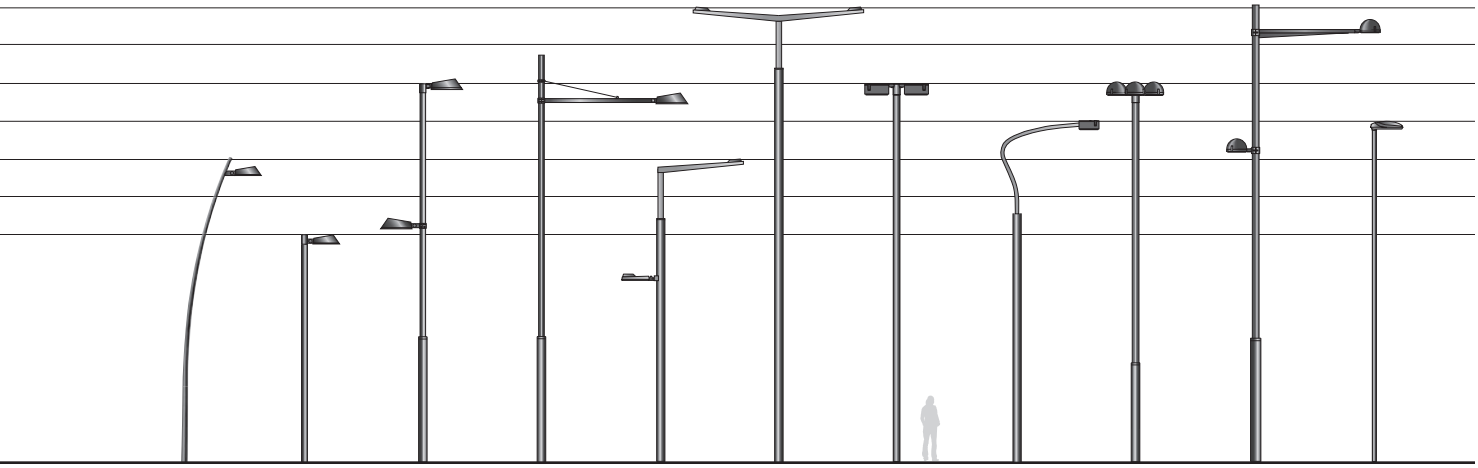


Multiple floodlights
poles h 4000 / h 9000

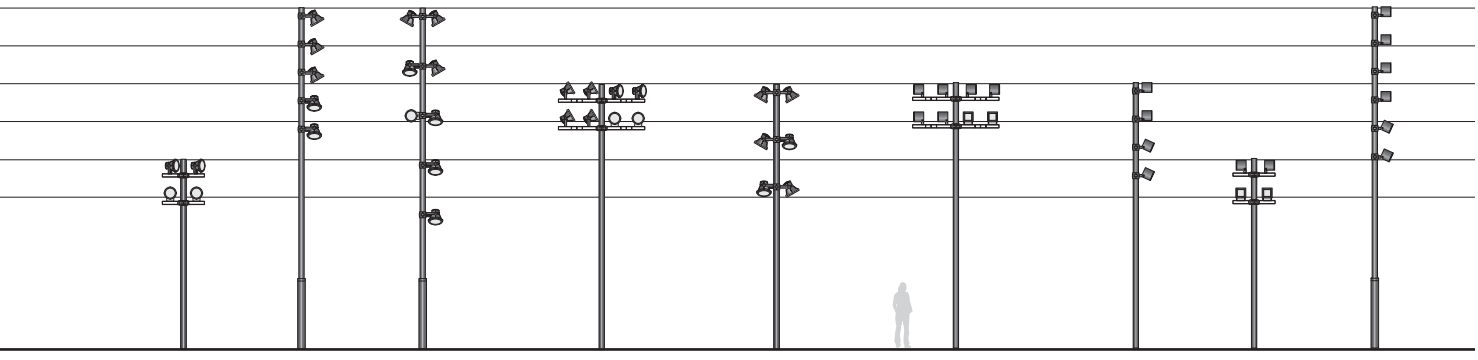




iRoll 65 System
iTeka
Platea System
Flaminia System
Delphi
Argo



Lavinia System
iRoad
Delphi
Argo
Street



MultiWoody
MultiPro

Pole-mounted systems
LED

Opti Smart

The result of iGuzzini research into the optimum use of LEDs, with their ultra-high performance, **Opti Smart** optics represent **the new "frontier" in street lighting.** Opti Smart optics are an innovative solution able to use the luminous flux from LEDs to guarantee luminous efficacy, low consumption, long lamp life, reduced CO_2 emissions, excellent colour rendering; all while optimising energy consumption and eco-sustainability.
The Opti Smart range is made up of two optic systems which guarantee exceptional visual comfort: the first for streets with vehicular traffic (glare index G4), the other for urban pedestrian areas (glare index G6).

Single Chip models use purpose-designed lenses made using state-of-the-art technologies which increase their transparency.

Exclusive and licensed optic principle.
Outdoor LEDs are:
3000K - CRI 80
4000K - CRI 70

Aluminium with silver deposits

Optical collimators

Improved luminaire efficiency

The average energy saving of Opti Smart optics in comparison with luminaires using high pressure sodium lamps is estimated at between 50 and 60% considering different installation conditions. Compared with luminaires using mercury lamps, energy savings can be higher than 70%. The table compares the equivalent power of iGuzzini Opti Smart optics and high pressure sodium and mercury street optics widely used for street lighting mainly where there is vehicular traffic. This allows the existing support to be used, replacing the old luminaire with the new LED luminaire which has high energy savings and minimal installation costs.

ENERGY SAVING 55%

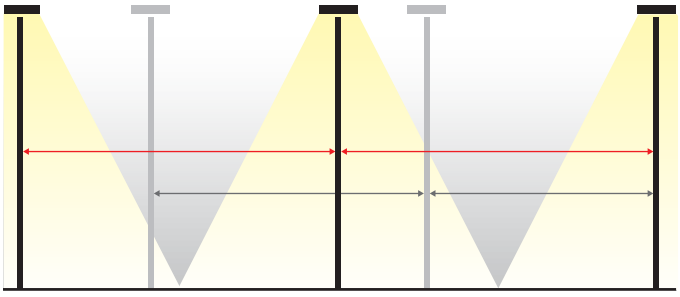
Optic	LED luminaire with Opti Smart	Luminaire with traditional lamp
ST1	24 LED **30W**	HST / HIT **83W** (70W)* HME **99W** (80W)*
ST1	42 LED **54W**	HST / HIT **119W** (100W)* HME **142,5W** (125W)*
ST1	54/66 LED **69/81W**	HST / HIT **178W** (150W)* HME **287W** (250W)*

* The value indicated refers to the nominal output

Increased distance between luminaires

The light distribution achieved with Opti Smart optics guarantees compliance with the luminance, uniformity and visual comfort parameters imposed by regulations and at the same time allows a 10% increase in the distance between luminaires compared with that permitted by the usual optics of discharge lamp luminaires.

Systems can be created with fewer luminaires covering the same street length, meaning reduced investment in system set-up and lower energy consumption.



Opti Smart luminaire **+10%**

Traditional luminaire

Pole-mounted systems
LED

Smart light control

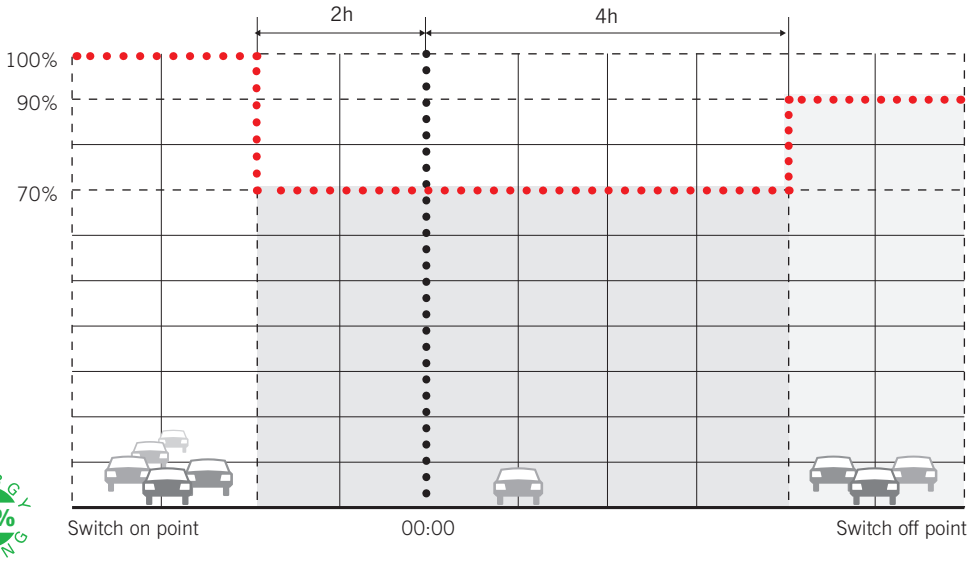
Smart light control is supplied with four preset profiles. The fittings are completely programmable, in terms of the light flow emission, directly on the driver of the product.

The data indicated are subject to change between codes. To consult the data of every single product go to: http://catalog.iguzzini.com

Profile	Energy Saving	Power	Efficiency
1 350mA	● ● ●	Standard	109lm/W
2 450mA	● ●	+17%	107lm/W
3 525mA	●	+27%	103lm/W
4* Midnight recognition 350mA	● ● ● ●	Standard	109lm/W

* The dimmer increases energy savings compared to profile 1.

Example of profile 4
The use of the profile with self-learning includes midnight recognition, thanks to an algorithm, which reduces power, and consequently consumption, of the fitting based on the preset profile.

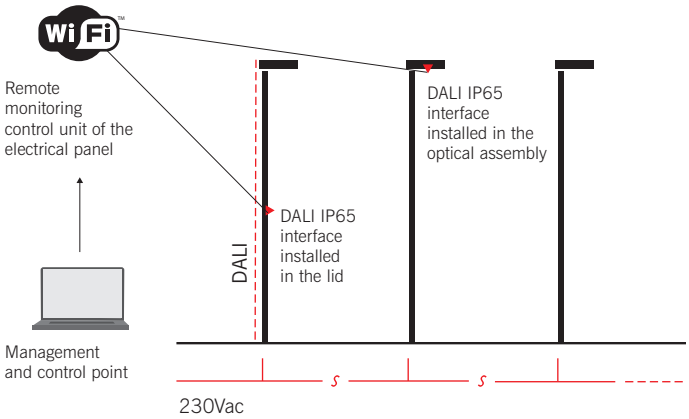


48% Opti Smart optic (Smart light control Profile 1) + **20%** Smart light control Profile 4 = ENERGY SAVING 68%

Telemanagement

This system allows the lighting systems to:
- Remote control of the operating parameters.
- Command switch on, adjustment and switch off.
- Plan the maintenance.

The Telemanagement can manage lighting systems through a remote diagnostics.
"Power Supply", "LED Driver DALI" (0-10V/1-10V) and energy saving bi-energy flux regulators compatible with the systems in the market are available.



Pole-mounted systems
LED

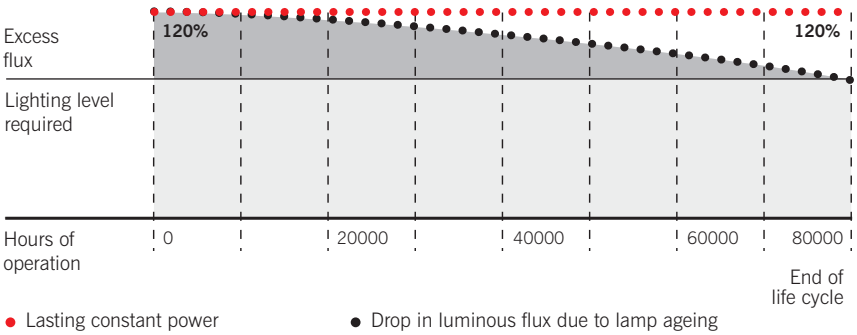
CLO Optimizer

The Constant Lumen Output Optimizer is an innovative system developed by iGuzzini both for power regulation and for the selection of urban luminaires, increasing the advantages of the CLO systems current on the market:
low initial investment and reduced energy consumption.
The CLO Optimizer takes into account the actual ambient temperature where the luminaires will be installed and optimizes the energy needed based on the specific technical features of the luminaire installed. Plus, the software on the iGuzzini website allows users to identify the most suitable luminaires and obtain the necessary performance from the lighting design in accordance with two requirements:

- **choice of product with the fewest LEDs, therefore favouring low initial investments;**
- **choice of the most efficient product, therefore capable of reduced energy consumption.**

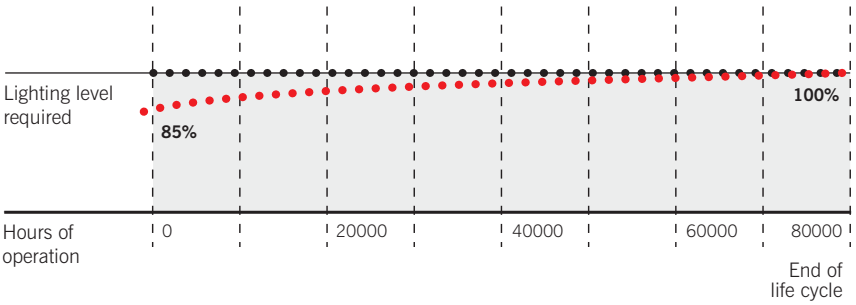
Once the solution has been defined, download the files needed for adjustments and transfer them to the luminaire using a specific USB Pen Profiler.

Classic over-powered system strategy



- Lasting constant power
- Drop in luminous flux due to lamp ageing

CLO Optimizer with system programming



- Power variable over time
- Constant luminous flux, with any drop in flux over time due to lamp ageing offset by increased power

CLO Optimizer Software Use Diagram

1 - Input
Entry of project specific data in CLO software

Product Line	**iRoad**
Type of Optic	**ST1.0**
Colour Temperature	**4000** [K]
Constant Luminous Flux (obtained from lighting design calculation)	**4000** [lm]
Ambient Temperature (annual average)	**25**[°C]
Lowest mains voltage 160 Volts	☐ U<160 Volts
System Lifetime (1 ÷ 30)	**20** [years]
Daily Hours ON (annual average value)	**11** [hours/day]
Product type choice	**economical**
Maintenance Factor	**MF 0.95** used in the lighting design calculation

2 - Processing and Output
After processing the data, the program produces a CLO optimization Profile for the entire system operating lifetime, indicating the absorbed power depending on the time.

Product Line
iRoad

Code
BM04

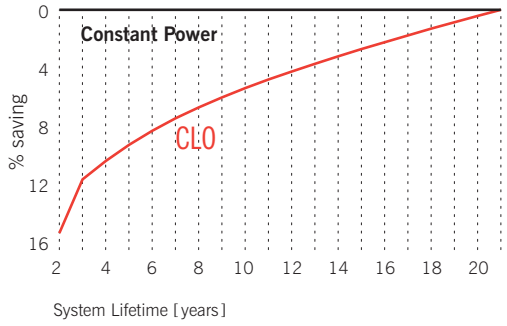
Average power
40 [W]

Consumption of individual luminaire

Constant Power
3379 [kWh]

CLO Optimizer
3219 [kWh]

CO_2 not produced
158 [kg]



3 - USB pen profiler
The profile can be downloaded to a special USB pen (code BZX1) which will be used to transfer the profile to the individual luminaire.

4 - Luminaire
The CLO optimizer Profile is transferred via the USB Pen to the individual luminaire, which will produce the luminous flux programmed.
The CLO Profile is added to the variation in luminous flux emission defined by the Customized Profiles.

Pole-mounted systems
LED

Energy saving

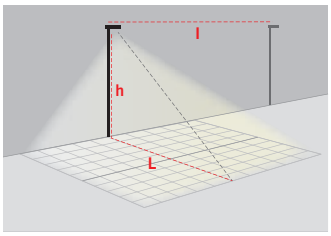
Lighting and energy comparison, with equal values, between the new LED street optics and those with traditional sources.

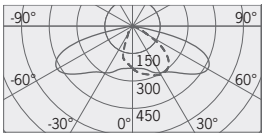
Light source	W				CRI	K
LED	**30**	**54**	**69**	**137**	**70**	**4000**
HST	83 **64%**	119 **55%**	178 **61%**	287 **51%**	20	2000
HIT	83 **64%**	119 **55%**	178 **61%**	287 **51%**	80	4000
HME	92 **68%**	142 **62%**	287 **76%**	-	45	4000

The light flow indicated for the street lighting systems is the actual flow in output from the fitting.

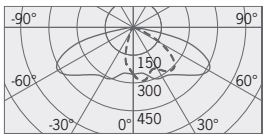
ST - Road optics

d = **L/h**
h = Installation height
L = Width of area to be lit
I = Spacing between poles

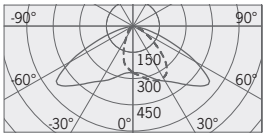




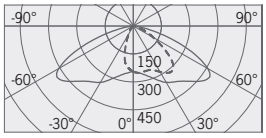
ST1
Road optic for vehicular traffic, urban and interurban areas
I = 4h
d = 1
Glare Index: G4



ST1.2
Road optic for high vehicular traffic, urban and interurban areas
I = 4h
d = 1,2
Glare Index: G4



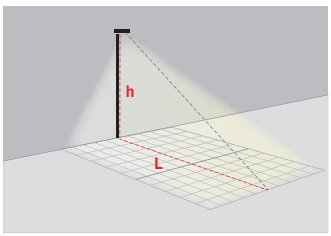
ST1C
Comfort Road optic for pedestrian urban areas
I = 3,7h
d = 1
Glare Index: G6

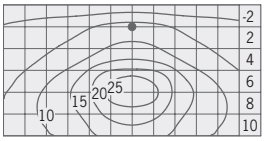


STO.8C
Comfort optic for bicycle lanes
I = 5h
d = 0,5 / 0,8
Glare Index: G6

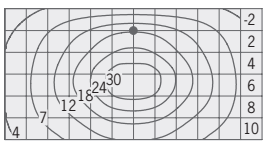
A - Asymmetric optic

d = **L/h**
h = Installation height
L = Width of area to be lit





A60
Asymmetric optic 60°
h = 7
d = 2



A45C
Comfort Asymmetric optic 45
h = 7
d = 1,6

Pole-mounted systems
LED

No photobiological risks

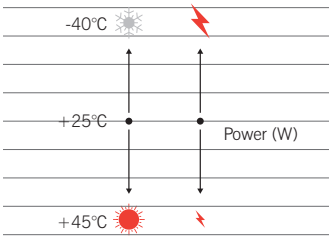
The LED lighting is classified in compliance with the new standard EN 62471. iGuzzini fittings are part of the "Exempt Group" category (no dangers due to infrared, blue light and UV radiation) and they guarantee the compliance with the safety requirements set by the selfsame standard. (Risk group 0)

Risk groups

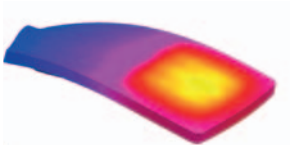
0	1	2	3
Exempt No photobiological hazard.	**Low risk** No photobiological hazard in normal operating conditions.	**Moderate risk** Does not pose a hazard due to aversion response to bright light or thermal discomfort.	**High risk** Hazardous also for momentary exposures.

Extreme operating conditions

Our luminaires are designed to operate perfectly at any ambient temperature. The power of the LEDs is increased or reduced depending on the variation in the ambient temperature relative to the reference temperature of 25° to guarantee optimum operation within a range of ambient temperatures of between -40° and +45°.



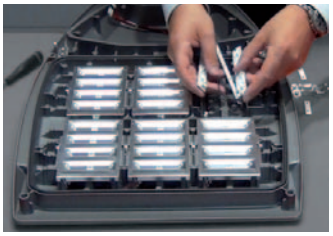
Temperature control



An increase in temperature has a negative impact on the quality of light produced by LEDs and their lifetime. To maintain the Lifetime of the LEDs when the environment temperature changes (extreme conditions) the LED fittings for urban areas are fitted with an internal temperature control that maintains the junction temperature of the LEDs constant.

Replaceable LED – Future Proof Technolgy

The main aim of technological research into LEDs is to increase luminous efficacy (the lumen/watt ratio) in order to improve its energy efficiency. Taking into account the rapid progress in this direction, Opti Smart optics were designed to allow fast technological updating: the rectangular optic modules which hold the LEDs can easily be replaced on installed products with new optic modules which in a few years may house much more efficient LEDs. This protects the investment made, providing a lighting system which will always maximize reductions in energy consumption. The adjustment will also be possible thanks to the possibility of simply updating the driver firmware using the special USB Pen Profiler.



Pole-mounted systems
LED and Discharge lamps

Light pollution

Light pollution is a phenomenon mainly caused by upward light diffusion from luminaires with unscreened optics. iGuzzini luminaires equipped with Opti Smart systems only direct light towards roads used by vehicles and pavements or cycle paths at the side of roads, as required by European standards, in compliance with the most stringent regulations and laws against light pollution and at the same time allow energy-efficient use of artificial lighting.

Graduated scale and blockage of the aim

The adjustability of the optical assembly allow the beam to be aimed on the area being illuminated, whilst the graduated scale and the blockage ensure the precision of the aiming position over time.

Twilight photocell

The fitting s can be fitted, on request, with a sensor which switches the lighting on or off based on changes to the natural light.

Spike di rete

Overvoltages have become increasingly significant in recent years due the proliferation of increasingly sophisticated and sensitive electronic equipment in civil, commercial and industrial applications. The protection requirement employed by iGuzzini illuminazione against voltage spikes at 10kV between power supply conductors and grounding is used in devices for outdoor installation with medium exposure, thus allowing for an excellent reliability index of the product. The exposure levels are defined below:

Low Exposure
Areas with low lighting activity or small load switches.

Medium Exposure
Areas with mediumhigh lighting activity and/or significant load switches.

High Exposure
Areas with high lighting activities and electrical changes.

Maintenance

The routine maintenance of many fitting can be performed with simple and quick tool-free operations, which ensure a considerable saving in resources.

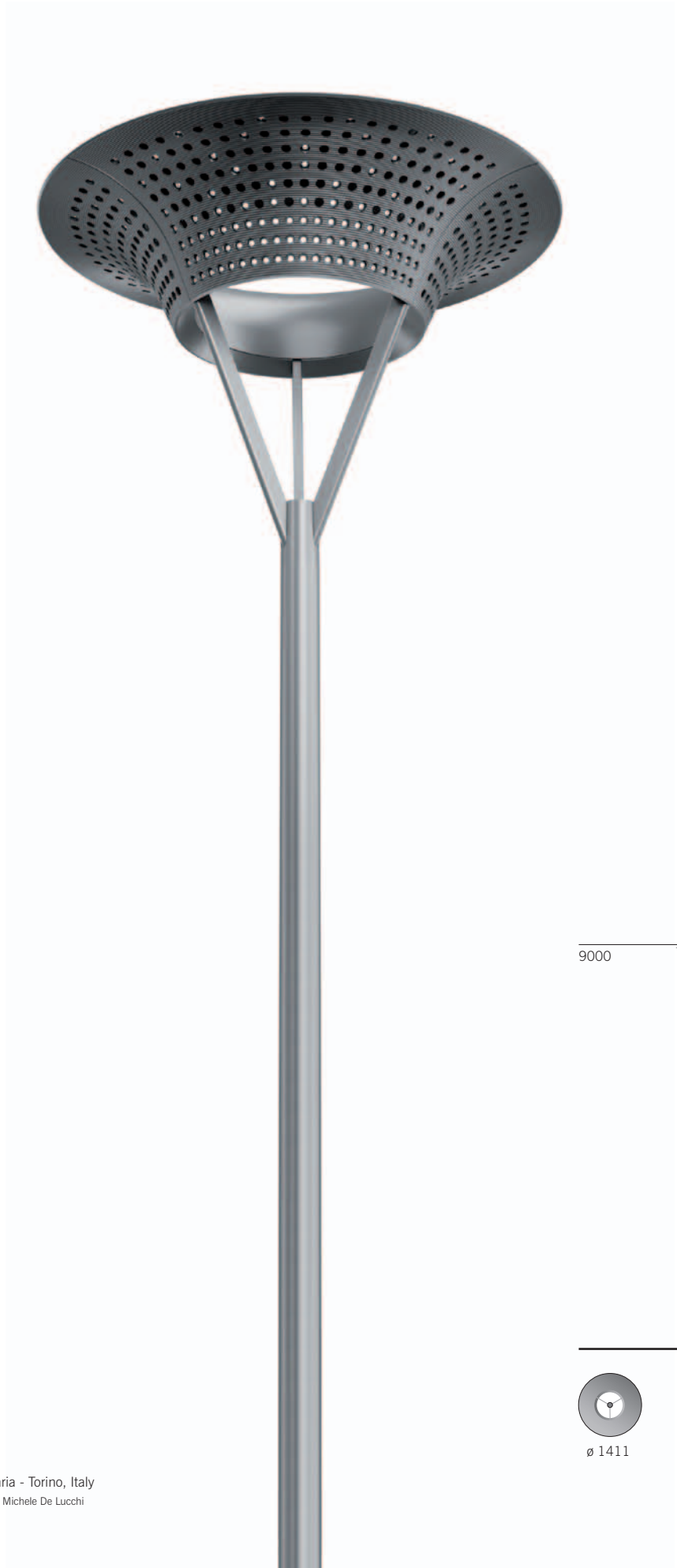
Optical assembly opening

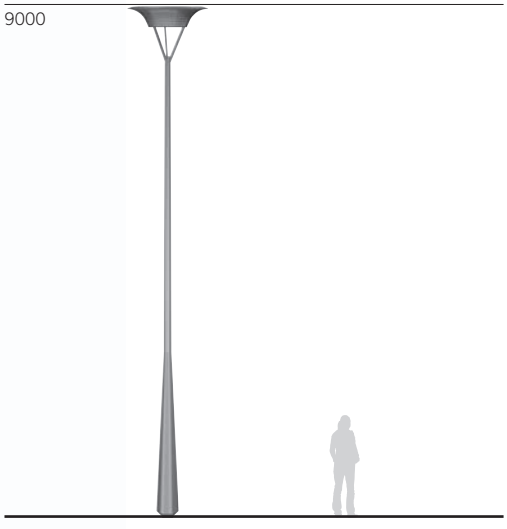
Automatic door lock

Removable plate

La Venaria

design Michele De Lucchi





ø 1411

The Palace of Venaria - Torino, Italy

Lighting project: aMDL - Michele De Lucchi
Photo: Paolo Carlini

La Venaria

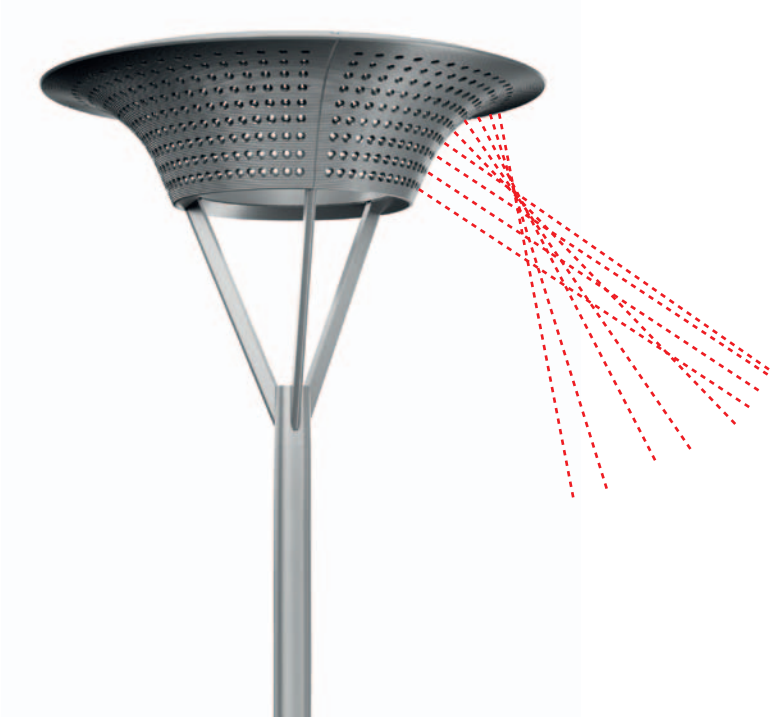
Features

IP67 (IP64 component-holding box) IK07

- Lighting system for large urban areas for use with LED lamps.
- Fitting has an optical assembly and pole.
- Optical assembly and internal cover in painted fibreglass; optical assembly secured to the pole with painted steel tubular sections.
- Optical assembly consisting of neutral white monochromatic LEDs for general lighting.
- Replaceable LED unit.
- Electronic power supply housed inside the product.
- No photobiological risk. This luminaire is in the “Exempt Group” (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- Pole made of EN 10025-S235JR, 70 micron hot galvanized steel. It has a texturized acrylic powder coating surface finish and flush lid (200x100 mm) and ground anchoring plate. The pole is fitted with an internal grounding system, grounding lug, insert and screw.

Optical system

The optical assembly consists of three light emission sectors that, thanks to the combination of optics and spots and medium, ensure for precise lighting solutions. The light distribution can be customised, on request, based on the installation requirements. The different inclination of the projectors, and therefore of the direction of the flow, guarantee uniform and homogenous lighting.



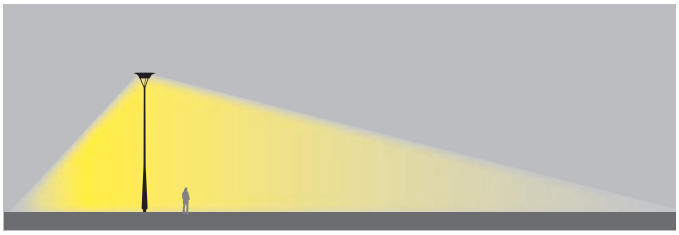
La Venaria

15
GREY

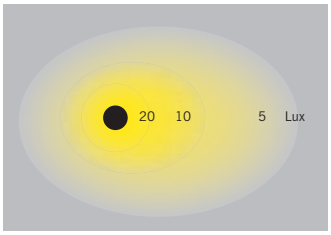
Standard configuration

The two standard configurations, symmetrical and asymmetrical, share exceptional light efficiency as well as lighting precision.

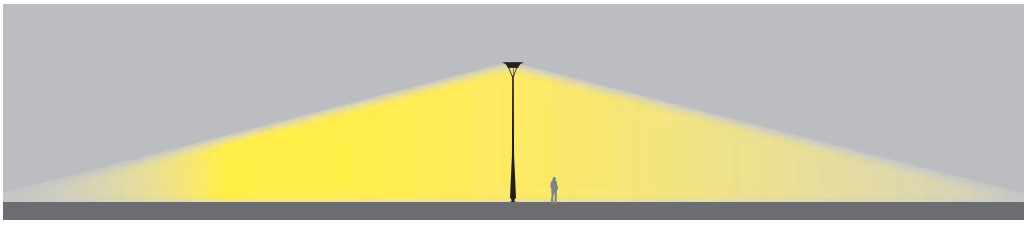
Asymmetrical light distribution



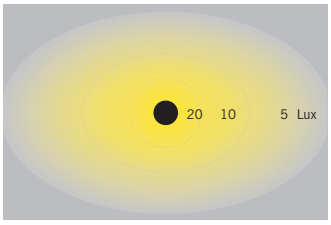
9m 40m



Symmetrical light distribution

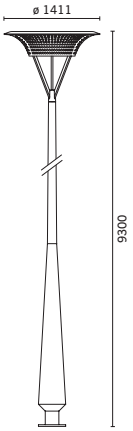


40m 40m



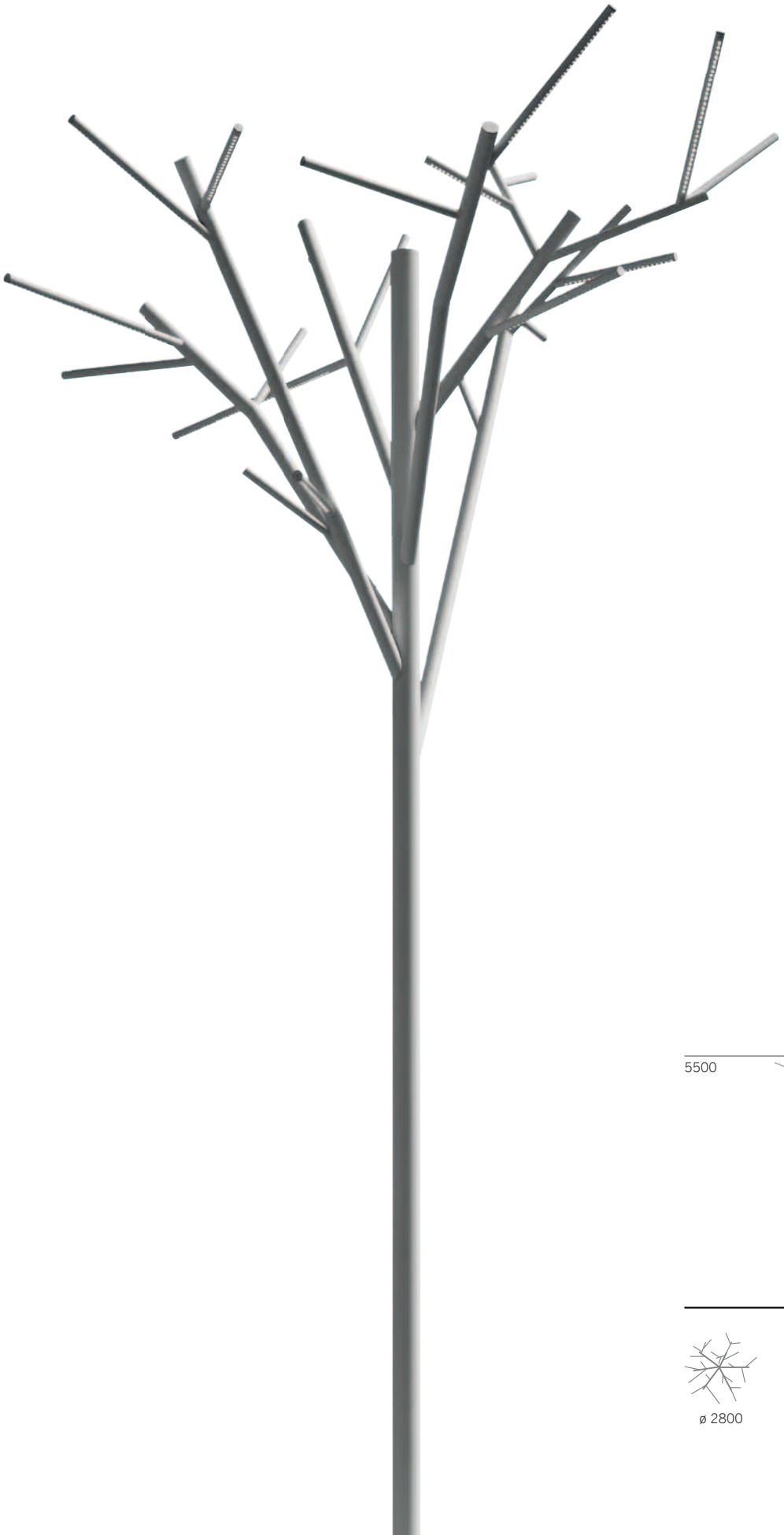
light source	W	lm	optic	code colour
LED	Neutral white			
	168 W	8620	A	**AZ70** 15
	384 W	20290	SM	**AEB0** 15

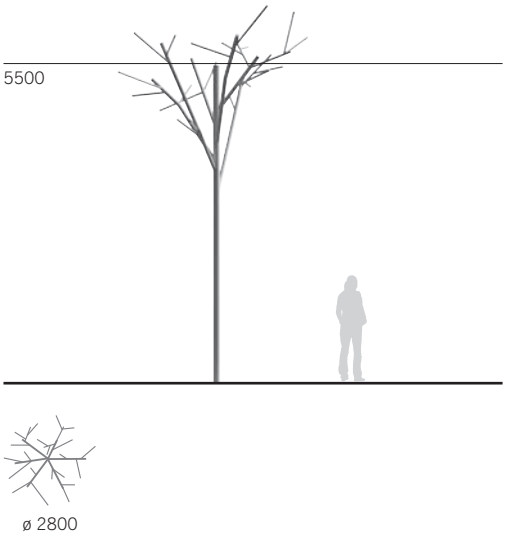
Complete of pole with plate



Albero

Design Enzo Eusebi





ø 2800

Albero

01
WHITE

Features

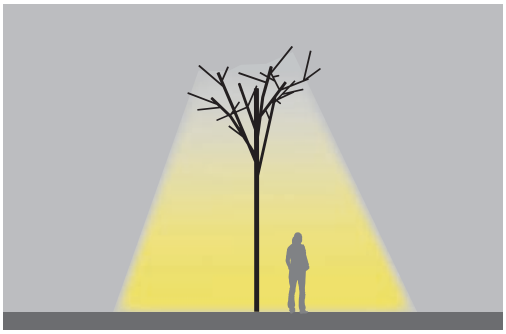
IP65 IK08

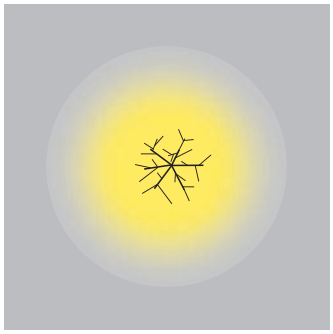
- Direct lighting system for use with LEDs.
- Fitting has a pole and arms (branches) housing the LEDs.
- Stainless steel pole H=5500 mm D=102 mm with white powder coating surface finish and external grounding system.
- Flush lid 220x45 mm.
- Buried versions and with plate (260x260 mm).
- Arms (branches) complete with LEDs in stainless steel tubular sections and painted white.
- Replaceable LED unit.
- Remote electronic power supply inserted in the lid.

Standard configuration

The 21 arms of the system are configured as follows:
n° 12 L=400 mm with 5 W LEDs;
n° 7 L=600 mm with 7,5 W LEDs;
n° 2 L=800 mm with 10 W LEDs.

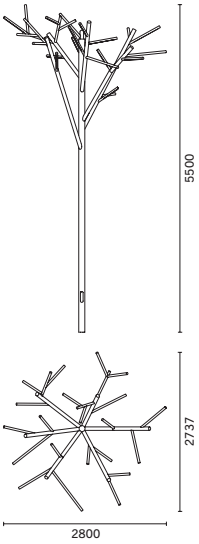
The number of branches that produce the light flow can, on request, be customised.





1mt=40 lux
2mt=35 lux
3mt=20 lux
4mt=15 lux
5mt=8 lux

light source	W	lm	optic	code colour
LED	**Complete with sunk pole**			
	Warm white			
	130 W	2950	SM	**ADR0** 01
	Neutral white			
	130 W	3180	SM	**ADR2** 01
	Complete of pole with plate			
	Warm white			
	130 W	2950	SM	**ADR1** 01
	Neutral white			
	130 W	3180	SM	**ADR3** 01

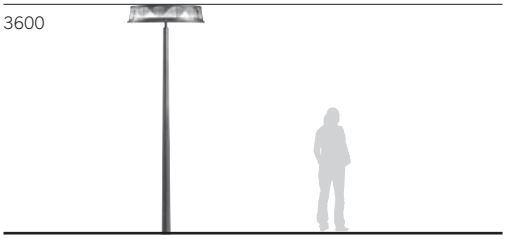


The Venice Biennale, Italian pavilion - Venice, Italy
Architectural project: Luca Zevi - Photo: Stefano Mileto

HOTEL DE VILLE
EGALITE
FRATERNITE

Anello

Design Marc Aurel



ø 900

Marescialle Leclerc Square - Poitiers, France

Lighting project: Marc Aurel - Photo: Didier Boy de la Tour

Anello

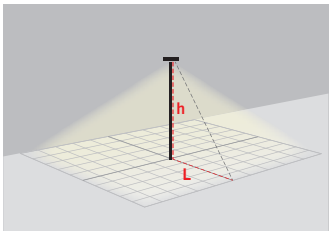
G16
ANTHRACITE GREY

Features

IP55 IK07

- Street lighting system for use with LEDs.
- Fitting has an optical assembly and pole.
- Optical assembly consisting of: cast aluminium structure with glossy black powder coating; external screen in transparent methacrylate; pyramid-shaped internal decorative parts in black; optical assembly with monochromatic warm white LEDs for general lighting, and monochromatic neutral white LEDs for illuminating the decorative parts.
- Pole made of EN 10025-S235JR, 70 micron hot galvanized steel. It has a powder coating surface finish; conical shape (ø 110-70 mm) and a height of 3340 mm; complete with flush lid (200x75 mm) and ground anchoring plate (280x280 mm). The pole is fitted with an internal grounding system, grounding lug, insert and screw.
- Replaceable LED unit.
- Electronic power supply housed inside the product.
- Product supplied with outgoing cable.
- Upper fork in hot galvanized steel and powder coating complete with turned welded pole-top.

Optic



d= **L/h**
h= Installation height
L= Width of area to be lit

SM - Symmetric optic

LED 51W

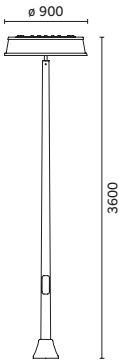
Down light
h = 3 / d = 1

Down light

Up/Down light

light source	W	lm	optic	code colour
LED	**Down light**			
	Warm white			
	51 W	2620	SM	**ABD3** G16
	Up/down light			
	Warm white			
	57 W	2920	SM	**ABM3** G16

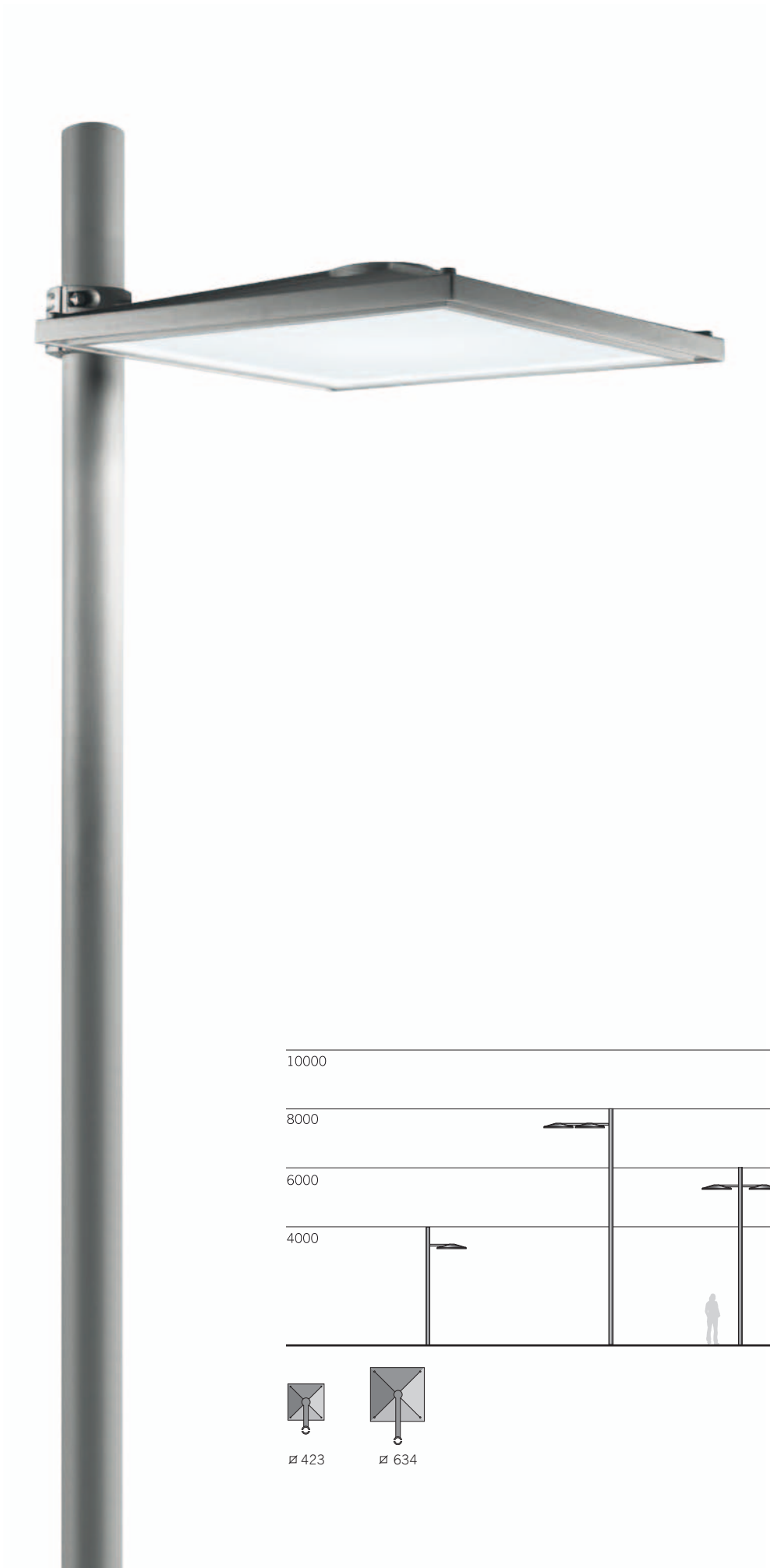
Complete of pole with plate

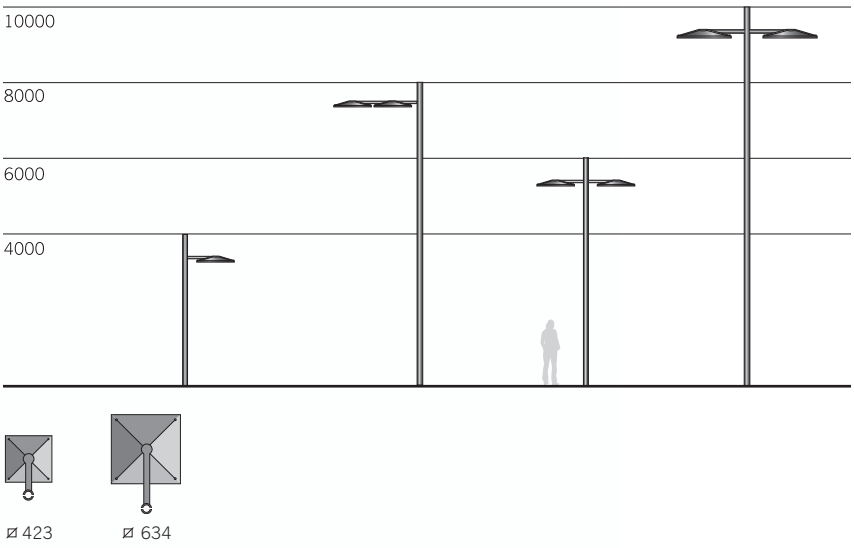


Clotis Square - Hyeres, France
Lighting project: Marc Aurel - Photo: Didier Boy de la Tour

U.F.O.

design Piano design



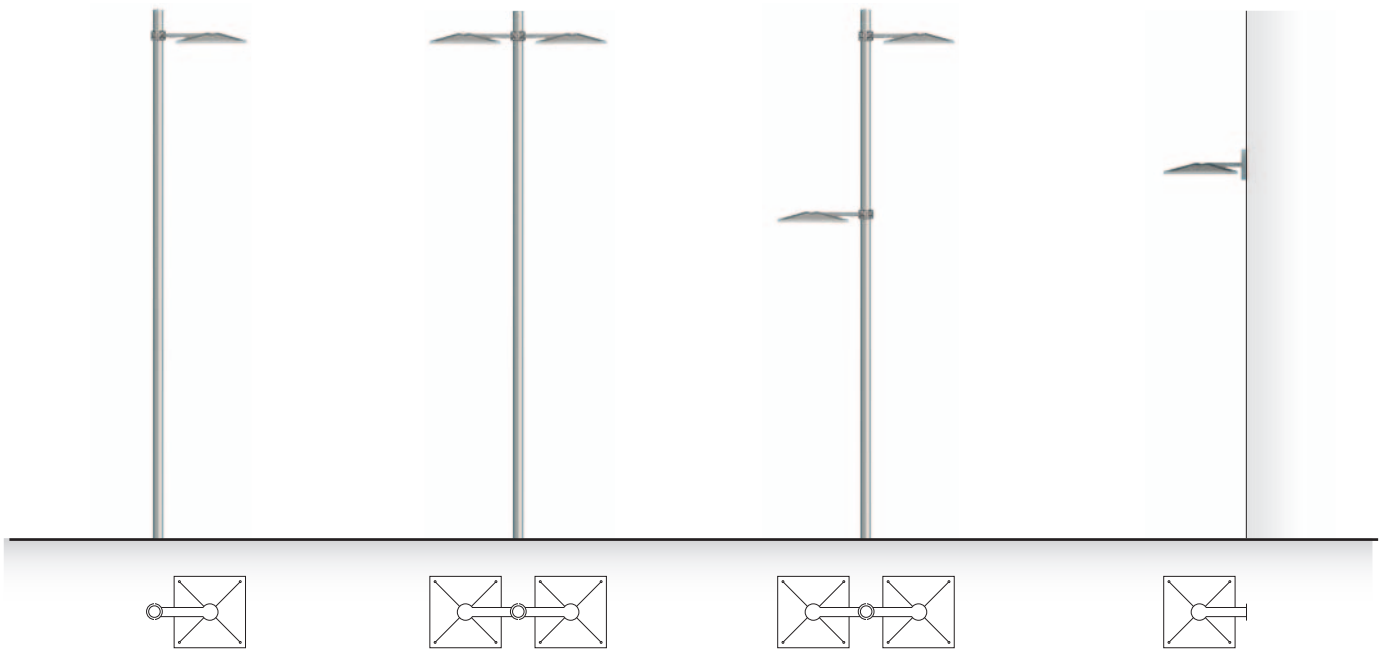


ø 423 ø 634

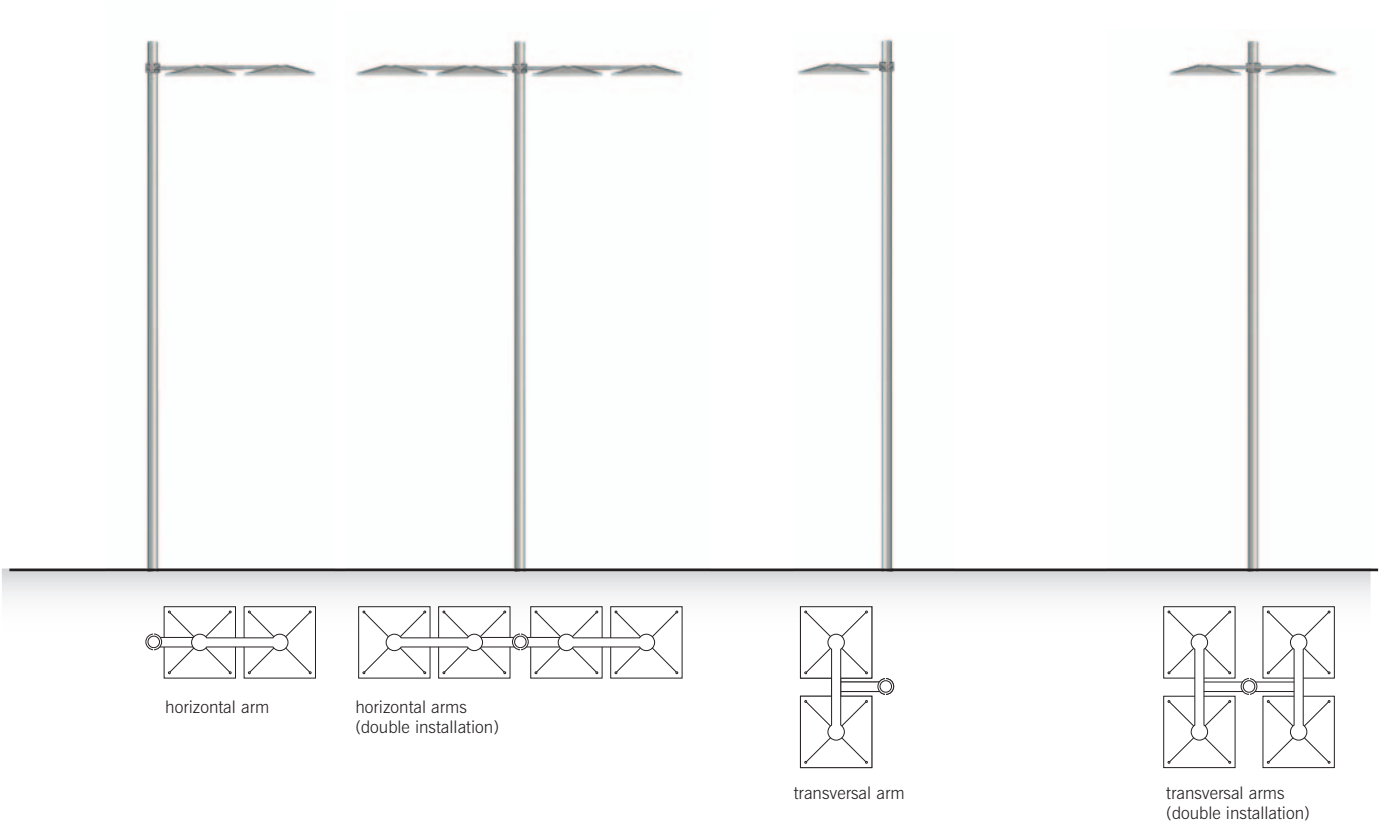
U.F.O.

Compositions

Horizontal arms
For installation of 1 optical assembly.



Horizontal and transversal arms
For installation of 2 optical assemblies.

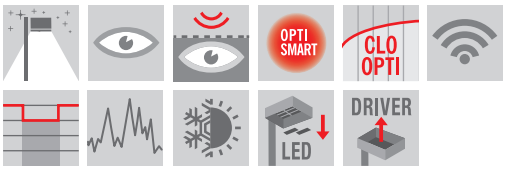


U.F.O.

Features

IP66 IK07

- Street lighting system for use with LEDs.
- Installation with arms on poles with diameters ø 60/76/89/102/114/120 mm.
- Die-cast aluminium optical assembly; sodium-calcium sealing glass, 5 mm thick, or in opaline polycarbonate for versions with SC optic, siliconed to frame that closes the LED compartment with screws.
- Monochromatic LED power versions with reflectors in silver aluminium available with 5 different light distributions.
- No upward emission of the light flow.
- High visual comfort.
- High performance optics (Opti Smart) and uniform light distribution.
- No photobiological risk. This luminaire is in the "Exempt Group" (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- The luminaire has luminous flux emission fully programmable directly from the product driver.
- Road optics: the driver allows the use of 3 fixed profiles (1/2/3) and one variable profile (4) for different output lumen levels and different powers.
  Profile 1 fixed to 350mA
  Profile 2 fixed to 450mA
  Profile 3 fixed to 525mA
  Profile 4 variable to 350mA
- Compatibility with Telemanagement systems thanks to "Power Supply", dual-operation Flux regulator and "LED Driver DALI" (0-10V/1-10V) compatible with the systems on the market.
- Common mode surge protection up to 10KV.
- An active control system modifies the current intensity to preserve the luminous efficacy and the lifetime of the LEDs under any ambient temperature conditions.
- Replaceable LED unit.
- All external screws are in stainless steel.



on request versions:

Optical systems

Versions with Road and Asymmetrical **Opti Smart** optics have new generation optics which guarantee lighting efficiency, low consumption, reduced CO_2 emissions and excellent colour rendering.
Street is ideal for urban and interurban areas with vehicular traffic. Asymmetric is for pedestrian urban areas and bicycle lanes.

Road/Asymmetric optic

Comfort Symmetric optic

The **Comfort Symmetric** optic**,** designed for pedestrian areas (Glare index G6), contributes to creating a comfortable environment with "soft" light similar to the effect achieved with indirect lighting.

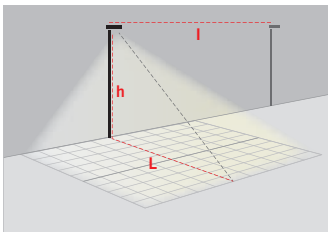
- LED **Single Chip**
- Colour stability **Mac Adam <4**
- Life 100000 h **L90** Profile 1-4
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	HIT/HST		HME	
3180	30W	83W	64%	92W	68%

(4000K) LED energy saving compared with traditional lamps
The system life is calculated at Ambient Temperature (Ta) 25°C

U.F.O.

Optics



d = **L/h**
h = Installation height
L = Width of area to be lit
I = Spacing between poles

ST - Road optics

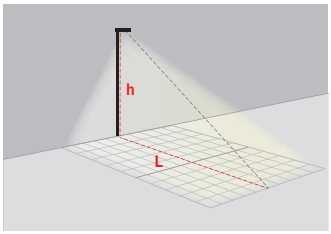
LED

OPTI SMART

ST1
30 | 39W
I = 4h / d = 1
Glare Index: G4

ST1.2
39W
I = 4h / d = 1,2
Glare Index: G4

ST1C
31W | 45W
I = 3,7h / d = 1
Glare Index: G6



d = **L/h**
h = Installation height
L = Width of area to be lit

A - Asymmetric optics

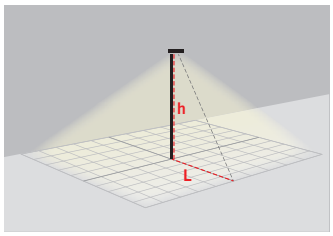
LED

OPTI SMART

A60
45W
h = 7 / d = 2

A45C
45W
h = 7 / d = 1,6

The driver of this version allows the use of 4 different profiles which correspond to different durations of the dimming period.



d = **L/h**
h = Installation height
L = Width of area to be lit

SC - Comfort Symmetric optic

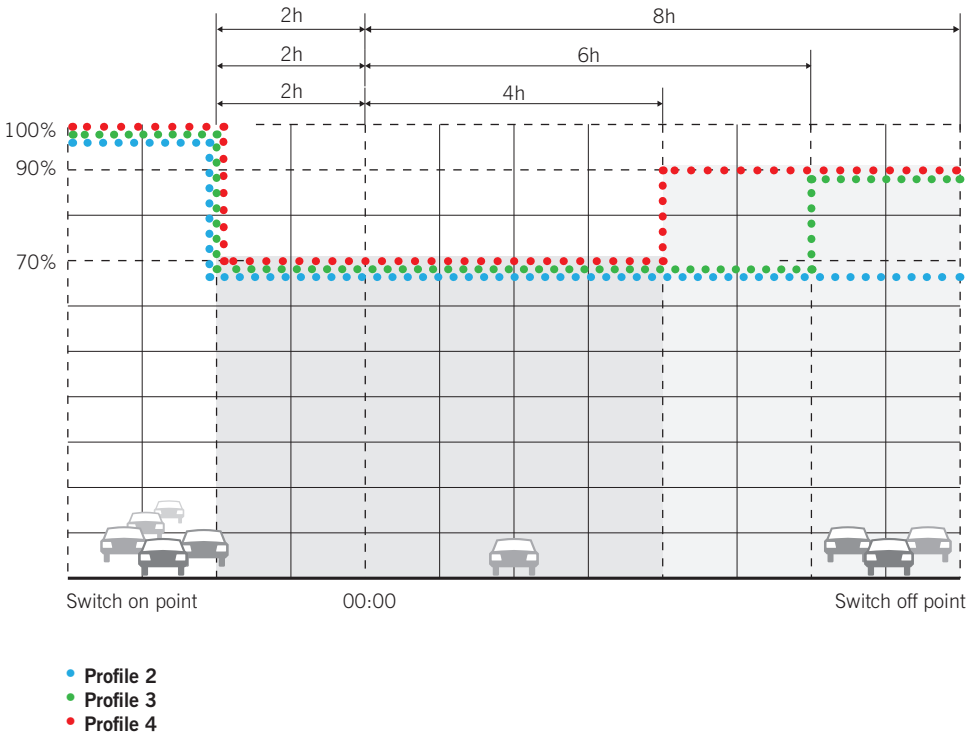
LED

37 | 60W
h = 7 / d = 1
Glare Index G6

Smart Light Control

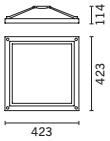
Profile 1 fixed 100%
Profile 2 variable with flow reduction and midnight recognition (10h at 70%)
Profile 3 variable with flow reduction and midnight recognition (8h at 70%)
Profile 4 variable with flow reduction and midnight recognition (6h at 70%)

The profiles can also be customised further via USB by including, for example, midnight recognition or decreasing the output lumen levels in each profile.



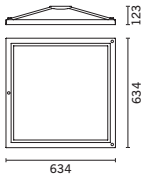
U.F.O.

B5
GREY/WHITE



light source	W	lm	optic	code colour
LED	Neutral white			
	36 W	2400	SC	*BL03 B5
	30 W	3180	ST1	BL05 B5
	39 W	4120	ST1	BL07 B5
	39 W	4120	ST1.2	BL09 B5
	31 W	3030	ST1C	BL13 B5
	45 W	4540	ST1C	BL15 B5
	45 W	4780	A60	BL11 B5
	45 W	4300	A45C	BL17 B5
	Warm white			
	36 W	2190	SC	*BL02 B5
	30 W	2360	ST1	BL04 B5
	39 W	3050	ST1	BL06 B5
	39 W	3050	ST1.2	BL08 B5
	31 W	2250	ST1C	BL12 B5
	45 W	3370	ST1C	BL14 B5
	45 W	3520	A60	BL10 B5
	45 W	3270	A45C	BL16 B5

* IK08



light source	W	lm	optic	code colour
LED	Neutral white			
	56 W	4300	SC	*BL19 B5
	Warm white			
	56 W	3920	SC	*BL18 B5

* IK08

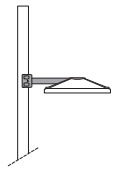
The output lumen and power value of the systemsrefer to the Profiles with the greatest light efficiency (Profile 1 and 4). The values of other profiles can be consulted in the online catalogue: “http://catalog.iguzzini.com”

accessories

	code	colour
USB pen profiler Complete with cable and battery	**BZX1**	04 for LED versions

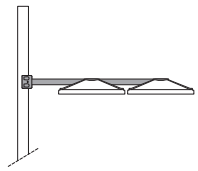
installation with arms

	length	ø pole	code colour
horizontal arm for installing 1 assembly	398	76	**BZP3** 15
	411	102	**BZP5** 15
	for small optical assembly		
	538	76	**BZP4** 15
	552	102	**BZP6** 15
	562	120	**BZP7** 15
	for large optical assembly		



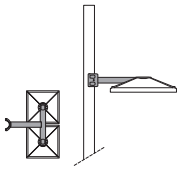
The counter flange must be ordered, to secure the arm to the pole.

horizontal arm for installing 2 assemblies	840	102	**BZU5** 15
	for small optical assembly		
	1196	102	**BZP8** 15
	1206	120	**BZP9** 15
	for large optical assembly		



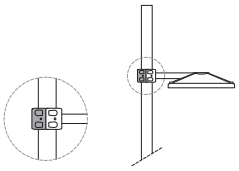
The counter flange must be ordered, to secure the arm to the pole.

transversal arm for installing 2 assemblies	411	102	**BZU6** 15
	for small optical assembly		
	552	102	**BZQ0** 15
	562	120	**BZQ1** 15
	for large optical assembly		



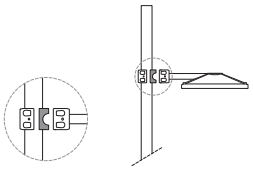
The counter flange must be ordered, to secure the arm to the pole.

	ø pole	code colour
counter flange	76	**BZQ2** 15
	102	**6161** 15
	120	**6162** 15



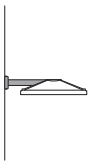
To be ordered to secure the arm to the pole.
Not required when installing two opposite arms.

adaptor for flange	60 (76)	**BZQ3** 15
	89 (102)	**6163** 15
	114 (120)	**6164** 15



For installing arm on poles with a diameter of ø 60 - ø 89 - ø 114 mm.

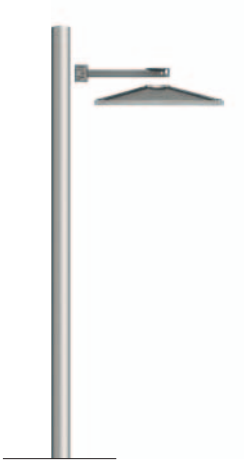
wall attachment	for small optical assembly	**BZW4** 15



U.F.O.

cylindrical poles for 1 optical assembly

	h off-ground	ø pole	ø shank	code colour
buried	4000	76		**1271** 15
	5000	102		**1205** 15
	6000	102	76	**1518** 15
	7000	120	102	**1519** 15
with plate	4000	76		**1272** 15
	5000	102		**1344** 15
	6000	120	102	**1521** 15
	7000	120	102	**1522** 15

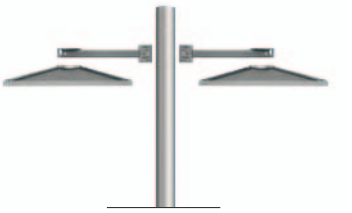


accessory for poles with shank

	ø pole	code colour
end cap	102 (shank ø 76)	**BZM6** 15
	120 (shank ø 102)	**BZM7** 15

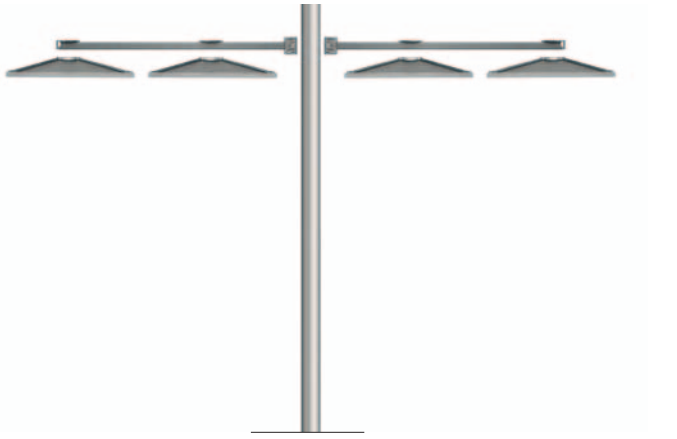
cylindrical poles for compositions of 2 optical assemblies

	h off-ground	ø pole	code colour
buried	6000	102	**1542** 15
	6000	159/102	**1561** 15
	7000	102	**1543** 15
	7000	159/102	**1562** 15
with plate	6000	159/102	**1597** 15
	7000	159/102	**1598** 15



cylindrical poles for compositions of 4 optical assemblies

	h off-ground	ø pole	code colour
buried	8000	127/102	**1544** 15
	8000	159/102	**1565** 15
	9000	194/120	**1545** 15
	10000	194/120	**1546** 15
	12000	194/120	**1552** 15
with plate	8000	159/102	**1599** 15
	9000	194/120	**1547** 15
	10000	194/120	**1548** 15
	12000	194/120	**1554** 15

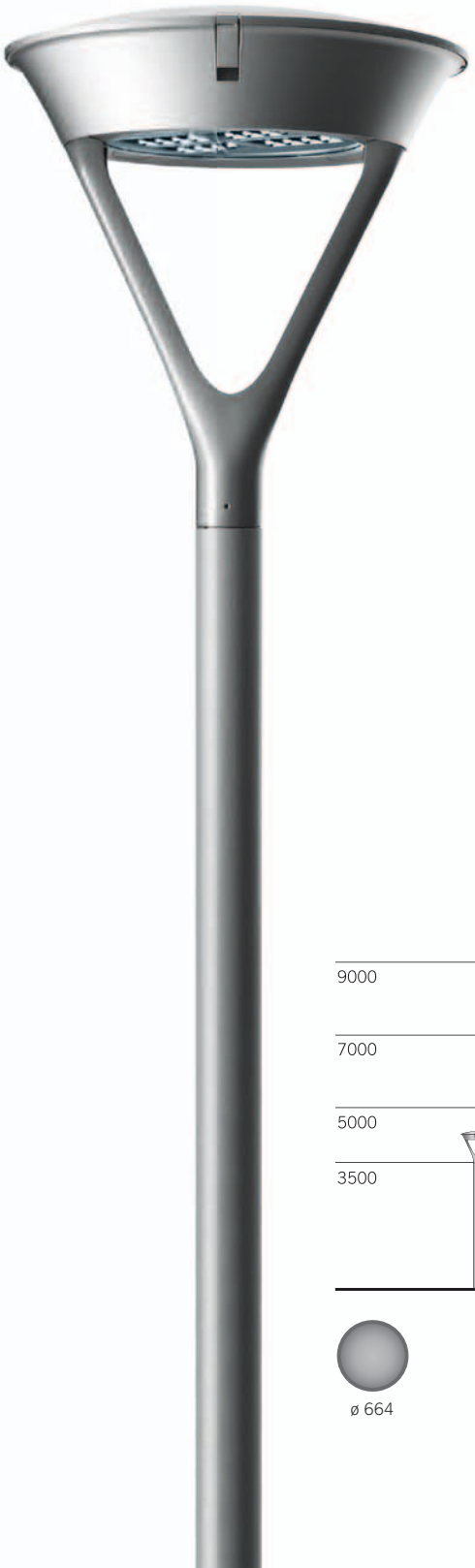


The technical specifications of the poles are presented on page 489

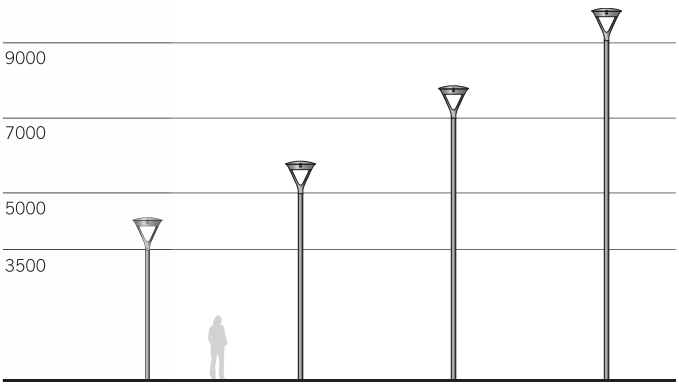
Crown

design Michele De Lucchi

Road / Asymmetric optic



Symmetric / Elliptical optic



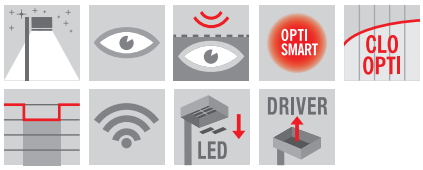
ø 664

Crown

Features

IP66 IK10

- Street lighting systems for use with LEDs, discharge and sodium discharge lamps.
- Die-cast aluminium optical assembly, lid and arms; tempered sodium-calcium sealing glass, thickness 5 mm; internal reflector in 99.93% superpure aluminium can be removed without tools; lamp holder with anti-loosening device of the light source.
- No upward emission of the light flow.
- High visual comfort.
- High performance optics (Opti Smart) and uniform light distribution.
- No photobiological risk. This luminaire is in the "Exempt Group" (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- The luminaire has luminous flux emission fully programmable directly from the product driver.
- The driver allows the use of 3 fixed profiles (1/2/3) and one variable profile (4) for different output lumen levels and different powers.
  Profile 1 fixed to 375mA
  Profile 2 fixed to 450mA
  Profile 3 fixed to 525mA
  Profile 4 variable to 350mA
  Compatibility with Telemanagement systems thanks to "Power Supply", dual-operation Flux regulator and "LED Driver DALI" (0-10V/1-10V) compatible with the systems on the market.
- Pole-top installation on poles with ending part ø 76 mm. An adaptor is available for installation on poles with a diameter from ø 60 to ø 120 mm.
- 5-position lamp adjustment (only for road optic versions with Cosmowhite).
- All external screws are in stainless steel.



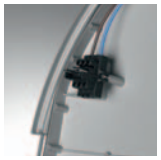
on request versions:

Tool-free optical assembly opening

Automatic door lock

No tools required to remove the optic

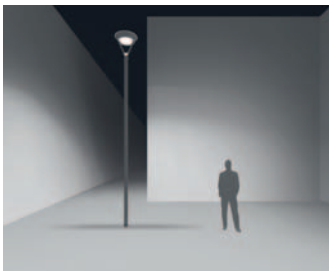
Twilight photocell

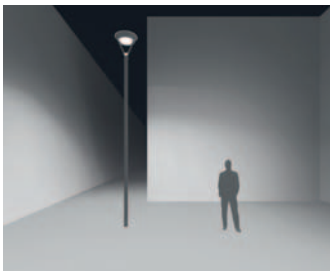

Disconnecting switch

Decompression valve

Light without shades

Versions with symmetrical optic fitted with HIT G12 and Cosmowhite lamps have an optic which includes flow recovery devices: this system intercepts part of the light flow emitted by the lamp and directs it towards the shadow zones on the ground created by the arms.


Lighting without flux recovery system


Lighting with flux recovery system

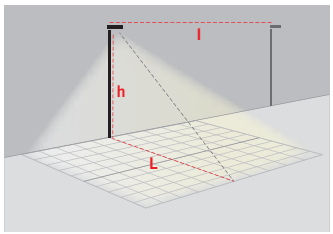
- LED **Single Chip**
- Colour stability **Mac Adam <4**
- Life 90000 h **L90** Profile 1-4
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	HIT/HST		HME	
2800	29W	83W	66%	92W	69%
4940	50W	119W	58%	142W	65%

(4000K) LED energy saving compared with traditional lamps
The system life is calculated at Ambient Temperature (Ta) 25°C

Crown

Optics



d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

ST - Road optics

LED

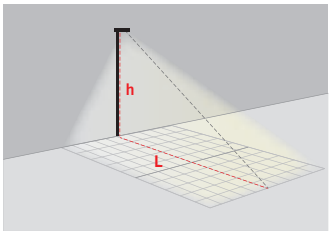
ST1
29 | 50W
l = 4h / d = 1
Glare Index: G4

ST1.2
58W
l = 4h / d = 1,2
Glare Index: G4

ST1C
57W
l = 3,7h / d = 1
Glare Index: G6

HST
HIT-CE
70 | 100W
150 | 250W
l = 3,7h / d = 0,85

HIT-CE
60 | 90W
l = 3,7h / d = 0,85



d = **L/h**
h = Installation height
L = Width of area to be lit

A - Asymmetric optics

LED

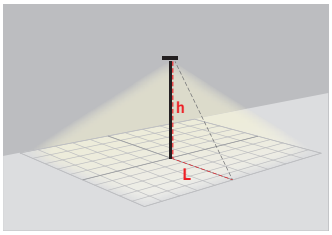
A60
68W
h = 7 / d = 2

A45C
68W
h = 7 / d = 1,6

HST
HIT-CE
250W
h = 8 / d = 2

HIT-DE
HIT-DE-CE
HST-DE
70 | 150W
h = 6 / d = 2

HIT-CE
60 | 90W
h = 6 / d = 2



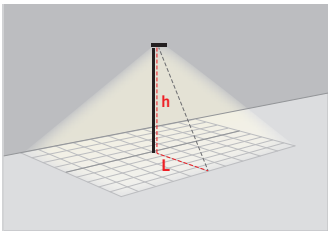
d = **L/h**
h = Installation height
L = Width of area to be lit

Symmetric optic

LED
57W
h = 7 / d = 2

HIT-CE
60 | 90W
h = 6 / d = 1,2

HIT-CE
70 | 100 | 150W
250W
h = 7 / d = 1,1



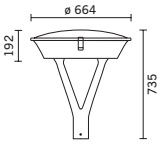
d = **L/h**
h = Installation height
L = Width of area to be lit

E - Elliptical optic

LED
31W
h = 6 / d = 1,5

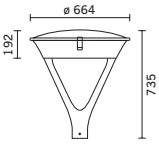
Crown

15
GREY



light source	W	lm	optic	code colour
LED	Asymmetrical optical assembly			
	Neutral white			
	29 W	2800	ST1	**BM27** 15
	50 W	4940	ST1	**BM28** 15
	58 W	5680	ST1.2	**BM29** 15
	57 W	5510	ST1C	**BM30** 15
	68 W	7300	A60	**BM31** 15
	68 W	6860	A45C	**BM32** 15
	Available warm white versions			
HST (E27/E40)	70 W		ST	**BG55** 15
	100 W		ST	**BG56** 15
	150 W		ST	**BG57** 15
HIT-CE (E27/E40)	250 W		ST	**BG58** 15
	250 W		A	**BG68** 15
HIT-CE (PGZ12)	Electronic			
	60 W		ST	**BG59** 15
	90 W		ST	**BG60** 15
	60 W		A	**BG69** 15
	90 W		A	**BG70** 15
HIT-DE-CE (Rx7s)	70 W		A	**BG65** 15
	150 W		A	**BG66** 15
HST-DE (Rx7s)				

The output lumen and power value of the systems refer to the Profiles with the greatest light efficiency (Profile 1 and 4). The values of other profiles can be consulted in the online catalogue: "http://catalog.iguzzini.com"



light source	W	lm	optic	code colour
LED	Symmetrical optical assembly			
	Neutral white			
	31 W	2760	E	**BM34** 15
	57 W	5570	SM	**BM33** 15
	Available warm white versions			
HIT-CE (G12)	70 W		SM	**BG71** 15
	100 W		SM	**BG72** 15
	150 W		SM	**BG73** 15
	250 W		SM	**BG74** 15
HIT-CE (PGZ12)	Electronic			
	60 W		SM	**BG78** 15
	90 W		SM	**BG79** 15

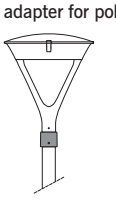
	code colour
Glass for visual comfort ø=377	**6153** 24 no for LED
USB pen profiler Complete with cable and battery	**BZX1** 04 for LED versions

cylindrical poles

	h off-ground	ø pole	ø shank	code colour
buried	3500	102		**1203** 15
	5000	102		**1205** 15
	6000	102	76	**1518** 15
	7000	120	102	**1519** 15
	8000	120	102	**1520** 15
with plate	5000	102		**1344** 15
	6000	120	102	**1521** 15
	7000	120	102	**1522** 15
	8000	120	102	**1523** 15

The technical specifications of the poles are presented on page 489

		code colour
adapter for pole	from ø 102 to ø 76	**6134** 15
	from ø 60 to ø 76	**6152** 15

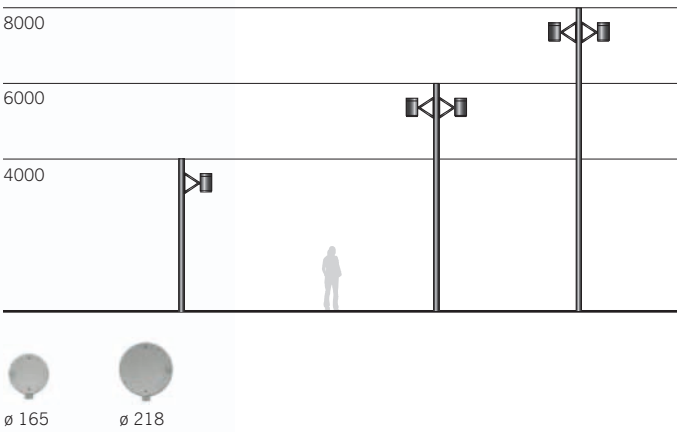


conical poles

	h off-ground	ø pole	code colour
buried	4000	106-60	**1275** 15
	7000	138-60	**1281** 15
	9000	158-60	**1282** 15
with plate	4000	100-60	**1278** 15
	7000	130-60	**1283** 15
	9000	150-60	**1284** 15

iRoll 65 System

design Artec3 Studio, Aldayjover



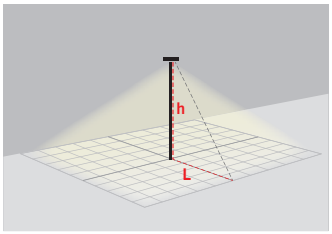
iRoll 65 System

Features

IP65 IK07

- Street lighting system for use with discharge lamps and LEDs.
- Available with Symmetric and Longitudinal Asymmetric optics.
- Cast aluminium optical assembly, frame and arms; transparent tempered sodium-calcium sealing glass, 4 mm thick, siliconed to frame; internal silicone watertight gaskets; steel retention cables between lower frame and optical assembly and between optical assembly and upper base.
- Superpure aluminium reflector.
- No upward emission of the light flow.
- High visual comfort.
- No photobiological risk. This luminaire is in the “Exempt Group” (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- All external screws are in A2 stainless steel.

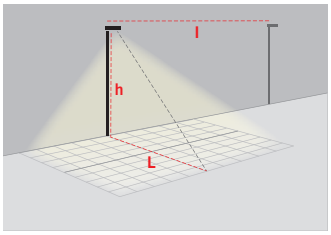
Optics



d = **L/h**
h = Installation height
L = Width of area to be lit

SM - Symmetric optic

LED	28 | 41W I = 3,2h / d = 0,8
HIT-CE	35 | 70W I = 3,5h / d = 0,8



d = **L/h**
h = Installation height
L = Width of area to be lit
I = Spacing between poles

AL - Longitudinal Asymmetric optic

HIT-CE	35 | 70W I = 5,1 / d = 1,2
HIT-TC-CE G12	35W I = 5,1 / d = 1,2

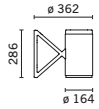
- **LED Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	HIT/HST	ENERGY SAVING	HME	ENERGY SAVING
1400	28W	55W	25%	83W	66%
2520	41W	55W	55%	92W	56%

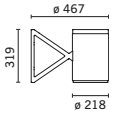
(4000K) LED energy saving compared with traditional lamps

iRoll 65 System

15
GREY



light source	W	lm	optic	code colour
LED	Neutral white			
	28 W	1400	SM	**BI45** 15
	Warm white			
	28 W	1365	SM	**BI46** 15
HIT-CE (G12)	Electronic			
	35 W		SM	**BI43** 15
HIT-TC-CE (G8,5)	Electronic			
	35 W		AL	**BI44** 15



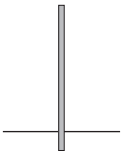
light source	W	lm	optic	code colour
LED	Neutral white			
	41 W	2520	SM	**BI49** 15
	Warm white			
	41 W	2475	SM	**BI50** 15
HIT-CE (G12)	Electronic			
	70 W		SM	**BI47** 15
	70 W		AL	**BI48** 15

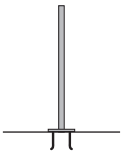
accessories

	code	colour	code	colour
Refractor for elliptical distribution	**BZ01**	24 for BI43-BI45-BI46	**4492**	24 for BI47-BI49-BI50
Diffusing glass	**BZ02**	65 for BI43-BI45-BI46	**4493**	65 for BI47-BI49-BI50
Spill ring for Symmetric optic	**BZ05**	04 for BI43	**6880**	04 for BI47
Spill ring for Longitudinal Asymmetric optic	**BZ07**	04 for BI44	**6874**	04 for BI48
Connector IP68	**BZH0**	00	**BZH0**	00
Installation kit for cylindrical non-perforated poles with ø 60 mm to ø 120 mm	**BZQ4**	00	**BZQ4**	00

cylindrical poles

	h off-ground	ø pole	ø shank	code colour
buried	4000	76		**2510** 15
	5000	102		**2512** 15
	6000	102	76	**2514** 15
	6000	120	102	**2516** 15
	6000	159/102	76	**2517** 15
	7000	120	102	**2518** 15
	7000	120	102	**2520** 15
	7000	159/102	76	**2521** 15
with plate	4000	76		**2511** 15
	5000	102		**2513** 15
	6000	120	102	**2515** 15
	7000	120	102	**2519** 15





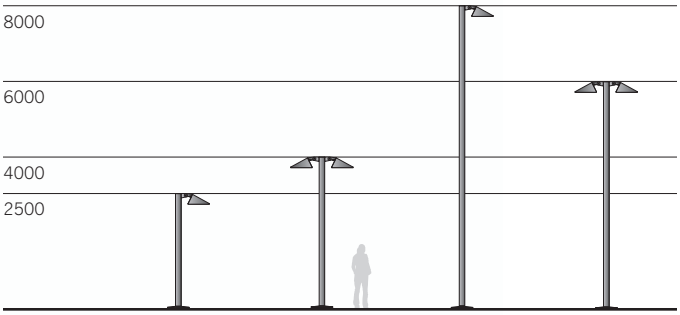
The poles are drilled for the installation of the optical assemblies.
The technical specifications of the poles are presented on page 489.

accessory for poles with shank

	ø pole	code colour
end cap	102 (shank ø 76)	**BZM6** 15
	120 (shank ø 102)	**BZM7** 15

iTeka

design Mario Cucinella



195x270

Le Albere - Trento, Italy

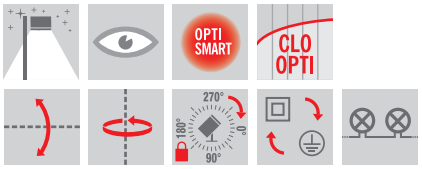
Architectural and lighting project: RPBW
Photo: Enrico Cano

iTeka

Features

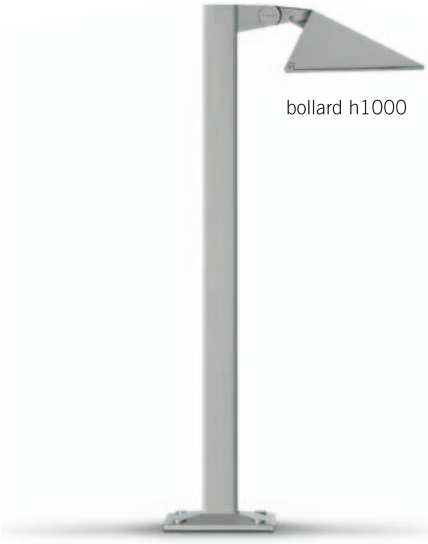
IP66 IK09

- Direct light luminaire for use with discharge, halogen lamps and LEDs.
- Pole and wall-mounted installation. Also available in versions complete with pole (h=2500 and 3500 mm).
- Die-cast aluminium optical assembly and frame; 4 mm thick transparent tempered sodium-calcium closing glass; super-pure aluminium reflector.
- Versions complete with pole consist of a support made of extruded aluminium (h=2500 mm) or 0 micron hot-galvanized steel h=3500 mm); die-cast aluminium alloy fastening plate and cover.
- Wall-mounted versions composed of die-cast aluminium alloy base.
- No upward emission of the light flow.
- High visual comfort.
- Graduated scale and locking device for positioning.
- The driver allows the use of 3 fixed profiles (1/2/3) for different output lumen levels and different powers.
  Profile 1 fixed to 380mA
  Profile 2 fixed to 460 mA
  Profile 3 fixed to 525mA
- Versions with DALI and bi-energy (100% - 50%) control gear.
- All external screws are A2 stainless steel.
- Wiring box (accessory) with double PG for pass-through cables..
- Product with class of Insulation II set up for class I.

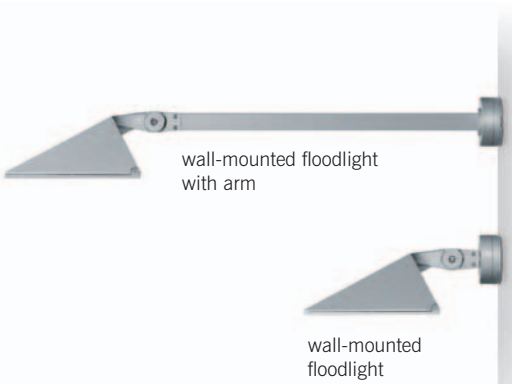


Garden versions

iTeka is also available in bollard version (h1000), floodlight and floodlight with arm presented on page 622



bollard h1000



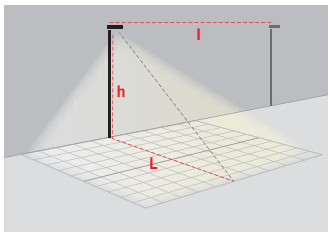
wall-mounted floodlight with arm

wall-mounted floodlight

floodlight

iTeka

Optics



d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

ST - Road optics

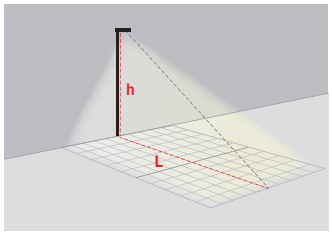
LED

OPTI SMART

ST1
18W
l = 4h / d = 1
Glare Index: G4

ST1C
18W
l = 3,7h / d = 1
Glare Index: G6

ST0.8C
18W
l = 5h / d = 0,5/0,8
Glare Index: G6



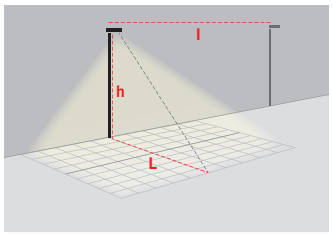
d = **L/h**
h = Installation height
L = Width of area to be lit

A - Asymmetric optic

LED

OPTI SMART

A45C
18W
h = 7 / d = 1,6

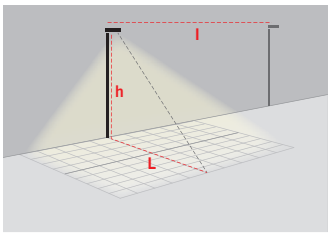


d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

ALo - LED Longitudinal Asymmetric optic

LED

24W
l = 4.6h / d = 0,4



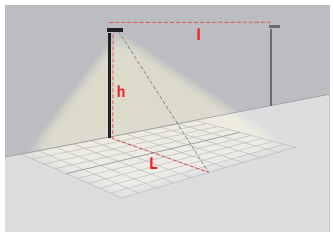
d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

AT - Transversal Asymmetric optic

HIT-CE 35W
l = 3,5h / d = 1,7

QT-DE12 ES 150W
l = 4h / d = 1,6

TC-TEL 13W
l = 1h / d = 1,6



d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

AL - Longitudinal Asymmetric optic

HIT-CE 20W
l = 6h / d = 1

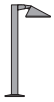
HIT-TC-CE 35W
l = 6h / d = 1

- LED **Single Chip**
- Colour stability
  Mac Adam <4
- Life
  100000 h **L80**
  Profile 1
- Color temperature:
  Neutral white **4000K**
  Warm white **3000K**

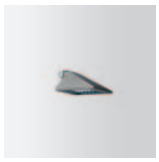
lumen lm	LED	HIT		HME	
1640	18W	35W	49%	92W	80%

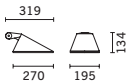
(4000K) LED energy saving compared with traditional lamps
The system life is calculated at Ambient Temperature (Ta) 25°C

iTeka

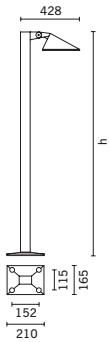


15
GREY



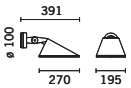


light source	W	lm	h	optic	code	colour
LED	**Floodlight for poles**					
	Neutral white bi-energy					
	18 W	1640		ST1	**BU46**	15
	18 W	1510		A45C	**BU48**	15
	Neutral white DALI					
	18 W	1640		ST1	**BU47**	15
	18 W	1510		ST1	**BU49**	15
	18 W	1530		ST0.8C	**BV06**	15
	Available warm white versions					

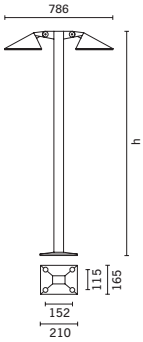


light source	W	lm	h	optic	code	colour
LED	**Floodlight complete with pole**					
	Neutral white					
	18 W	1550	2500	ST1C	**BU43**	15
	18 W	1550	3500	ST1C	**BU44**	15
	18 W	1510	3500	A45C	**BU45**	15
	Available warm white versions					
	Cool white					
	27 W	2310	2500	ALo	**BC47**	15
	Available warm white version code BC48					
HIT-TC-CE (G8,5)	Electronic					
	35 W		2500	AL	**B817**	15
	35 W		3500	AL	**BC37**	15
HIT-CE (G12)	Electronic					
	35 W		2500	AT	**B814**	15
	35 W		3500	AT	**BC35**	15

The output lumen and power value of the systems refer to the Profiles with the greatest light efficiency (Profile 1 and 4). The values of other profiles can be consulted in the online catalogue: "http://catalog.iguzzini.com"



light source	W	lm	h	optic	code	colour
LED	**Wall-mounted**					
	Neutral white					
	18 W	1550		ST1C	**BU40**	15
	18 W	1510		A45C	**BU41**	15
	Available warm white versions					



LED	**Floodlights complete with pole**					
	Cool white					
	2x27 W	2310	2500	ALo	**BC49**	15
	Available warm white version code BC50					
HIT-TC-CE (G8,5)	Electronic					
	2x35 W		2500	AL	**B822**	15
	2x35 W		3500	AL	**BC41**	15
HIT-CE (G12)	Electronic					
	2x35 W		2500	AT	**B819**	15
	2x35 W		3500	AT	**BC39**	15

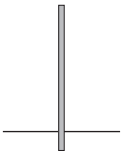
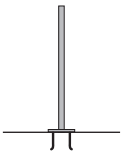
accessories and installation systems

	code	colour
Diffusing glass to be fitted with accessory-holder frame	**B997**	65
no for LED versions multilayer optics		
Coloured filters to be fitted with accessory-holder frame	**B997**	05-06 09
The filter in colour 09 (sky blue) cannot be installed on the versions: 35 W HIT-CE (G12)		
no for LED versions		
Accessory-frame	**B996**	15
Protection grille	**B993**	15
Can also be fitted with accessory-holder frame		
no for LED versions multilayer optics		
Louvre for AL optic	**B994**	04
Can also be fitted with accessory-holder frame		
Louvre for AT optic	**B995**	04
Can also be fitted with accessory-holder frame		

	code	colour
Fixing plate with anchors for application on concrete plinth	**B518**	00
Spike for ground application	**B989**	00
for BU40-BU41		
Kit for fixing on concrete, solid brick and natural stone	**5596**	00
for poles h=2500		
Kit for fixing on concrete, solid brick and natural stone	**5595**	00
for BU40-BU41		
Support for attaching to pole ø 40÷60 mm	**1190**	15
For installation of one or two floodlights.		
for BU40-BU41		
IP66 box for pass-through cables	**B510**	00

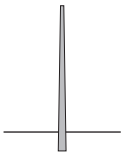
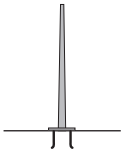
iTeka

cylindrical poles

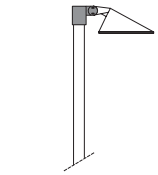
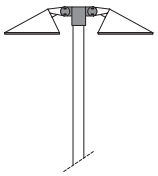
	h off-ground	ø pole	ø shank	code colour
buried 	4000	76		**1271** 15
	5000	102		**1205** 15
	6000	102	76	**1518** 15
with plate 	4000	76		**1272** 15
	5000	102		**1344** 15
	6000	120	102	**1521** 15

The technical specifications of the poles are presented on page 489

conical poles

	h off-ground	ø pole	code colour
buried 	4000	106-60	**1275** 15
with plate 	4000	100-60	**1278** 15

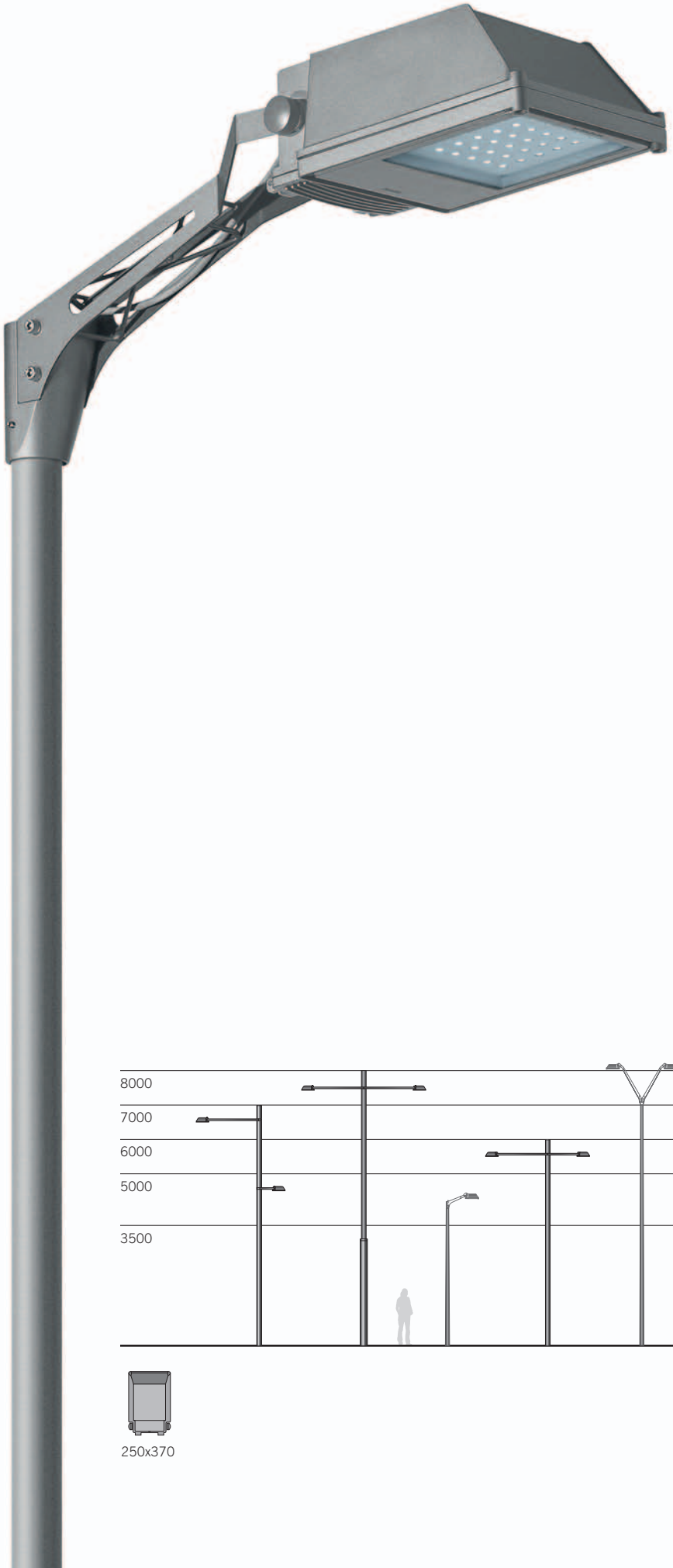
pole-top installation

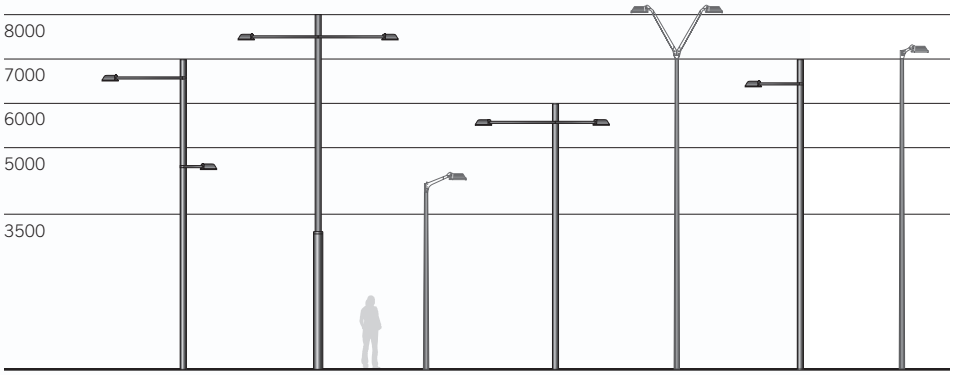
	ø pole attachment	code colour
single 	60	**X002** 15
	76	**X003** 15
double 	60	**X004** 15
	76	**X005** 15

MERCAT

Platea System

design P. Castiglioni - M. Cucinella





250x370

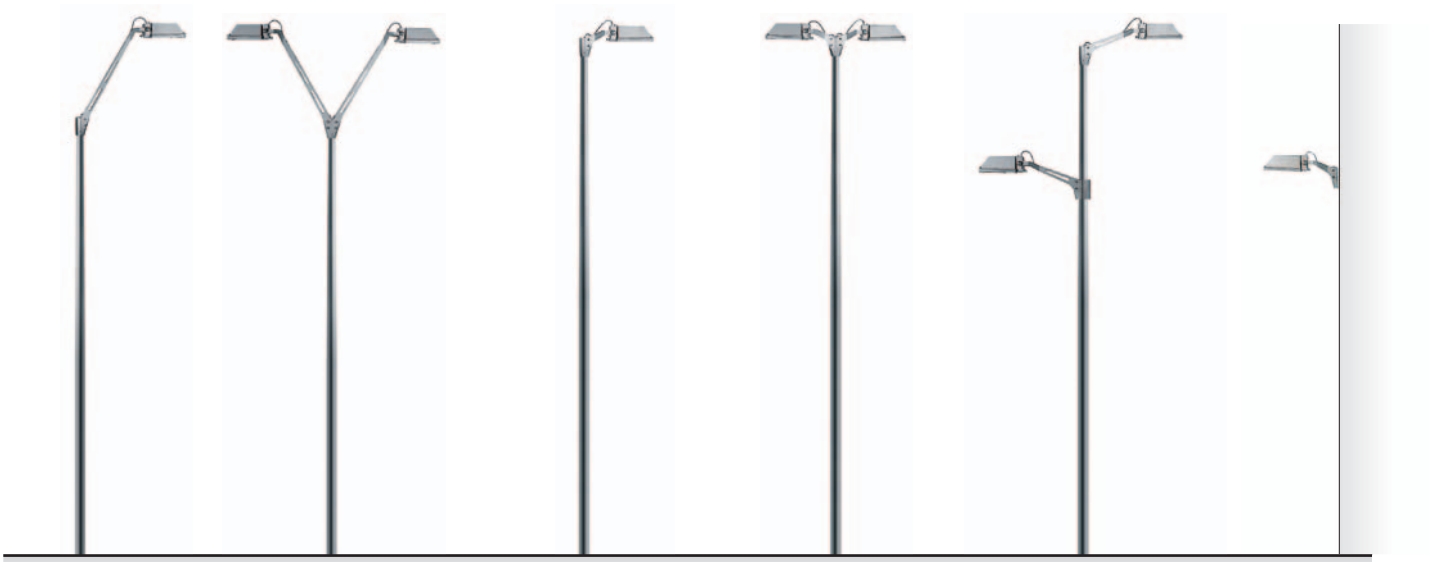
Market Square in Rubí
Rubí, Barcelona, Spain

Architectural project: Josep Miàs,
MiAS Arquitectes - Photo: Adrià Goula

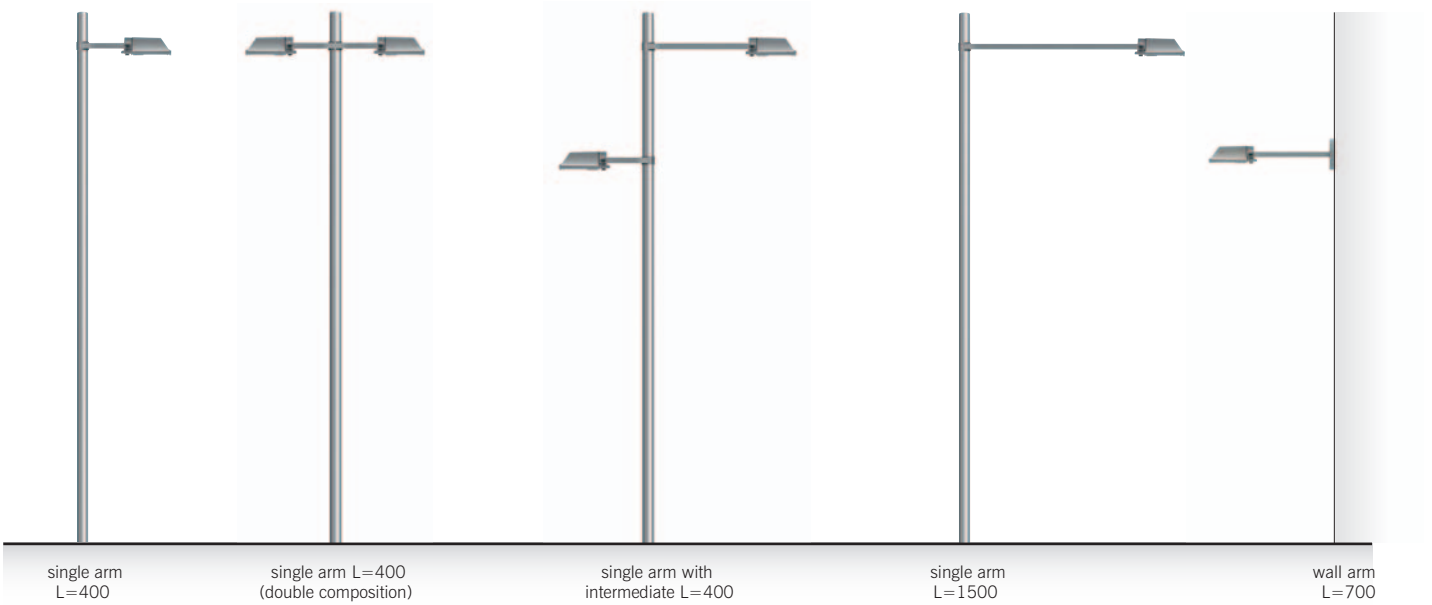
Platea System

Compositions

Arms for conical poles



Arms for cylindrical poles

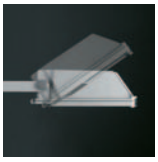


Platea System

Features

IP66 IK08

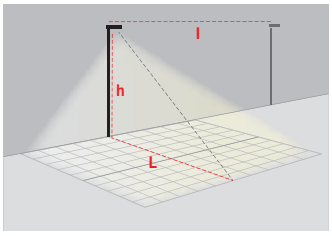
- Street lighting system for use with LEDs, metal halide, sodium discharge, halogen and fluorescent lamps.
- Pole (conical or cylindrical ø 102 mm) or wall-mounted installation.
- Fitting has an optical assembly, arm (single or double) and pole.
- Optical assembly and frame in aluminium alloy; sodium-calcium tempered sealing glass; 0-50 Shore A silicone gasket; superpure aluminium reflector.
- Arm for conical pole in steel (long arm) or pure aluminium short arm), secured to poles with die-cast aluminium attachment.
- Arm for cylindrical pole ø 102 mm in galvanized steel; arm installation (designed by Rafael de Cáceres and Antoni Rosellò) with flange, does not require any drilling of the pole.
- Adjustable optical assembly.
- Luminaire ready for pass-through wiring.
- No upward emission of the light flow.
- High visual comfort.
- All screws are A2 stainless steel.


Adjustable product

Installation of the arms with no holes

Double cable clamp

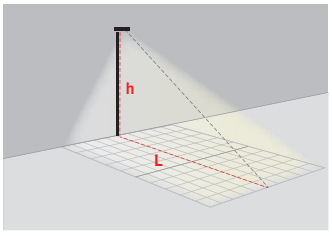
Optics



d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

ST - Road optic

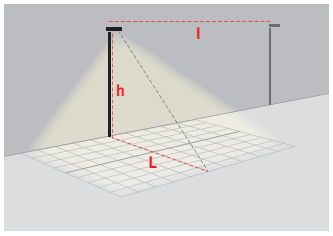
HIT-DE **HST-DE**	70 | 150W 250W l = 3,9h / d = 1
HIT-CE CDM-T G12	250W l = 3,9h / d = 1



d = **L/h**
h = Installation height
L = Width of area to be lit

A - Asymmetric optic

HIT-DE **HST-DE**	70 | 150 | 250W h = 8 / d = 1,5
HIT-DE	250W h = 10 / d = 1,5
QT-DE	300W h = 10 / d = 1,5



d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

ALo - LED Longitudinal Asymmetric optic

LED	48,5W l = 4,6h / d = 0,6

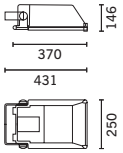
- LED **Single Chip**
- Colour stability **Mac Adam <4**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	HIT/HST		HME	
2886	48,5W	83W	42%	92W	48%

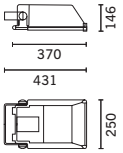
(4000K) LED energy saving compared with traditional lamps

Platea System

15
GREY



W	lm	light source	optic	code colour
48,5 W	2134	LED Warm white	ALo	**BC46** 15
48,5 W	2886	LED Cool white	ALo	**BC45** 15
70 W		HIT-CE (G12)	ST	**7444** 15
150 W		HIT-CE (G12)	ST	**7445** 15
250 W		HIT-CE (G12)	ST	**7499** 15
70 W		HIT-DE-CE (Rx7s) HST-DE (Rx7s)	ST	**7698** 15
150 W		HIT-DE-CE (Rx7s) HST-DE (Rx7s)	ST	**7699** 15



W	light source	optic	code colour
70 W	HIT-DE-CE (Rx7s) HST-DE (Rx7s)	A	**7377** 15
150 W	HIT-DE-CE (Rx7s) HST-DE (Rx7s)	A	**7378** 15
250 W	HIT-DE (Fc2)	A	**7395** 15
300 W	QT-DE12 ES (R7s)	A	**7393** 15

The entire range of Platea floodlights is presented in the Floodlights section on page 566

installation with arms on conical poles

	length	h	code colour
single pole-top	682	980	**1145** 15
	538	305	**1144** 15
	270	230	**1262** 15
intermediate	632	305	**1148** 15
	337	230	**1264** 15

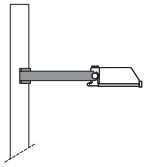
	length	h	code colour
double pole-top	1285	980	**1147** 15
	1057	305	**1146** 15
	460	230	**1263** 15

The intermediate arms can be installed on poles code 1281-1283 (at a height of 4 m off the ground)

Platea System

installation with arms on cylindrical poles

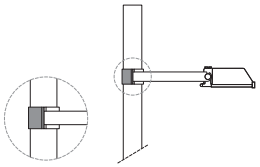
	length	code colour
single	400	**BZ92** 15
	900	**BZ93** 15
	1500	**BZ94** 15



The counter flange must be ordered, to secure the arm to the pole.

design Rafael De Cáceres and Antoni Rosellò

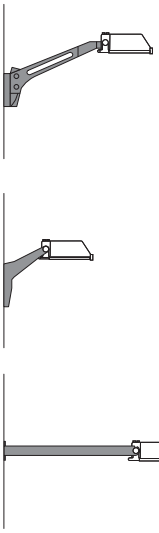
counter flange		**BZ95** 15



To be ordered to secure the arm on the pole.
Not required when installing two opposite arms.

wall-mounted installation with arms

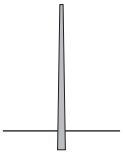
length	h	code colour
538	305	**1149** 15
239	230	**1265** 15
700		***BZ96** 15

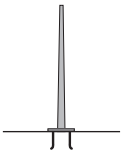


* design Rafael De Cáceres and Antoni Rosellò

conical poles

	h off-ground	ø pole	code colour
buried	4000	106-60	**1275** 15
	7000	138-60	**1281** 15
	9000	158-60	**1282** 15
with plate	4000	100-60	**1278** 15
	7000	130-60	**1283** 15
	9000	150-60	**1284** 15



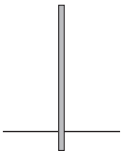


The technical specifications of the poles are presented on page 489

pole-top single arm
L=682

cylindrical poles

	h off-ground	ø pole	code colour
buried	3500	102	**1203** 15
	5000	102	**1205** 15
	6000	102	**1542** 15
	7000	102	**1543** 15
	8000	127/102	**1544** 15
with plate	5000	102	**1344** 15
	6000	159/102	**1597** 15
	7000	159/102	**1598** 15
	8000	159/102	**1599** 15



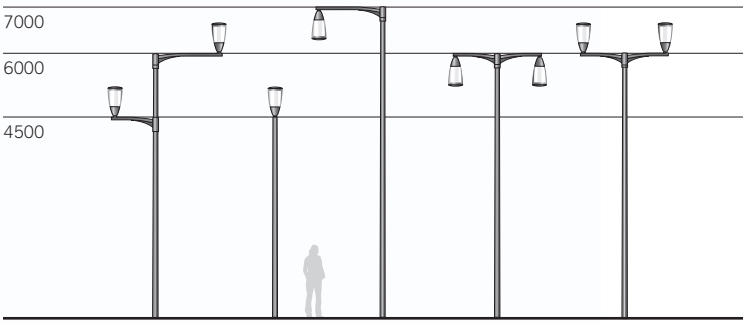
The arms can be installed in pair or invidually with flange.

Flaminia System

design Jan Wicklgren

Flaminia A

Flaminia B



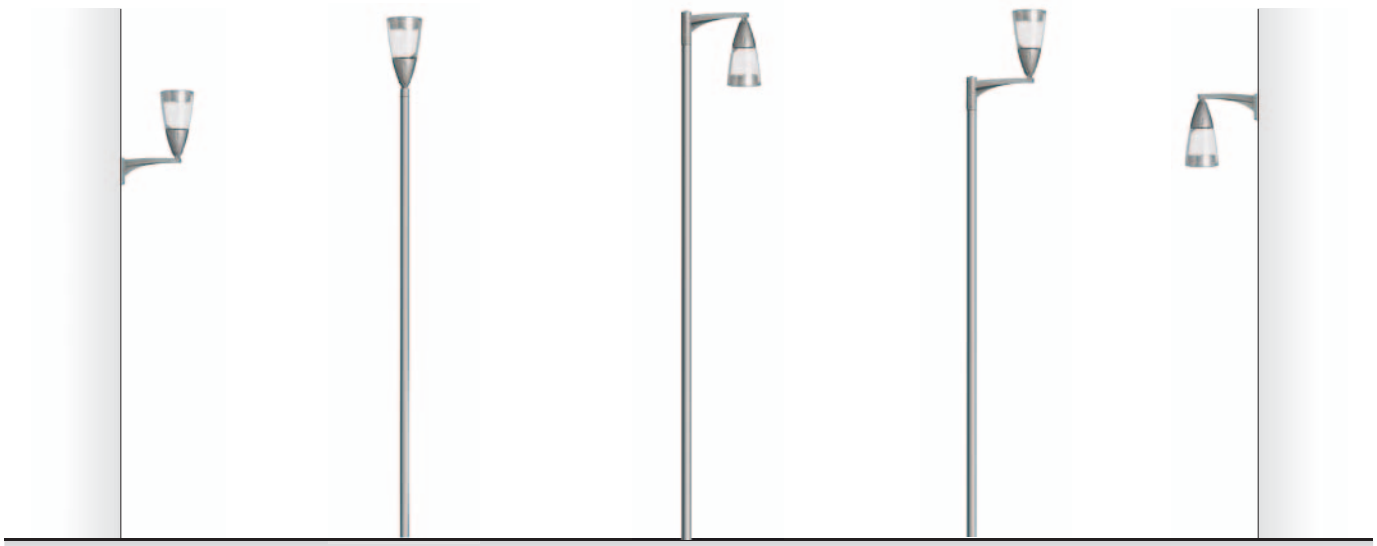
ø 340

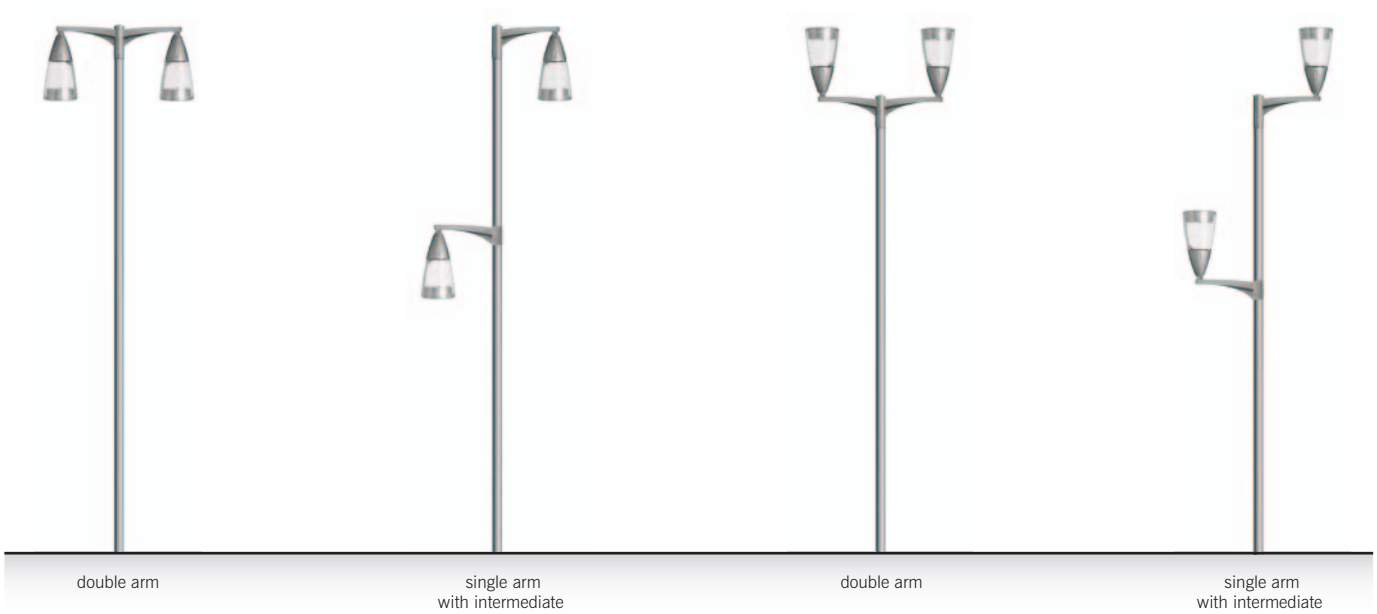
Farnborough Business Park
Farnborough, United Kingdom

Architectural project: Bruce Gilbreth Architects
Lighting project: Light Bureau
Photo: James Newton Photograph

Flaminia System

Compositions





Flaminia System

Features

IP66 IK08

- Street lighting system for use with metal halide and sodium discharge lamps.
- Pole or wall-mounted installation.
- Fitting has an optical assembly, arm (single or double) and pole.
- Die-cast aluminium optical assembly; silicone gasket subject to postcuring; reflector in polished 99.9% superpure aluminium; tempered sodium-calcium sealing glass thickness 4 mm; injection molded polycarbonate diffuser (D=340 mm H=663 mm) with bump-guard edges and stabilized for UV rays.
- Optical assembly can be installed as a pole top on a 60 mm diameter pole. Adapters are available for poles of other diameters and can be ordered separately.
- Die-cast aluminium arm single or double) with a texturized powder coating surface finish and available in various lengths.
- No upward emission of the light flow.
- All screws are A2 stainless steel.

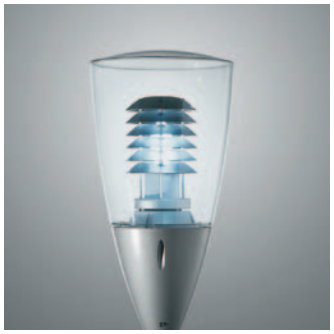
Optical systems

Flaminia A
These luminaires with Road optics, Symmetrical and Asymmetrical, are designed to marry aesthetic and performance requirements.
The optical assemblies can be directed either upwards or downwards.

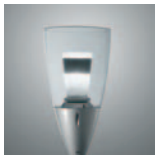
Optical assembly pointing upwards

Optical assembly pointing downwards

Flaminia B
The lighting bodies of these luminaires can be fitted with a range of optic and decorative accessories that improve the quality of the lighting performance and increase visual comfort.



Louvre designed to limit upward light flow < 3%

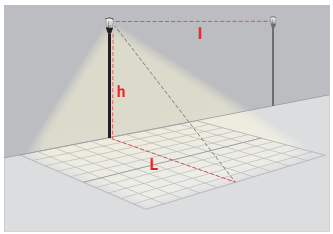


Glass cone

Opaline diffuser

Flaminia System

Flaminia A optics



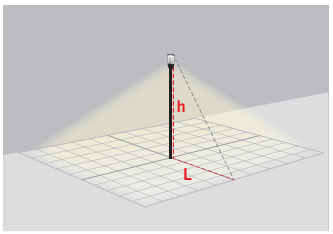
d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

ST - Road optic

HIT-DE
HST-DE

70 | 150W
Up light
I = 3,7h / d = 0,9

70 | 150W
Down light
I = 3,9h / d = 1



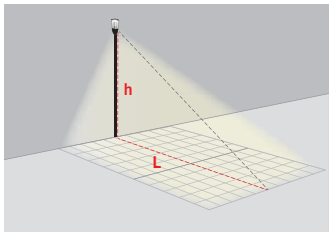
d = **L/h**
h = Installation height
L = Width of area to be lit

SM - Symmetric optic

HIT-DE
HST-DE

70 | 150W
Up light
I = 3,5h / d = 2

70 | 150W
Down light
I = 3,7h / d = 2,5



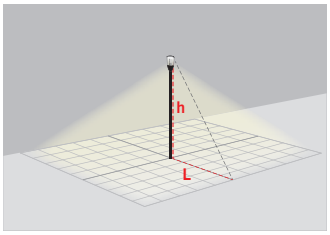
A - Asymmetric optic

HIT-DE
HST-DE

70 | 150W
Up light
h = 8 / d = 2

70 | 150W
Down light
h = 8 / d = 2,3

Flaminia B optics



d = **L/h**
h = Installation height
L = Width of area to be lit

SM - Symmetric optic

HIT

70 | 100W | 150W
Up light
h = 8 / d = 1

70 | 100W | 150W
Down light
h = 8 / d = 1

HST

70 | 100 | 150W
Up light
h = 8 / d = 1

70 | 100 | 150W
Down light
h = 8 / d = 1

HIT-CE

70 | 100 | 150W
Up light
h = 8 / d = 1

70 | 100 | 150W
Down light
h = 8 / d = 1

HSE

70 | 100 | 150W
Up light
h = 8 / d = 1

70 | 100 | 150W
Down light
h = 8 / d = 1

HIE-CE

70 | 100 | 150W
Up light
h = 8 / d = 1

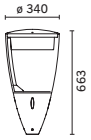
Down light
h = 8 / d = 1

Photometric data refers to optical assembly in association with louvre to be ordered separately.

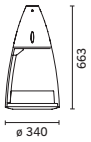
Flaminia System

B6
GREY/TRANSPARENT

Flaminia A

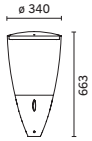


light source	W	optic	code colour
	Optical assembly pointing upwards		
HIT-DE-CE (Rx7s)	70 W	ST	**B045** B6
	150 W	ST	**B048** B6
HST-DE (Rx7s)	70 W	SM	**B046** B6
	150 W	SM	**B049** B6
	70 W	A	**B047** B6
	150 W	A	**B050** B6



	Optical assembly pointing downwards		
HIT-DE-CE (Rx7s)	70 W	ST	**B051** B6
	150 W	ST	**B054** B6
HST-DE (Rx7s)	70 W	SM	**B052** B6
	150 W	SM	**B055** B6
	70 W	A	**B053** B6
	150 W	A	**B056** B6

Flaminia B



light source	W	code colour
HST (E27/E40)	70 W	**B065** B6
	100 W	**B067** B6
HIT-CE (E40)	150 W	**B072** B6
HSE (E27)		
HIE-CE (E27)		

accessories Flaminia A

	code colour
Anti-glare cylinder Increases the level of visual comfort perceived in the observation of the diffuser.	**B956** 15 for B065

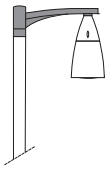
accessories Flaminia B

	for optical assembly pointing upwards	for optical assembly pointing downwards
	code colour	code colour
Symmetrical baffle Use only opaque diffusing lamps with the baffle	**B924** 40 for B065 **B939** 40 for B067-B072	**B925** 40 for B065 **B940** 40 for B067-B072
Asymmetrical screen To be used with baffle	**B931** 40 for B065 **B932** 40 for B067-B072	**B933** 40 for B065 **B934** 40 for B067
Glass cone	**B929** A1 for B065-B067	**---** ---
Protection screen Cannot be combined with other accessories	**B935** 12	**---** ---
Intermediate cap	**---** ---	**B928** 15

Flaminia System

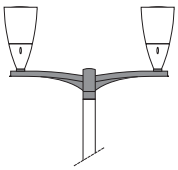
installation with arms

	length	code colour
single pole-top	600	**B114** 15
	600	**B116** 15
	900	**B117** 15



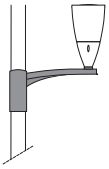
Arm application to the pole-top attachment is possible on poles with terminals ø 102 mm.

double pole-top	600+600	**B120** 15
	600+600	**B122** 15
	900+900	**B123** 15



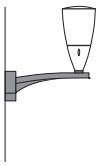
Arm application to the pole-top attachment is possible on poles with terminals ø 102 mm.

intermediate	600	**B125** 15
	900	**B126** 15



Intermediate arm application is possible on poles with terminals ø 102 mm.

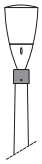
wal-mounted	600	**B127** 15



Flaminia System A and B arms allow the optical assembly to be directed either upwards or downwards.

pole-top installation

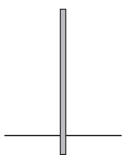
		code colour
adapter for pole	from ø 102 to ø 60	**B130** 15
	from ø 76 to ø 60	**B129** 15



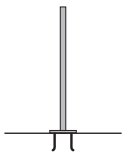
The pole-top application is possible on poles with terminals ø 60 mm.

cylindrical poles for pole-top installation

	h off-ground	ø pole	ø shank	code colour
buried	4000	76		**1271** 15
	5000	102		**1205** 15
	6000	102	76	**1518** 15
	7000	120	102	**1519** 15



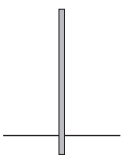
with plate	4000	76		**1272** 15
	5000	102		**1344** 15
	6000	120	102	**1521** 15
	7000	120	102	**1522** 15



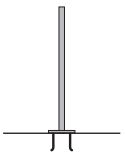
The technical specifications of the poles are presented on page 489

cylindrical poles for installation with arms

	h off-ground	ø pole	code colour
buried	6000	102	**1542** 15
	7000	102	**1543** 15
	8000	127/102	**1544** 15



with plate	6000	159/102	**1597** 15
	7000	159/102	**1598** 15
	8000	159/102	**1599** 15

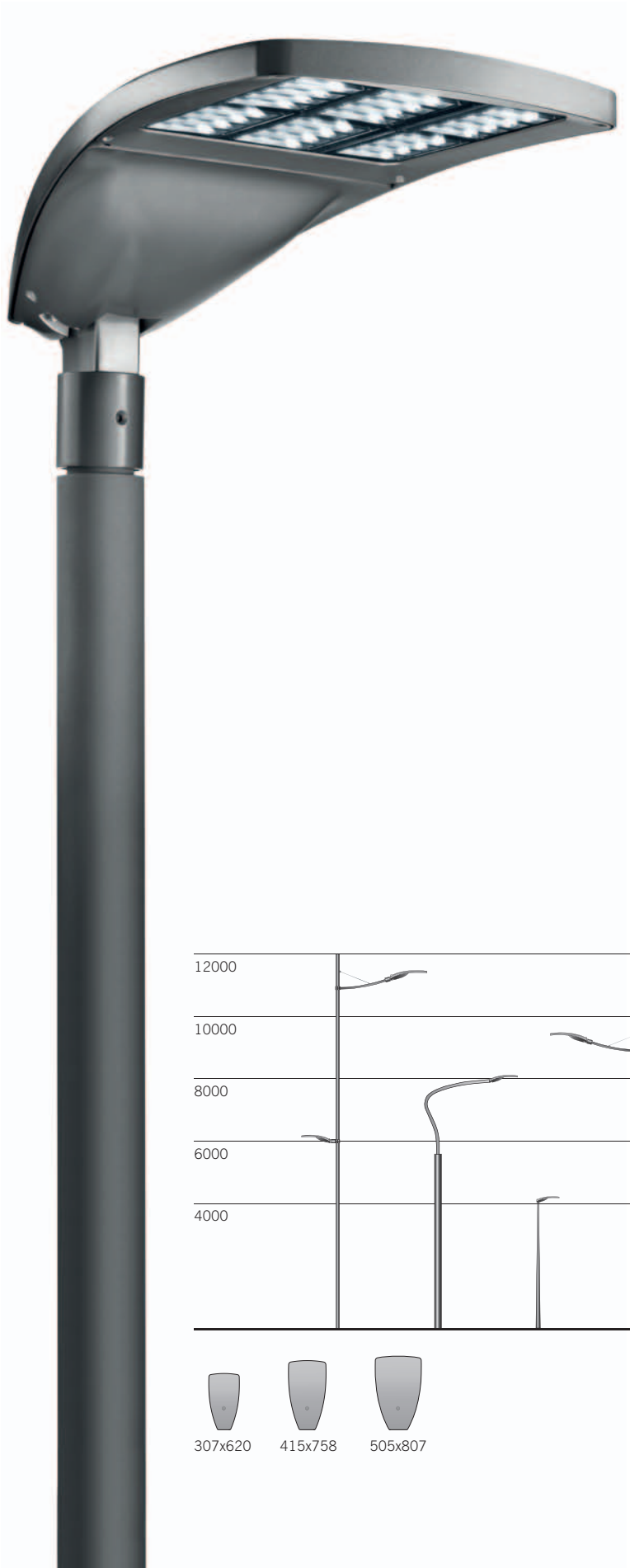


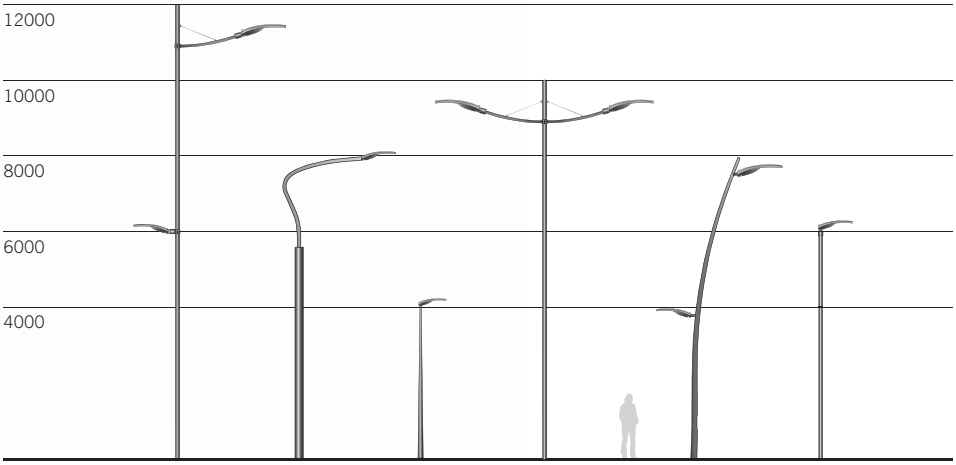
Florence Hummerston Reserve - Perth, Australia

Designer: City Design - Lighting project: Wood & Grieve Engineers Pty Ltd - Photo: Ron Tan

Wow

design Piano design





Northern Sea Front
Civitanova Marche, Italy

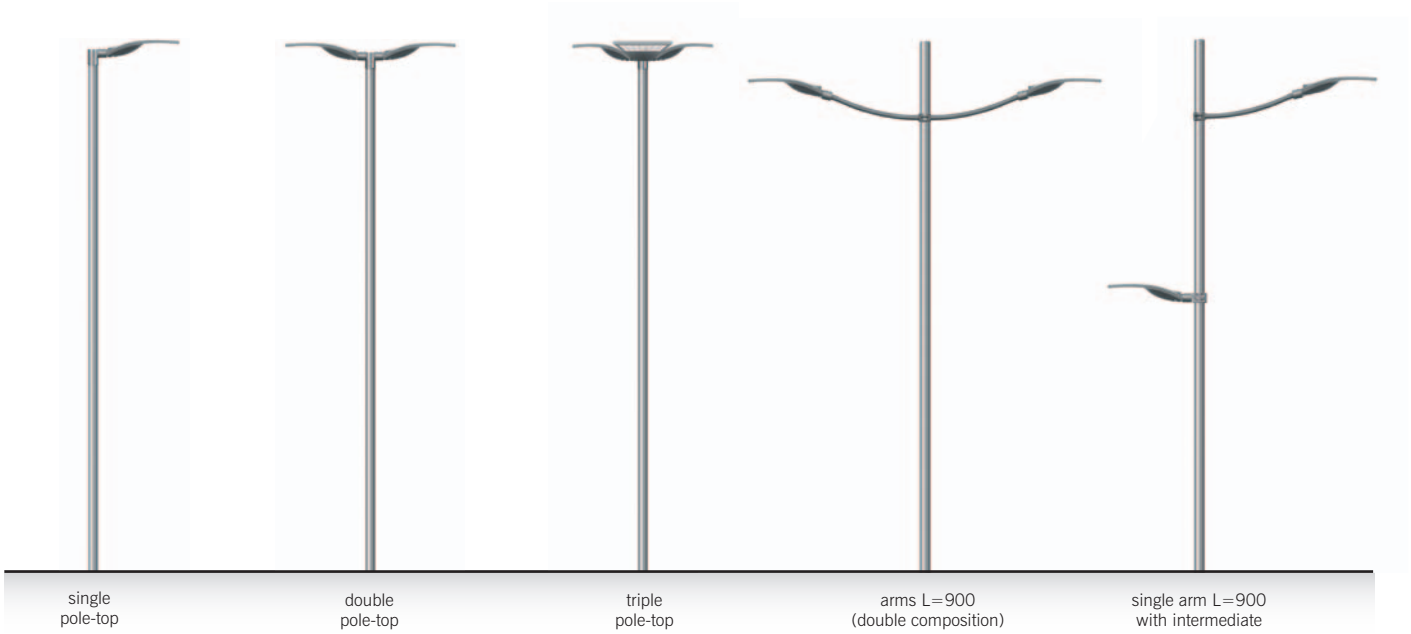
Project managers:
Michele Cruciani, Paolo Cruciani
Photo: Giuseppe Saluzzi

Wow

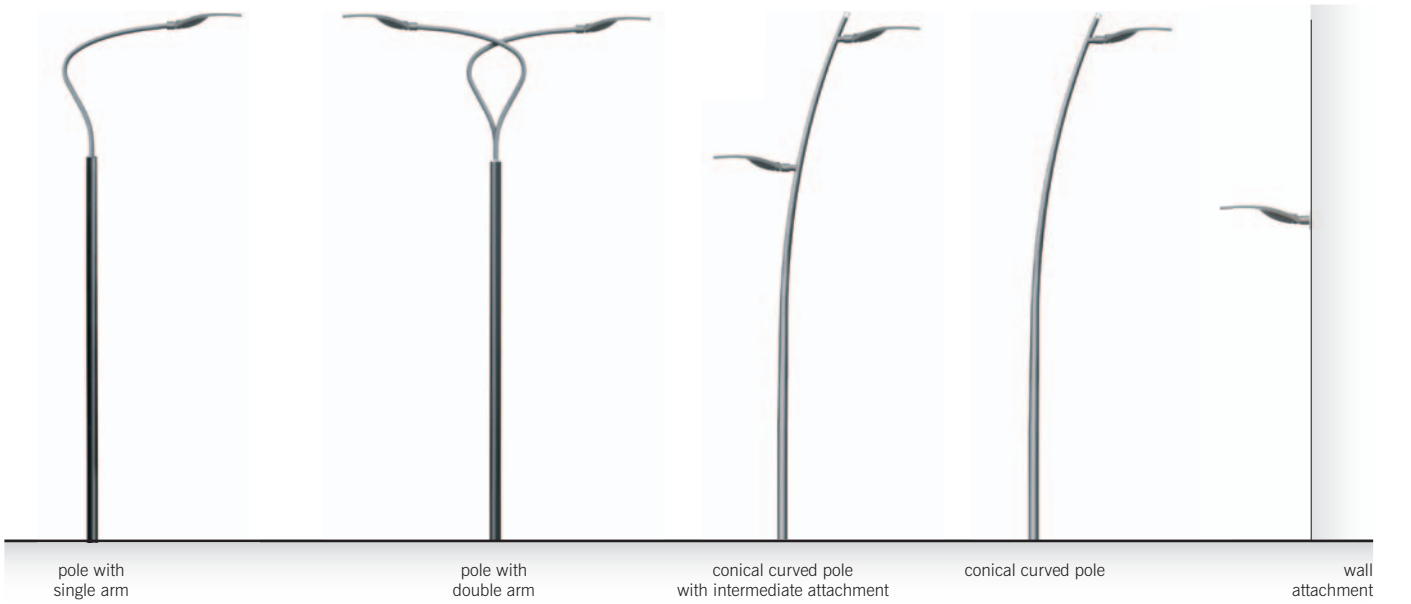
Compositions

Pole-top

Arms



Shaped poles

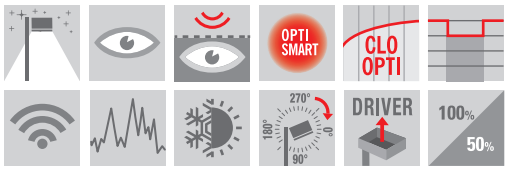


Wow

Features

IP67 IK08

- Street lighting system for use with LEDs.
- Installation on pole-tops, with lateral arms or on tapered poles with attachment diameter ø 46/60/76 mm.
- Pole-top installation on poles with ending part from ø 46 to ø 76 mm.
- Reflectors in silver aluminium.
- Die-cast aluminium optical assembly; hot dip galvanized steel tubular arms; sodium-calcium sealing glass, 5 mm thick, siliconed to frame that closes the LED compartment with a hinge and 2 screws.
- No upward emission of the light flow.
- Adjustable optical assembly.
- High visual comfort.
- High performance optics (Opti Smart) and uniform light distribution.
- No photobiological risk. This luminaire is in the "Exempt Group" (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- The luminaire has luminous flux emission fully programmable directly from the product driver.
- The driver allows the use of 3 fixed profiles (1/2/3) and one variable profile (4) for different output lumen levels and different powers.
  Profile 1 fixed to 350mA
  Profile 2 fixed to 450mA
  Profile 3 fixed to 525mA
  Profile 4 variable to 350mA
- Compatibility with Telemanagement systems thanks to "Power Supply", dual-operation Flux regulator and "LED Driver DALI" (0-10V/1-10V) compatible with the systems on the market.
- Common mode surge protection up to 10KV.
- An active control system modifies the current intensity to preserve the luminous efficacy and the lifetime of the LEDs under any ambient temperature conditions.
- Replaceable LED unit.
- Replaceable driver unit and control gear.
- All external screws are in stainless steel.



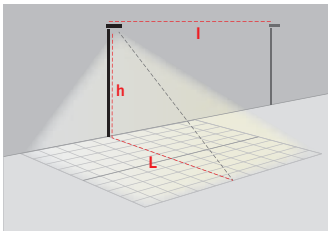
on request versions:

Replaceable LED optical assembly

Replaceable optic

Tool-free replacement of power supply

Optics



d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

ST - Road optics

LED

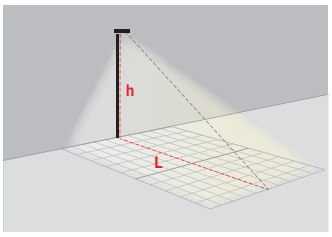
OPTI SMART

ST1
18 | 30 | 54 | 69W
81| 99 | 119W
l = 4h / d = 1
Glare Index: G4

ST1.2
38 | 61 | 81W
96W
l = 4h / d = 1,2
Glare Index: G4

ST1C
37 | 60 | 81W
98W
l = 3,7h / d = 1
Glare Index: G6

STO.8C
18 | 31W
l = 5h
d = 0,5 / 0,8
Glare Index: G6



d = **L/h**
h = Installation height
L = Width of area to be lit

A - Asymmetric optics

LED

OPTI SMART

A60
30 | 60 | 88W
103W
h = 7 / d = 2

A45C
30 | 60 | 88W
103W
h = 7 / d = 1,6

Powers refer to the neutral white colour temperature.

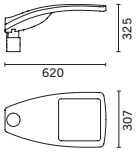
Wow

15
GREY

- **LED Single Chip**
- Colour stability **Mac Adam <4**
- Life 100000 h **L90** Profile 1
- Life 95000 h **L90** Profile 1
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	HIT/HST		HME	
3180	30W	83W	64%	92W	68%
5700	54W	117W	54%	150W	64%
7410	69W	170W	60%	275W	75%
17340	168W	275W	40%	-	-

(4000K) LED energy saving compared with traditional lamps
The system life is calculated at Ambient Temperature (Ta) 25°C

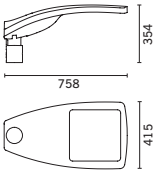


light source	W	lm	optic	code colour
LED	Neutral white			
	30W	3180	ST1	**BU60** 15
	54W	5700	ST1	**BU63** 15
	39W	4120	ST1.2	**BU64** 15
	38W	3780	ST1C	**BU59** 15
	30W	3190	A60	**BU65** 15
	30W	2690	A45C	**BU66** 15
	Neutral white bi-energy			
	18W	1700	ST1	**BU58** 15
	33W	3410	ST1	**BU62** 15
	Neutral white DALI			
	18W	1700	ST1	**BU57** 15
	33W	3410	ST1	**BU61** 15
	18W	1590	ST0.8C	**BU56** 15
	Warm white			
	30W	2320	ST1	**BU71** 15
	54W	4160	ST1	**BU74** 15
	38W	3000	ST1.2	**BU75** 15
	37W	2760	ST1C	**BU70** 15
	30W	2320	A60	**BU76** 15
	30W	2160	A45C	**BU77** 15
	Warm white bi-energy			
	18W	1250	ST1	**BU69** 15
	33W	2500	ST1	**BU73** 15
	Warm white DALI			
	18W	1250	ST1	**BU68** 15
	33W	2500	ST1	**BU72** 15
	18W	1160	ST0.8C	**BU67** 15

The output lumen and power value of the systems refer to the Profiles with the greatest light efficiency (Profile 1 and 4). The values of other profiles can be consulted in the online catalogue: “http://catalog.iguzzini.com”

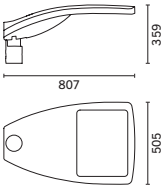
Wow

15
GREY



light source	W	lm	optic	code colour
LED	Neutral white			
	30 W	3180	ST1	**BH33** 15
	54 W	5700	ST1	**BH36** 15
	69 W	7410	ST1	**BH38** 15
	81 W	8860	ST1	**BH40** 15
	39 W	4120	ST1.2	**BH34** 15
	61 W	6590	ST1.2	**BH37** 15
	81 W	8860	ST1.2	**BH41** 15
	31 W	3030	ST0.8C	**BH61** 15
	38 W	3780	ST1C	**BH62** 15
	60 W	6050	ST1C	**BH63** 15
	81 W	8320	ST1C	**BH64** 15
	60 W	6370	A60	**BH35** 15
	88 W	9550	A60	**BH39** 15
	60 W	5730	A45C	**BI41** 15
	88 W	8600	A45C	**BI42** 15
	Warm white			
	30 W	2360	ST1	**BN51** 15
	54 W	4210	ST1	**BN52** 15
	69 W	5470	ST1	**BN53** 15
	81 W	6510	ST1	**BN54** 15
	39 W	3050	ST1.2	**BN55** 15
	62 W	4860	ST1.2	**BN56** 15
	81 W	6510	ST1.2	**BN57** 15
	31 W	2250	ST0.8C	**BN60** 15
	38 W	2810	ST1C	**BN61** 15
	60 W	4480	ST1C	**BN62** 15
	81 W	6140	ST1C	**BN63** 15
	60 W	4690	A60	**BN58** 15
	88 W	6970	A60	**BN59** 15
	60 W	4360	A45C	**BN64** 15
	88 W	6480	A45C	**BN65** 15

IK07



light source	W	lm	optic	code colour
LED	Neutral white			
	99 W	10700	ST1	**BH42** 15
	119 W	13030	ST1	**BH59** 15
	96 W	10470	ST1.2	**BH43** 15
	117 W	12880	ST1.2	**BH60** 15
	98 W	9940	ST1C	**BH65** 15
	103 W	11150	A60	**BH58** 15
	103 W	10030	A45C	**BK35** 15
	Warm white			
	99 W	7890	ST1	**BN66** 15
	119 W	9580	ST1	**BN67** 15
	96 W	7710	ST1.2	**BN68** 15
	117 W	9470	ST1.2	**BN69** 15
	98 W	7350	ST1C	**BN71** 15
	103 W	8210	A60	**BN70** 15
	103 W	7640	A45C	**BN72** 15

The output lumen and power value of the systemsrefer to the Profiles with the greatest light efficiency (Profile 1 and 4). The values of other profiles can be consulted in the online catalogue: “http://catalog.iguzzini.com”

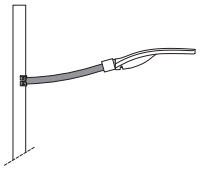
accessories

	code	colour
USB pen profiler Complete with cable and battery	**BZX1**	04

Wow

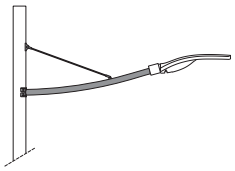
installation with arms on cylindrical poles

	length	ø pole	code colour
single	900	102	**6154** 15
	900	120	**6157** 15



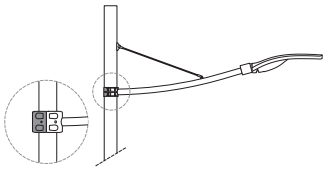
The counter flange must be ordered, to secure the arm to the pole.

single with tie rod	1500	102	**6155** 15
	1500	120	**6158** 15



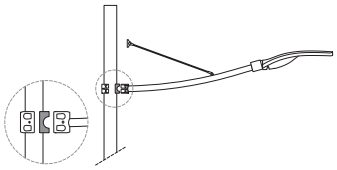
The counter flange must be ordered, to secure the arm to the pole.

counter flange		102	**6161** 15
		120	**6162** 15



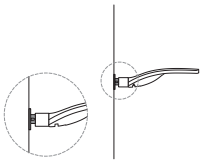
To be ordered to secure the single arm to the pole. Not required when installing two opposite arms.

adapter for flange		89 (102)	**6163** 15
		114 (120)	**6164** 15



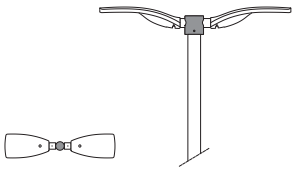
For installing arm on poles with a diameter of ø 89 - ø 114 mm.

wall attachment	**6160** 15

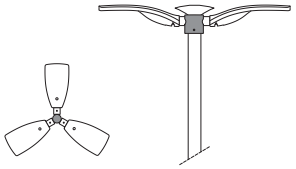


pole-top installation

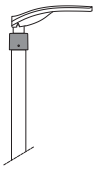
	ø pole attachment	code colour
double	102	**6165** 15



	ø pole attachment	code colour
triple	102	**6166** 15

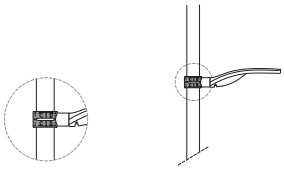


	ø pole attachment	code colour
adapter for pole	from 102 to 76	**6134** 15

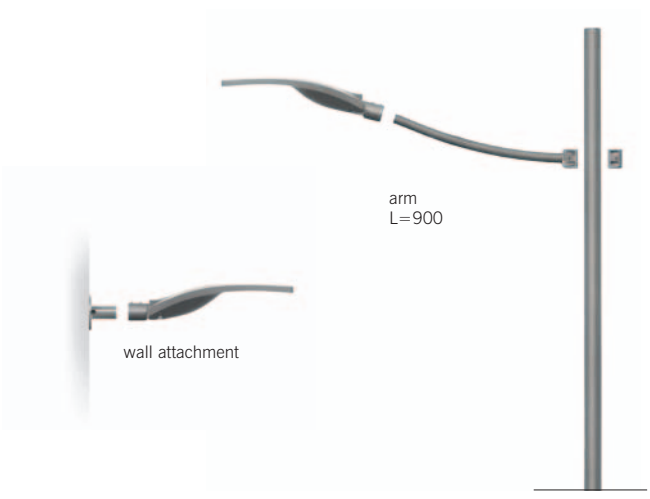


intermediate installation

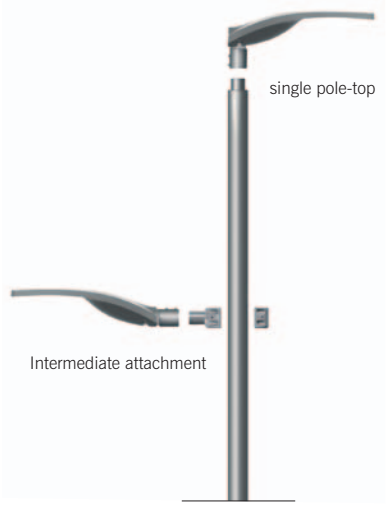
	length	ø pole	code colour
intermediate attachment	300	102	**6156** 15
	300	120	**6159** 15



All arms in all sizes can be installed by a special flange in single or double composition.

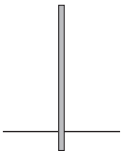
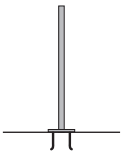


The Wow optical assembly can be installed on pole-top position in poles with ø 46 to ø 76 mm. Adapter for installation available for poles with ø 102 mm.

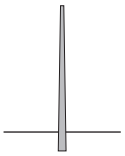
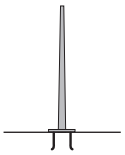


Wow

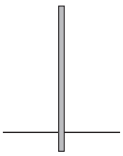
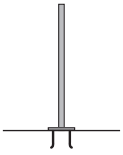
cylindrical poles for pole-top installation of 3 optical assemblies or for arms

	h off-ground	ø pole	code colour
buried	6000	102	**1542** 15
	6000	159/102	**1561** 15
	7000	102	**1543** 15
	7000	159/102	**1562** 15
	8000	127/102	**1544** 15
	8000	159/102	**1565** 15
	9000	194/120	**1545** 15
	10000	194/120	**1546** 15
	12000	194/120	**1552** 15
with plate	6000	159/102	**1597** 15
	7000	159/102	**1598** 15
	8000	159/102	**1599** 15
	9000	194/120	**1547** 15
	10000	194/120	**1548** 15
	12000	194/120	**1554** 15

conical poles for pole-top installation of 1/2 optical assemblies

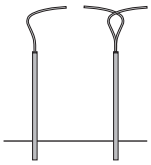
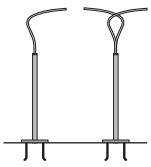
	h off-ground	ø pole	code colour
buried	4000	106-60	**1275** 15
	7000	138-60	**1281** 15
	9000	158-60	**1282** 15
with plate	4000	100-60	**1278** 15
	7000	130-60	**1283** 15
	9000	150-60	**1284** 15

cylindrical poles for pole-top installation of 1/2 optical assemblies

	h off-ground	ø pole	ø shank	code colour
buried	5000	102		**1205** 15
	6000	102	76	**1518** 15
	7000	120	102	**1519** 15
	8000	120	102	**1520** 15
with plate	5000	102		**1344** 15
	6000	120	102	**1521** 15
	7000	120	102	**1522** 15
	8000	120	102	**1523** 15

The technical specifications of the poles are presented on page 489

shaped poles

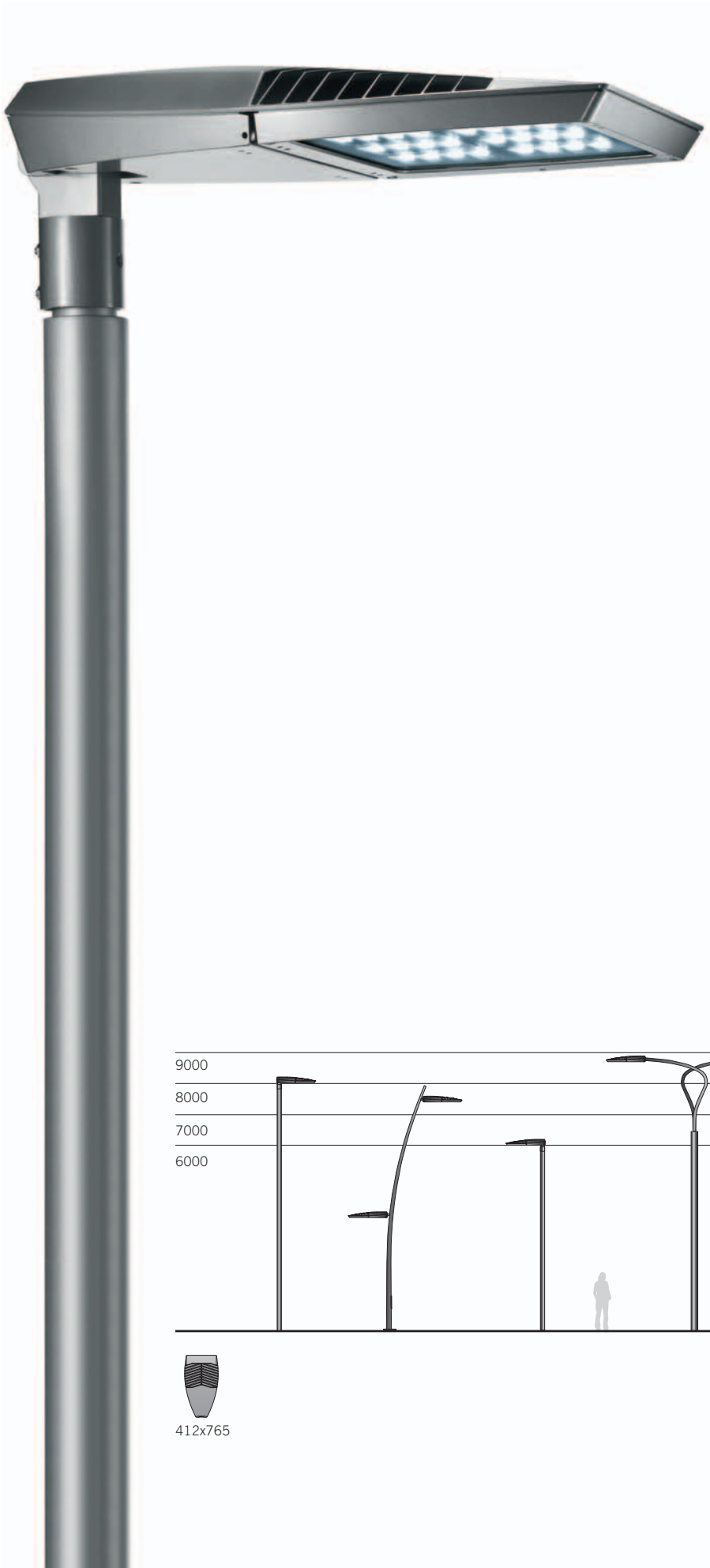
	h off-ground	ø pole	ø lateral attachment	code colour
buried	with single arm			
	6700	160	76	**1511** 74
	8700	160	76	**1515** 74
	with double arm			
	6700	160	76	**1585** 74
	8700	160	76	**1588** 74
with plate	with single arm			
	6700	160	76	**1566** 74
	8700	160	76	**1570** 74
	with double arm			
	6700	160	76	**1909** 74
	8700	160	76	**1910** 74
	curved conical			
	6000	147 max	60	**1506** 15
	6000	147 max	60	***1508** 15
	8000	172 max	60	**1507** 15
	8000	172 max	60	***1509** 15

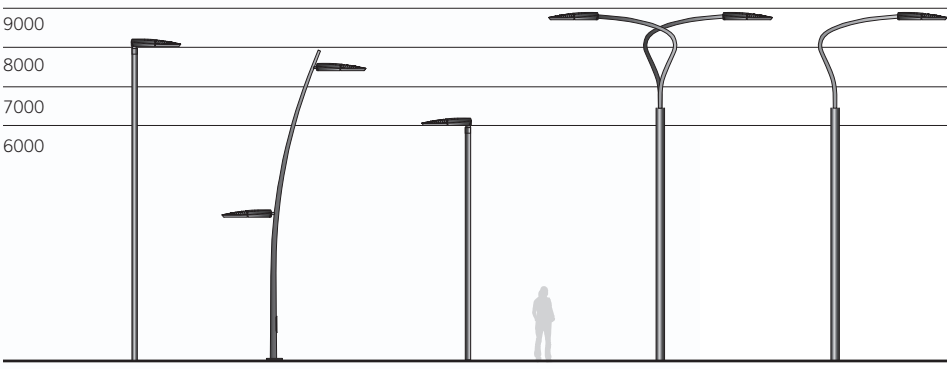
* Versions with intermediate attachment

accessory for curved conical poles

		code colour
decorative point with LED	LED Blue	**BZC5** 01
	LED Neutral white	**BZC6** 01

Archilede HP
High Performance
Enel Sole | by iGuzzini





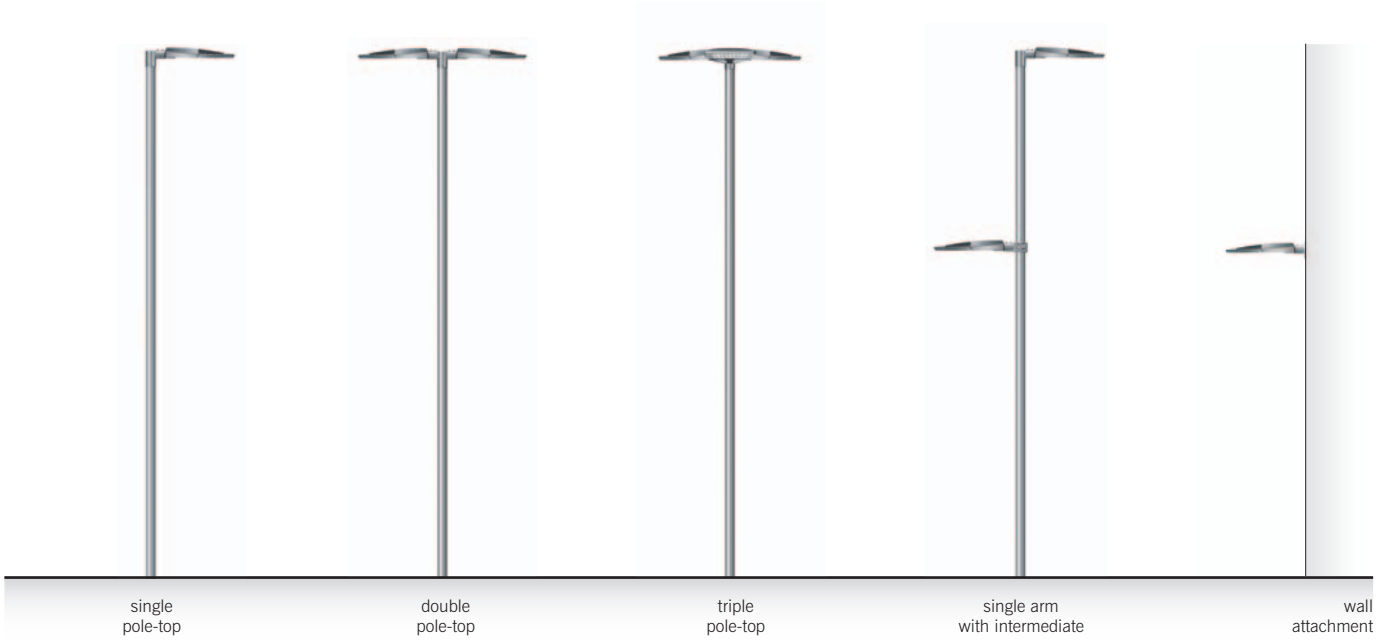
412x765

Bridge over the Rhine
Laufenburg, Switzerland
Photo: Günter Laznia

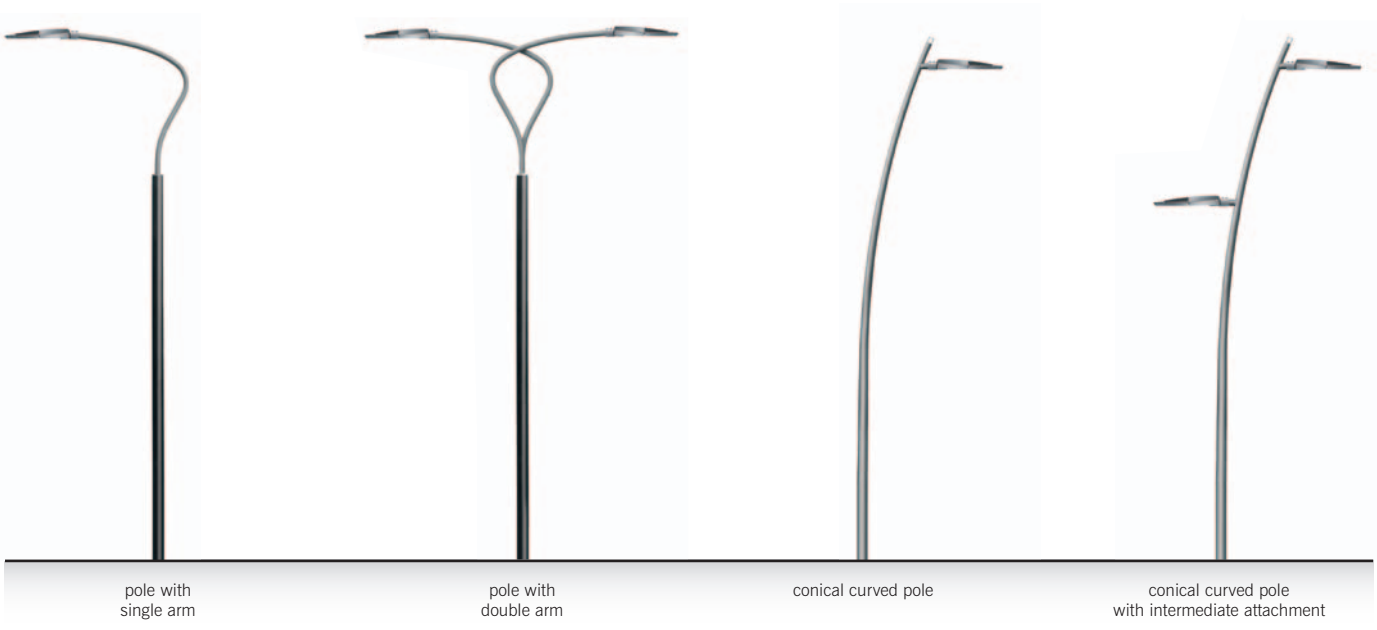
Archilede HP
High Performance
Enel Sole | by iGuzzini

Compositions

Pole-top and wall-mounted installation



Shaped poles

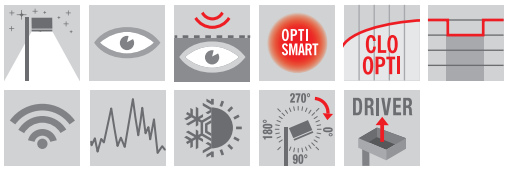


Archilede HP
High Performance
Enel Sole | by iGuzzini

Features

IP67 IK08

- Street lighting system for use with LEDs.
- Installation on pole-tops, with lateral arms or on tapered poles with attachment diameter ø 46/60/76 mm.
- Pole-top installation on poles with ending part from ø 46 to ø 76 mm.
- Reflectors in silver aluminium.
- Die-cast aluminium optical assembly; hot dip galvanized steel tubular arms; sodium-calcium sealing glass, 5 mm thick, siliconed to frame that closes the LED compartment with a hinge and 2 screws.
- No upward emission of the light flow.
- Adjustable optical assembly.
- High visual comfort.
- High performance optics (Opti Smart) and uniform light distribution.
- No photobiological risk. This luminaire is in the "Exempt Group" (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- The luminaire has luminous flux emission fully programmable directly from the product driver.
- The driver allows the use of 3 fixed profiles (1/2/3) and one variable profile (4) for different output lumen levels and different powers.
  Profile 1 fixed to 350mA
  Profile 2 fixed to 450mA
  Profile 3 fixed to 525mA
  Profile 4 variable to 350mA
- Compatibility with Telemanagement systems thanks to "Power Supply", dual-operation Flux regulator and "LED Driver DALI" (0-10V/1-10V) compatible with the systems on the market.
- Common mode surge protection up to 10KV.
- An active control system modifies the current intensity to preserve the luminous efficacy and the lifetime of the LEDs under any ambient temperature conditions.
- Replaceable LED unit.
- Replaceable driver unit and control gear.
- All external screws are in stainless steel.



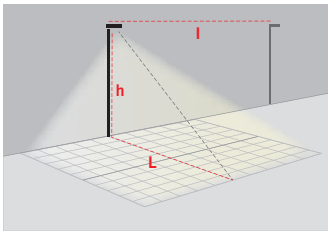
on request versions:

Replaceable LED optical assembly

Replaceable optic

Tool-free replacement of power supply

Optics



d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

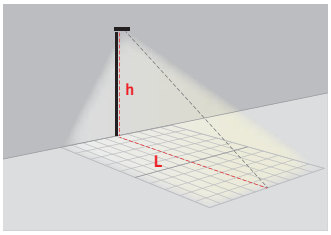
ST - Road optics

LED
OPTI SMART

ST1
30 | 54 | 81W
l = 4h / d = 1
Glare Index: G4

ST1.2
39 | 62W | 81W
l = 4h / d = 1,2
Glare Index: G4

ST1C
39 | 60W
l = 3,7h / d = 1
Glare Index: G6



d = **L/h**
h = Installation height
L = Width of area to be lit

A - Asymmetric optics

LED
OPTI SMART

A60
60 | 88W
h = 7 / d = 2

A45C
60 | 88W
h = 7 / d = 1,6

- LED **Single Chip**
- Colour stability **Mac Adam <4**
- Life 100000 h **L90** Profile 1
- Life 95000 h **L90** Profile 1
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	HIT/HST		HME	
3180	30W	83W	64%	92W	66%
5700	54W	117W	53%	150W	64%
8800	81W	170W	53%	275W	71%

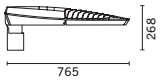
(4000K) LED energy saving compared with traditional lamps
The system life is calculated at Ambient Temperature (Ta) 25°C

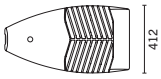
Archilede HP

High Performance

Enel Sole | by iGuzzini

15
GREY





light source	W	lm	optic	code	colour
LED	Neutral white				
	30 W	3180	ST1	**BL66**	15
	54 W	5700	ST1	**BL67**	15
	81 W	8860	ST1	**BL68**	15
	39 W	4120	ST1.2	**BL69**	15
	62 W	6590	ST1.2	**BL70**	15
	81 W	8860	ST1.2	**BN73**	15
	39 W	3780	ST1C	***BL73**	15
	60 W	6050	ST1C	***BL74**	15
	60 W	6370	A60	**BL71**	15
	88 W	9550	A60	**BL72**	15
	60 W	5730	A45C	***BL75**	15
	88 W	8600	A45C	***BL76**	15

* IK07

Available cool white versions.
The output lumen and power value of the systems refer to the Profiles with the greatest light efficiency (Profile 1 and 4). The values of other profiles can be consulted in the online catalogue: “http://catalog.iguzzini.com”

accessories

	code	colour
USB pen profiler Complete with cable and battery	**BZX1**	04 for LED versions

pole-top installation

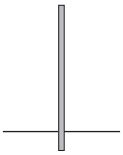
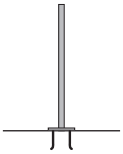
	ø pole attachment	code	colour
double	102	**6165**	15
triple	102	**6166**	15
intermediate attachment L=300	102	**6156**	15
	120	**6159**	15
adapter for pole	from ø 102 to ø 76	**6134**	15

wall-mounted installation

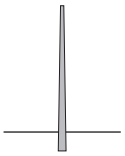
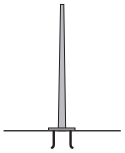
	code	colour
wall attachment	**6160**	15

Archilede HP
High Performance
Enel Sole | by iGuzzini

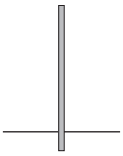
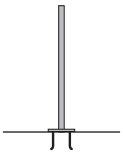
cylindrical poles for pole-top installation of 3 optical assemblies

	h off-ground	ø pole	code colour
buried	6000	102	**1542** 15
	6000	159/102	**1561** 15
	7000	102	**1543** 15
	7000	159/102	**1562** 15
	8000	127/102	**1544** 15
	8000	159/102	**1565** 15
with plate	6000	159/102	**1597** 15
	7000	159/102	**1598** 15
	8000	159/102	**1599** 15

conical poles for pole-top installation of 1/2 optical assemblies

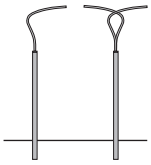
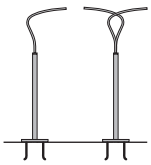
	h off-ground	ø pole	code colour
buried	4000	106-60	**1275** 15
	7000	138-60	**1281** 15
	9000	158-60	**1282** 15
with plate	4000	100-60	**1278** 15
	7000	130-60	**1283** 15
	9000	150-60	**1284** 15

cylindrical poles for pole-top installation of 1/2 optical assemblies

	h off-ground	ø pole	ø shank	code colour
buried	5000	102		**1205** 15
	6000	102	76	**1518** 15
	7000	120	102	**1519** 15
	8000	120	102	**1520** 15
with plate	5000	102		**1344** 15
	6000	120	102	**1521** 15
	7000	120	102	**1522** 15
	8000	120	102	**1523** 15

The technical specifications of the poles are presented on page 489

shaped poles

	h off-ground	ø pole	ø lateral attachment	code colour
buried	with single arm			
	6700	160	76	**1511** 74
	8700	160	76	**1515** 74
	with double arm			
	6700	160	76	**1585** 74
	8700	160	76	**1588** 74
with plate	with single arm			
	6700	160	76	**1566** 74
	8700	160	76	**1570** 74
	with double arm			
	6700	160	76	**1909** 74
	8700	160	76	**1910** 74
	curved conical			
	6000	147 max	60	**1506** 15
	6000	147 max	60	***1508** 15
	8000	172 max	60	**1507** 15
	8000	172 max	60	***1509** 15

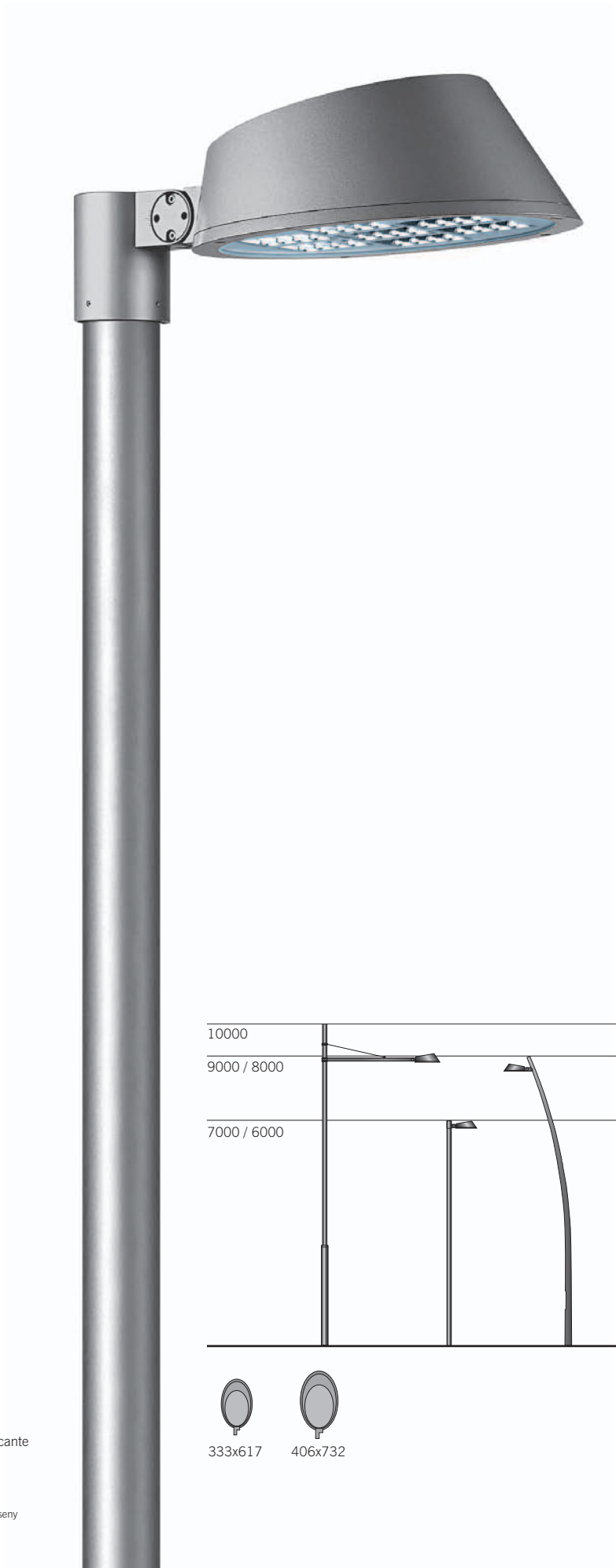
* Versions with intermediate attachment

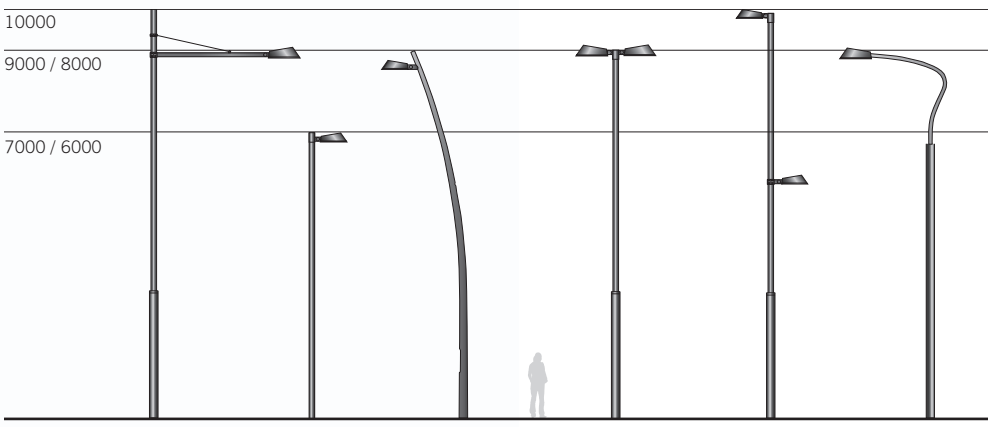
accessory for curved conical poles

		code colour
decorative point with LED	LED Blue	**BZC5** 01
	LED Neutral white	**BZC6** 01

Lavinia System

design Massimiliano & Doriana Fuksas





Area south of Alicante
Alicante, Spain

Architectural project:
Emilio Vicedo Ortiz,
Manuel Lillo Navarro
Photo: Zigzag Fotodisseny

Lavinia System

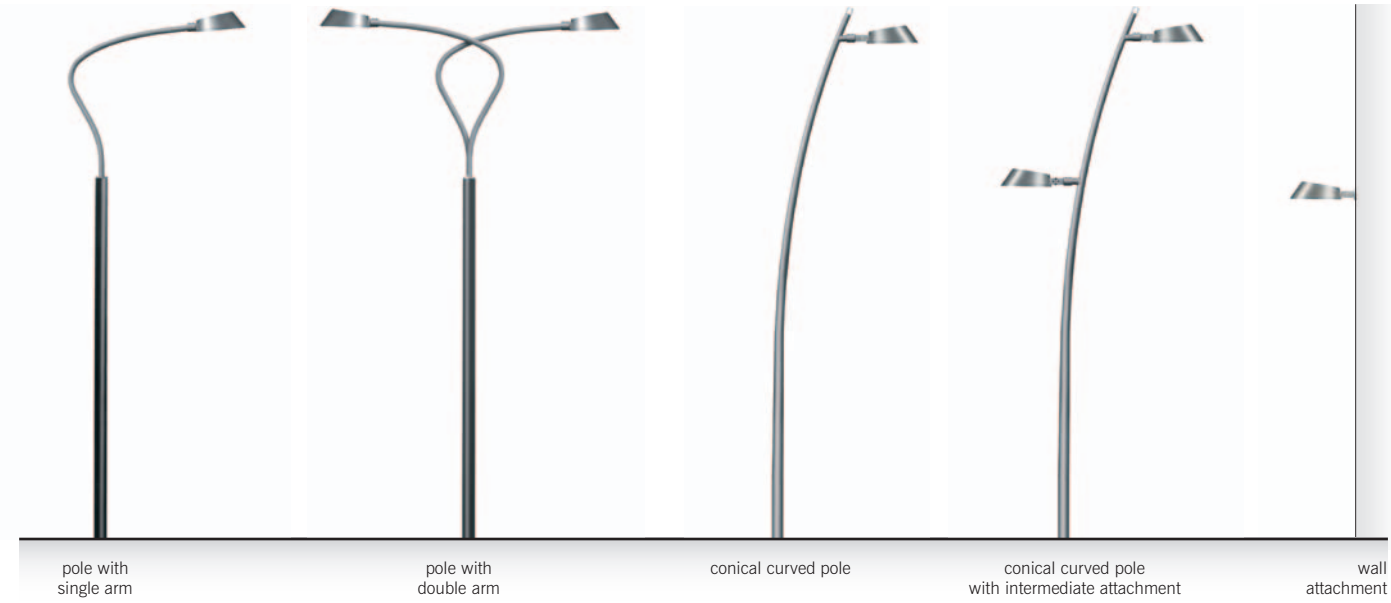
Compositions

Pole-top

Arms

single pole-top | double pole-top | triple pole-top | single arm L=900 with intermediate | double arm L=900

Shaped poles



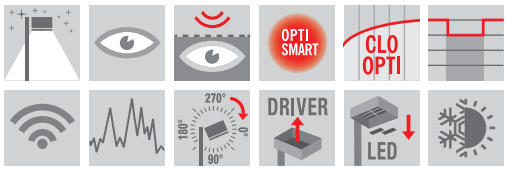
pole with single arm | pole with double arm | conical curved pole | conical curved pole with intermediate attachment | wall attachment

Lavinia System

Features

IP66 IK08

- Street lighting system for use with LEDs, metal halide and sodium discharge lamps.
- Pole or wall-mounted installation.
- Fitting has an optical assembly, pole, arm (single or double), and pole-top (with a single, double, or triple attachment).
- Die-cast aluminium optical assembly and frame; frame secured with captive screws; tempered sodium-calcium sealing glass, thickness 4 mm; internal retention cables made of galvanized steel; 99.9% superpure aluminium reflector; porcelain lamp-holder secured with anodized aluminium supports; anti-loosening device of the lamp.
- Aluminium pole-top and arms.
- Die-cast aluminium lateral attachment for tapered poles with diameter from 46 to 76 mm.
- No upward emission of the light flow.
- Adjustable optical assembly.
- High visual comfort.
- High performance optics (Opti Smart) and uniform light distribution.
- No photobiological risk. This luminaire is in the “Exempt Group” (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- The luminaire has luminous flux emission fully programmable directly from the product driver.
- The driver allows the use of 3 fixed profiles (1/2/3) and one variable profile (4) for different output lumen levels and different powers.
  Profile 1 fixed to 375mA
  Profile 2 fixed to 450mA
  Profile 3 fixed to 525mA
  Profile 4 variable to 350mA
- Compatibility with Telemanagement systems thanks to “Power Supply”, dual-operation Flux regulator and “LED Driver DALI” (0-10V/1-10V) compatible with the systems on the market.
- Common mode surge protection up to 10KV.
- An active control system modifies the current intensity to preserve the luminous efficacy and the lifetime of the LEDs under any ambient temperature conditions.
- Replaceable LED unit.
- Replaceable driver unit and control gear.
- All external screws are in stainless steel.



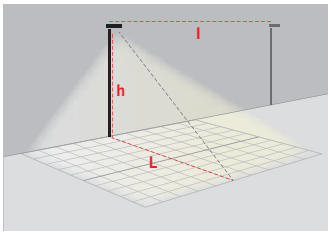
on request versions:

Hinge opening with two captive screws for small body

Decompression valve for small body

Groove allowing water to run off

Optics



d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

ST - Road optics

LED
OPTI SMART

ST1
30 | 53 | 69W
81W
l = 4h / d = 1
Glare Index: G4

ST1.2
38 | 62 | 81W
l = 4h / d = 1,2
Glare Index: G4

ST1C
38 | 59W | 81W
l = 3,7h / d = 1
Glare Index: G6

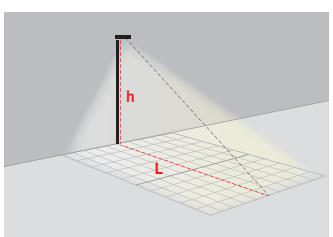
HIT-DE-CE
HST-DE
70W | 150W
l = 3,7h / d = 0,85

HST
HIT-CE
70W
l = 3,7h / d = 0,9

HIT-CE
100 | 150 | 250W
l = 3,7h / d = 0,9

HIT-CE
250W
l = 3,7h / d = 0,85

HIT
HST
150W
l = 3,7h / d = 0,9



A - Asymmetric optics

LED
OPTI SMART

A60
60 | 89W
h = 7 / d = 2

A45C
60 | 89W
h = 7 / d = 1,6

HIT-DE-CE
HST-DE
70 | 150W
h = 6 / d = 2

HIT-CE
250W
h = 6 / d = 2

HST
HIT-CE
70W
h = 8 / d = 2

HIT-DE
HST-DE
250| 400W
h = 6 / d = 2

Lavinia System

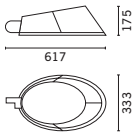
15
GREY

- **LED Single Chip**
- Colour stability **Mac Adam <4**

	lumen lm	LED	HIT/HST		HME	
• Life 73000 h **L90** Profile 1	**3180**	30W	83W	64%	92W	68%
• Life 60000 h **L90** Profile 1	**5700**	53W	117W	55%	150W	65%
• Life 50000 h **L90** Profile 1	**7410**	69W	170W	60%	275W	75%

- Color temperature: Neutral white **4000K** Warm white **3000K**

(4000K) LED energy saving compared with traditional lamps
The system life is calculated at Ambient Temperature (Ta) 25°C



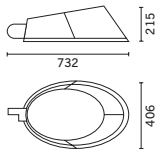
light source	W	lm	optic	code colour
LED	Neutral white			
	30W	3180	ST1	**BL95** 15
	53W	5700	ST1	**BL96** 15
	38W	4120	ST1.2	**BL97** 15
	62W	6590	ST1.2	**BL98** 15
	38W	3780	ST1C	**BL99** 15
	59W	6050	ST1C	**BM00** 15
	60W	6370	A60	**BM01** 15
	60W	5730	A45C	**BM02** 15

Available warm white versions.
The BL96-BL98-BM00-BM01-BM02 codes can be used only with the Profiles 1-2-4 and at a maximum environment temperature of 25°C.
The BL97-BL99 codes can be used with the Profiles 1-4 at a maximum environment temperature of 40°C and with the Profiles 2-3 at a maximum environment temperature of 25°C.

HIT-DE-CE (Rx7s)	70W	ST	*B413	15
	150W	ST	B415	15
HST-DE (Rx7s)	70W	A	*B425	15
	150W	A	B427	15

* Version with elettronic power supply available on request

HST (E27)	70W	ST	B414	15
	70W	A	B426	15
HIT-CE (E27)				
HIT-CE (G12)	250W	ST	B416	15
	250W	A	B428	15



light source	W	lm	optic	code colour
LED	Neutral white			
	69W	7410	ST1	**BM17** 15
	81W	8860	ST1	**BP74** 15
	81W	8860	ST1.2	**BM18** 15
	81W	8320	ST1C	**BM24** 15
	89W	9550	A60	**BM25** 15
	89W	8600	A45C	**BM26** 15

Available warm white versions.
Can be used only with the Profiles 1-2-4 and at a maximum environment temperature of 25°C

HST (E40)	100W	ST	B411	15
	150W	ST	B412	15
HIT-CE (E40)				
HIT (Osram) (E40)	250W	ST	B213	15
HST (E40)	250W	ST	B214	15
HIT (Philips) (E40)	400W	ST	B215	15
HIT-DE (Fc2)	250W	A	B217	15
HST-DE (Fc2)				
HIT-DE (Fc2)	400W	A	B218	15

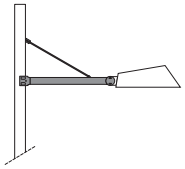
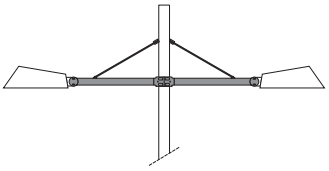
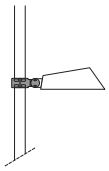
The output lumen and power value of the systems refer to the Profiles with the greatest light efficiency (Profile 1 and 4). The values of other profiles can be consulted in the online catalogue: "http://catalog.iguzzini.com"

accessories

	code	colour
USB pen profiler Complete with cable and battery	**BZX1**	04 for LED versions

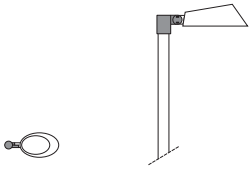
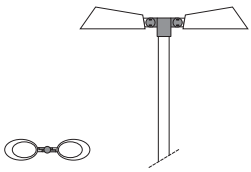
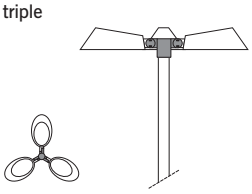
Lavinia System

installation with arms on cylindrical poles

	length	ø pole	code colour
single 	900	102	**B437** 15
	900	120	**B440** 15
	1500	102	**B438** 15
	1500	120	**B441** 15
	2200	102	**B439** 15
	2200	120	**B442** 15
double 	1800	102	**B443** 15
	1800	120	**B446** 15
	1800	102	**B444** 15
	1800	120	**B447** 15
	4400	102	**B445** 15
	4400	120	**B448** 15
intermediate attachment 		102	**B459** 15
		120	**B460** 15

The arms can be installed on iGuzzini poles only

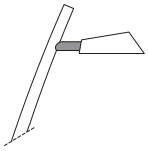
pole-top installation

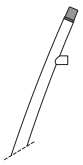
	ø pole attachment	code colour
single 	60	**BZG3** 15
	76	**BZG4** 15
	102	**B450** 15
	120	**B220** 15
double 	60	**BZG5** 15
	76	**BZG6** 15
	102	**B451** 15
	120	**B221** 15
triple 	102	***B452** 15
	120	**B222** 15

* To be used with terminal block code 1865 (refer to the instructions sheet)

Lavinia System

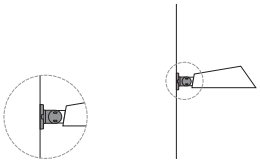
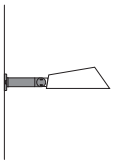
installation on shaped poles

	ø lateral attachment	code colour
lateral attachment 	from ø 46 to ø 76 mm	**BZC8** 15

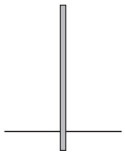
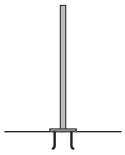
decorative point with LED 	LED Blue	**BZC5** 01
	LED Neutral white	**BZC6** 01

For curved conical poles

wall-mounted installation

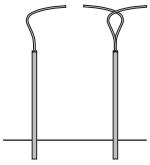
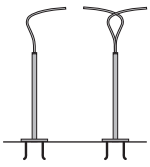
	code colour
wall attachment 	**B223** 15
wall attachment with arm L=400 	**B449** 15

cylindrical poles

	h off-ground	ø pole	code colour
buried 	6000	102	**1542** 15
	8000	102	**1543** 15
	8000	127/102	**1544** 15
	9000	194/120	**1545** 15
	10000	194/120	**1546** 15
	12000	194/120	**1552** 15
with plate 	6000	159/102	**1597** 15
	7000	159/102	**1598** 15
	8000	159/102	**1599** 15
	9000	194/120	**1547** 15
	10000	194/120	**1548** 15
	12000	194/120	**1554** 15

The technical specifications of the poles are presented on page 489

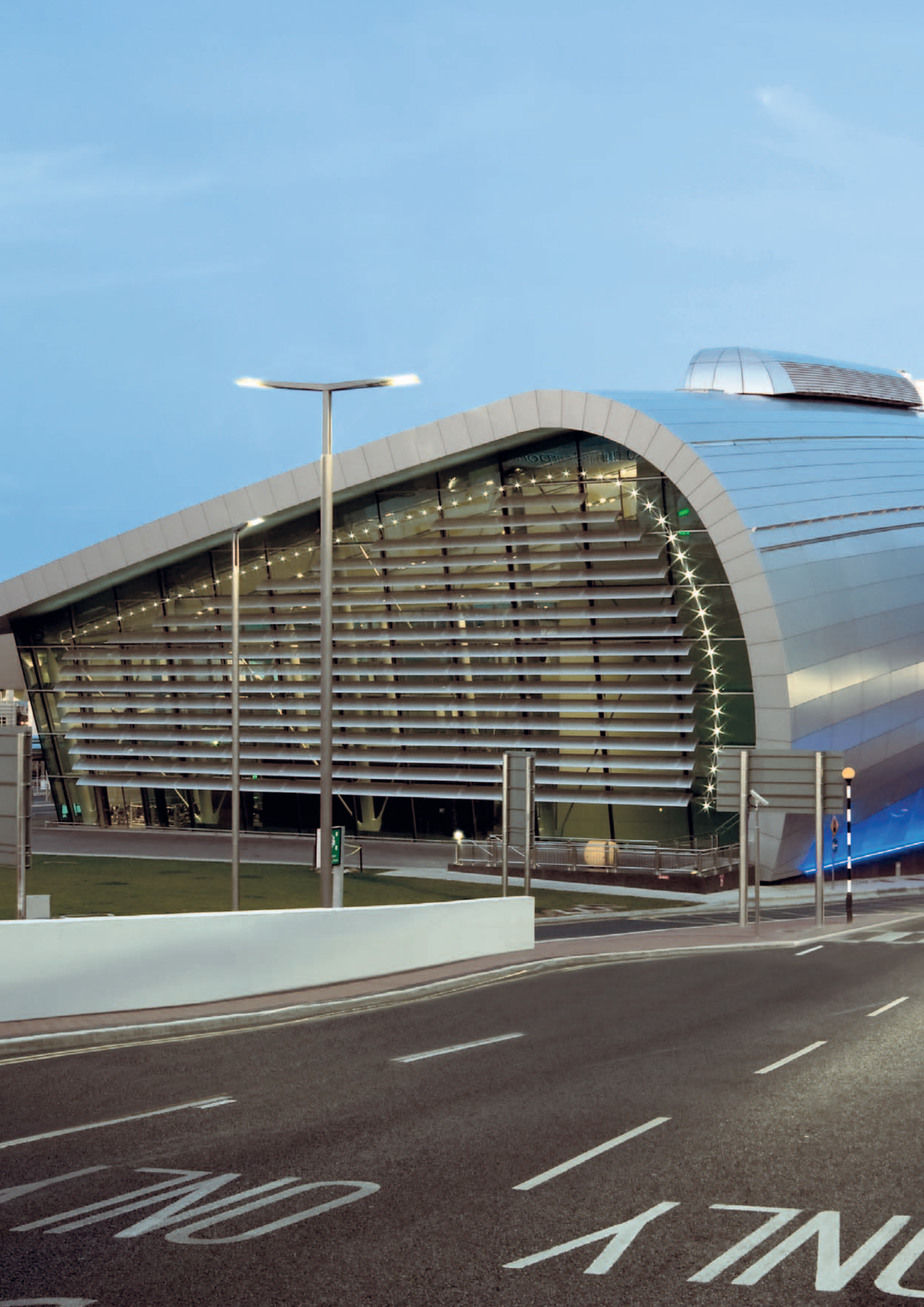
shaped poles

	h off-ground	ø pole	ø lateral attachment	code colour
buried 	with single arm			
	6700	160	76	**1511** 74
	8700	160	76	**1515** 74
	with double arm			
	6700	160	76	**1585** 74
	8700	160	76	**1588** 74
with plate 	with single arm			
	6700	160	76	**1566** 74
	8700	160	76	**1570** 74
	with double arm			
	6700	160	76	**1909** 74
	8700	160	76	**1910** 74
	curved conical			
	6000	147 max	60	**1506** 15
	6000	147 max	60	***1508** 15
	8000	172 max	60	**1507** 15
	8000	172 max	60	***1509** 15

* Versions with intermediate attachment

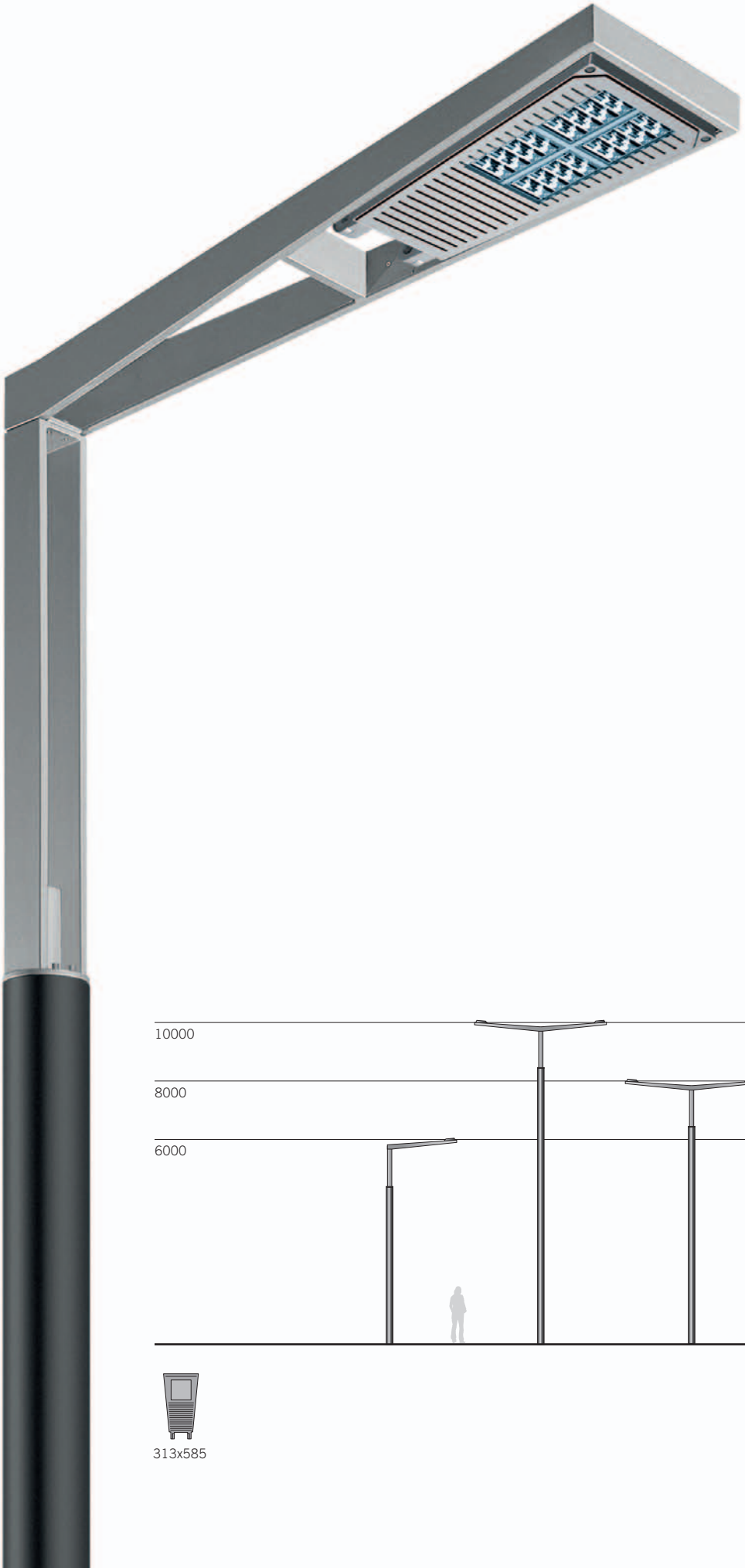
Dublin T2 - Dublin, Ireland

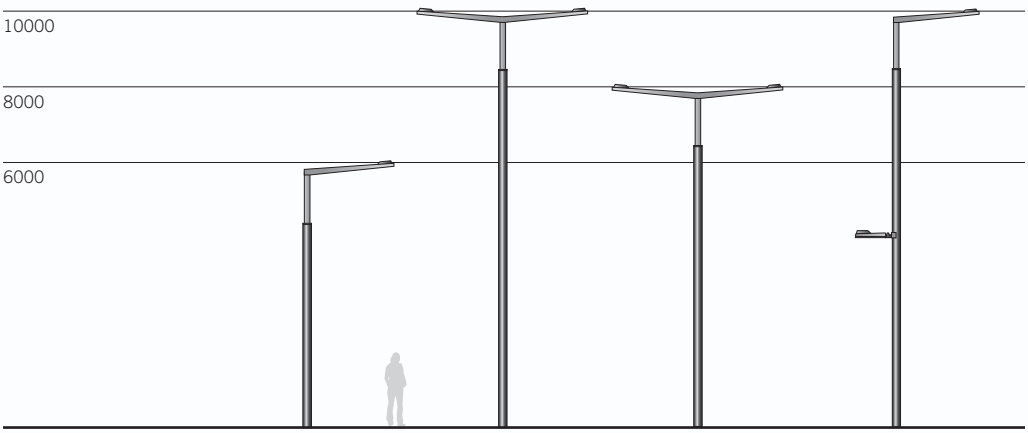
Architectural project: Architect Pascal and Watson, M&E Consultant
Lighting project: Arup & Partners - Photo: Photographisches LichT, ARchitekturR&Design



iRoad

design Jean Michel Wilmotte





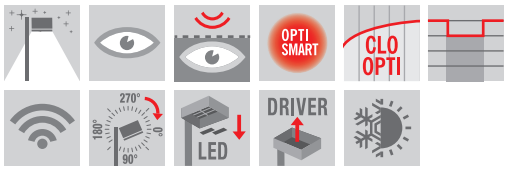
313x585

iRoad

Features

IP66 IK08

- Street lighting system for use with LEDs, metal halide and sodium discharge lamps.
- Pole or wall-mounted installation.
- Fitting has an optical assembly, pole, overhanging arm (single or double), intermediate arm, and wall-mounted attachment.
- Die-cast aluminium optical assembly and frame; sodium-calcium tempered sealing glass with customized silk-screening; 99.95% superpure aluminium reflector; porcelain lamp holder secured with anodized aluminium supports and cables with quick-connecting terminals; anti-loosening device of the lamp.
- Disconnecting switch and fuse on request.
- Pole is equipped with a single or a double arm. To be ordered separately.
- Arms for wall-mounting, or for intermediate installation on poles with D=159mm, made of die-cast aluminium and galvanized steel sheet.
- No upward emission of the light flow.
- Adjustable optical assembly.
- High visual comfort.
- High performance optics (Opti Smart) and uniform light distribution.
- No photobiological risk. This luminaire is in the "Exempt Group" (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- The luminaire has luminous flux emission fully programmable directly from the product driver.
- The driver allows the use of 3 fixed profiles (1/2/3) and one variable profile (4) for different output lumen levels and different powers.
  Profile 1 fixed to 375mA
  Profile 2 fixed to 450mA
  Profile 3 fixed to 525mA
  Profile 4 variable to 350mA
- Compatibility with Telemanagement systems thanks to "Power Supply", dual-operation Flux regulator and "LED Driver DALI" (0-10V/1-10V) compatible with the systems on the market.
- An active control system modifies the current intensity to preserve the luminous efficacy and the lifetime of the LEDs under any ambient temperature conditions.
- Replaceable LED unit.
- All screws are A2 stainless steel.

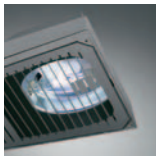


on request versions: DALI PROTOCOL, 0-10 VOLT

Optical assembly opens easily

Removable plate

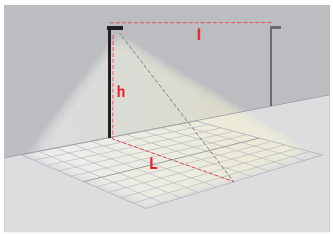
Decompression valve


Optic with silk-screened glass

Disconnecting switch and fuse on request

Two entries for cables

Optics



d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

ST - Road optics

LED
OPTI SMART

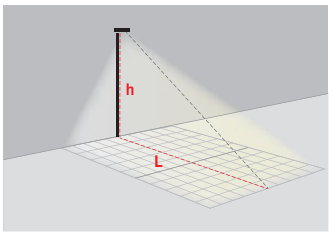
ST1
30 | 53W
l = 4h / d = 1
Glare Index: G4

ST1.2
39 | 61W
l = 4h / d = 1,2
Glare Index: G4

ST1C
38 | 59W
l = 3,7h / d = 1
Glare Index: G6

HIT-DE-CE
HST-DE
150W
l = 3,9h / d = 1

HIT-CE
250W
l = 3,9h / d = 1



d = **L/h**
h = Installation height
L = Width of area to be lit

A - Asymmetric optics

LED
OPTI SMART

A60
59W
h = 7 / d = 2

A45C
59W
h = 7 / d = 1,6

HIT-DE-CE
HST-DE
150W
h = 8 / d = 1,5

HIT-CE
250W
h = 10 / d = 1,9

iRoad

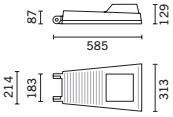
15
GREY

- **LED** **Single Chip**
- Colour stability **Mac Adam <4**

	lumen lm	LED	HIT/HST		HME	
• Life 80000 h **L90** Profile 1	**3180**	30W	83W	63%	92W	68%
• Life 55000 h **L90** Profile 2	**5700**	53W	117W	55%	150W	65%

• Color temperature:
Neutral white **4000K**
Warm white **3000K**

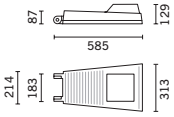
(4000K) LED energy saving compared with traditional lamps
The system life is calculated at Ambient Temperature (Ta) 25°C



light source	W	lm	optic	code colour
LED	Neutral white			
	30W	3180	ST1	**BM03** 15
	53W	5700	ST1	**BM04** 15
	39W	4120	ST1.2	**BM05** 15
	61W	6590	ST1.2	**BM06** 15
	38W	3780	ST1C	**BM07** 15
	59W	6050	ST1C	**BM08** 15
	59W	6370	A60	**BM09** 15
	59W	5370	A45C	**BM10** 15

Available warm white versions.
The BM04-BM06-BM08-BM09-BM10 codes can be used only with the Profiles 1-4 and at a maximum environment temperature of 40°C.

The output lumen and power value of the systems refer to the Profiles with the greatest light efficiency (Profile 1 and 4). The values of other profiles can be consulted in the online catalogue: "http://catalog.iguzzini.com"

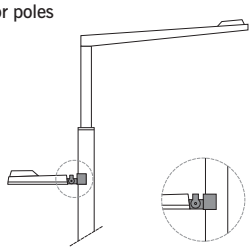


light source	W	lm	optic	code colour
HIT-DE-CE (Rx7s)	150W		ST	**B404** 15
	150W		A45	**B408** 15
HST-DE (Rx7s)				
HIT-CE (G12)	250W		ST	**B405** 15
	250W		A45	**B409** 15

	code	colour
USB pen profiler Complete with cable and battery	**BZX1**	04 for LED versions

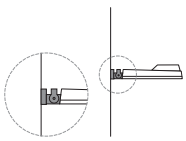
installation on shaped poles

	code colour
intermediate attachment for poles	**1128** 15



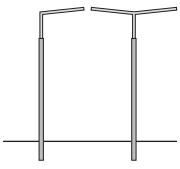
Suitable for installation on all poles ø 160 mm

	code colour
wall attachment	**1129** 15

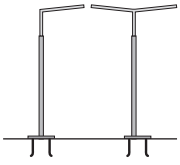


shaped poles

	h off-ground	ø pole	code colour
buried	with single arm		
	6000	160	**1530** 74
	8000	160	**1531** 74
	10000	160	**1532** 74
	with double arm		
	6000	160	**1536** 74
	8000	160	**1537** 74
	10000	160	**1538** 74



	h off-ground	ø pole	code colour
with plate	with single arm		
	6000	160	**1533** 74
	8000	160	**1534** 74
	10000	160	**1535** 74
	with double arm		
	6000	160	**1539** 74
	8000	160	**1540** 74
	10000	160	**1541** 74



The technical specifications of the poles are presented on page 489

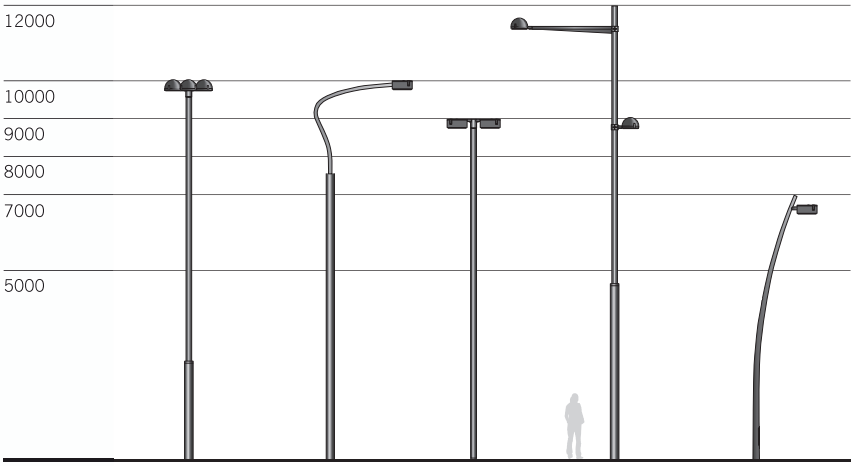
Le Albere - Trento, Italy
Architectural and lighting project: RPBW - Photo: Enrico Cano

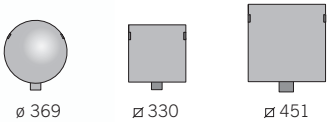
Argo and Delphi

Delphi

Argo span-wire installation

Argo





ThyssenKrupp Headquarters
Essen, Germany

Architectural project: ARGE Architetti TKQ, Studio di architettura JSWD, Chaix & Morel et Associés
Lighting project: Licht Kunst Licht
Photo: Christian Richters

Argo and Delphi

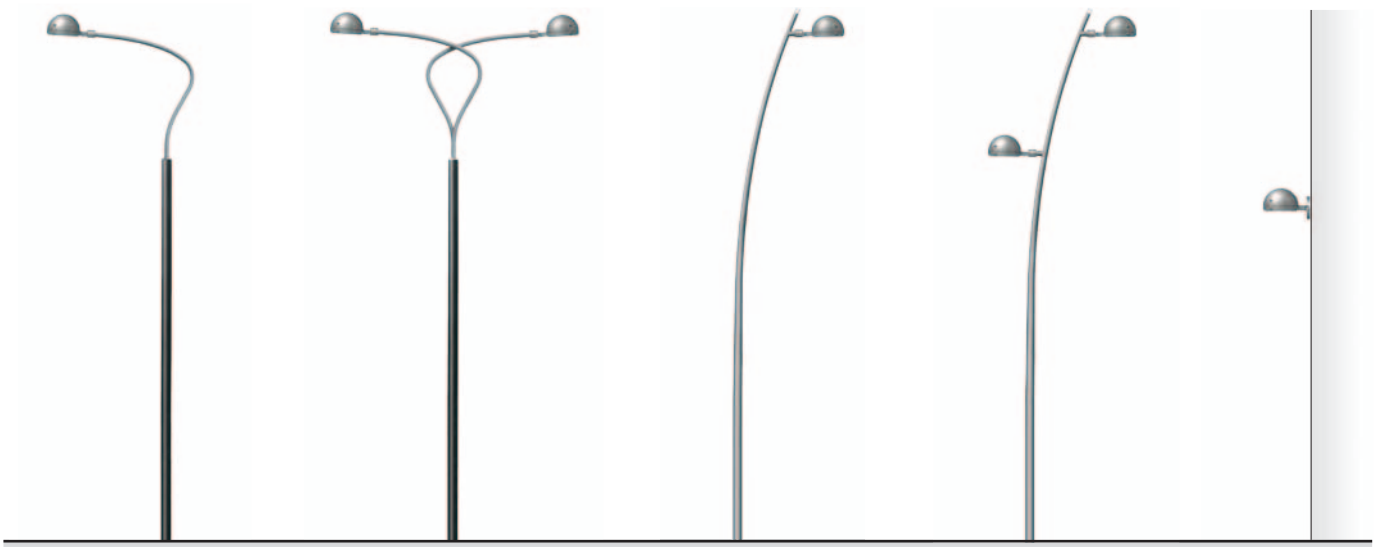
Compositions

Pole-top

Linear arms

single pole-top | double pole-top | triple pole-top | linear arm L=900 with intermediate attachment | linear arm L=900 (double composition)

Shaped poles



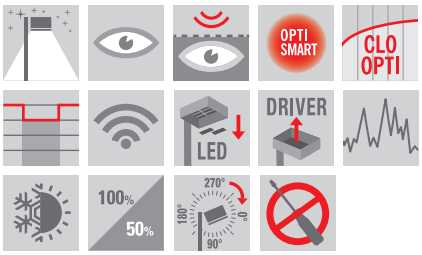
pole with single arm | pole with double arm | conical curved pole | conical curved pole with intermediate attachment | wall attachment

Argo and Delphi

Features

IP66 IK09

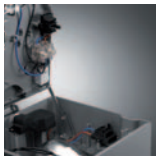
- Street lighting system for use with LEDs, metal halide, sodium discharge and fluorescent lamps.
- Pole or wall-mounted installation.
- Fitting has an optical assembly, pole, arm (single or double) and pole-top.
- Die-cast aluminium optical assembly and lid; sodium-calcium tempered sealing glass, thickness 5 mm; 50 Shore black silicone gasket; polished anodized reflector made of 99.93% superpure aluminium.
- Die-cast aluminium pole-top with single and double attachment for poles ø 60, 76, 102, 120 mm, triple ø 102, 120 mm.
- Die-cast aluminium lateral attachment for tapered poles with diameter from 46 to 76 mm.
- No upward emission of the light flow.
- Adjustable optical assembly.
- High visual comfort.
- High performance optics (Opti Smart) and uniform light distribution.
- No photobiological risk. This luminaire is in the “Exempt Group” (no risk linked to infrared, blue light and UV radiation) in accordance with EN 62471:2008.
- The luminaire has luminous flux emission fully programmable directly from the product driver.
- The driver allows the use of 3 fixed profiles (1/2/3) and one variable profile (4) for different output lumen levels and different powers.
  Profile 1 fixed to 375mA
  Profile 2 fixed to 450mA
  Profile 3 fixed to 525mA
  Profile 4 variable to 350mA
- Compatibility with Telemanagement systems thanks to “Power Supply”, dual-operation Flux regulator and “LED Driver DALI” (0-10V/1-10V) compatible with the systems on the market.
- Common mode surge protection up to 10KV.
- An active control system modifies the current intensity to preserve the luminous efficacy and the lifetime of the LEDs under any ambient temperature conditions.
- Replaceable driver unit and control gear.
- All external screws are in stainless steel.



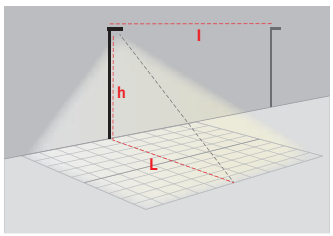
on request versions:

Tool-free optical assembly opening

Automatic door lock


Disconnecting switch

Optics



d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

ST - Road optics

LED
OPTI SMART

ST1
18 | 30 |53 | 69W
81W
l = 4h / d = 1
Glare Index: G4

ST1.2
39 | 62 | 81W
l = 4h / d = 1,2
Glare Index: G4

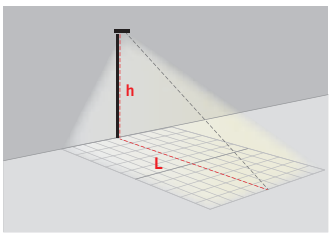
ST1C
38 | 59 | 80W
l = 3,7h / d = 1
Glare Index: G6

HST-DE 70 W
l = 6h / d = 2

HIT-CE CPO-TW 140W
l = 3,7h / d = 0,85

HIT-CE CDO-TT 100W
l = 3,7h / d = 0,9

HIT-CE CDM-T 315W
l = 3,7h / d = 0,85



d = **L/h**
h = Installation height
L = Width of area to be lit

A - Asymmetric optics

LED
OPTI SMART

A60
59 | 88W
h = 7 / d = 2

A45C
59 | 88W
h = 7 / d = 1,6

HIT-CE CPO-TW 140W
h =6 / d = 2

HST 250W
h = 8 / d = 2

Argo

04 BLACK 15 GREY

- **LED Single Chip**
- Colour stability **Mac Adam <4**

	lumen lm	LED	HIT/HST		HME	
• Life 76000 h **L90** Profile 1	**3180**	30W	83W	63%	92W	68%
• Life 66000 h **L90** Profile 1	**5700**	53W	117W	55%	150W	65%
• Life 66000 h **L90** Profile 1	**7410**	69W	170W	60%	275W	75%

- Color temperature: Neutral white **4000K** Warm white **3000K**

(4000K) LED energy saving compared with traditional lamps
The system life is calculated at Ambient Temperature (Ta) 25°C

light source	W	lm	optic	code colour
LED	Neutral white			
	32W	3100	ST1	**BL86** 04-15
	56W	5480	ST1	**BL87** 04-15
	41W	3980	ST1.2	**BL88** 04-15
	64W	6300	ST1.2	**BL89** 04-15
	32W	2950	ST0.8C	**BL90** 04-15
	39W	3670	ST1C	**BL91** 04-15
	62W	5820	ST1C	**BL92** 04-15
	62W	6130	A60	**BL93** 04-15
	62W	5510	A45C	**BL94** 04-15
	Neutral white bi-energy			
	19W	1630	ST1	**BU05** 04-15
	Neutral white DALI			
	19W	1630	ST1	**BP73** 04-15

Available warm white versions.
The BL87-BL89-BL92-BL93-BL94 codes can be used with the Profiles 1-4 at a maximum environment temperature of 40°C and with the Profiles 2-3 at a maximum environment temperature of 25°C. The BL88-BL91 codes can be used with the Profiles 1-2-4 at a maximum environment temperature of 40°C and with the Profile 3 at a maximum environment temperature of 25°C.

HST (E27/E40)	50W		ST	**BD86** 04-15
	70W		ST	**BC82** 04-15
HIT-CE (E27/E40)	100W		ST	**BC83** 04-15
HIT-DE-CE (Rx7s)	70W		C	**BC89** 04-15
	70W		A	**BC90** 04-15
HST-DE (Rx7s)	150W		A	**BC91** 04-15
HIT-CE (PGZ12)	Electronic			
	60W		ST	***BC87** 04-15
	140W		ST	**BC84** 04-15
	60W		A	***BC94** 04-15
	140W		A	**BC92** 04-15

* Versions available on request

The output lumen and power value of the systems refer to the Profiles with the greatest light efficiency (Profile 1 and 4). The values of other profiles can be consulted in the online catalogue: "http://catalog.iguzzini.com"

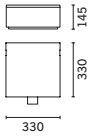
accessories

	code	colour
Polycarbonate screen IK10	**BZ43**	24
	for BC82-BC87-BC89 BC90-BC94-BD86-BL86 BL87-BL88-BL89-BL90 BL91-BL92-BL93-BL94	
USB pen profiler	**BZX1**	04
Complete with cable and battery	for LED version	

Delphi

04 BLACK

15 GREY

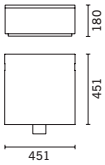


light source	W	lm	optic	code colour
LED	Neutral white			
	30 W	3180	ST1	**BL77** 04-15
	53 W	5700	ST1	**BL78** 04-15
	39 W	4120	ST1.2	**BL79** 04-15
	61 W	6590	ST1.2	**BL80** 04-15
	31 W	3030	ST0.8C	**BL81** 04-15
	38 W	3780	ST1C	**BL82** 04-15
	59 W	6050	ST1C	**BL83** 04-15
	59 W	6370	A60	**BL84** 04-15
	59 W	5730	A45C	**BL85** 04-15
	Neutral white bi-energy			
	19 W	1630	ST1	**BU03** 04-15
	Neutral white DALI			
	19 W	1630	ST1	**BP72** 04-15

Available warm white versions.
The BL78-BL80-BL83-BL84-BL85 codes can be used only with the Profiles 1-4 and at a maximum environment temperature of 40°C and with the Profiles 2-3 at a maximum environment temperature of 25°C. The BL79-BL82 can be used only with the Profiles 1-2-4 at a maximum environment temperature of 40°C and with the Profile 3 at a maximum environment temperature of 25°C.

HST (E27/E40)	50 W		ST	**BD85** 04-15
	70 W		ST	**BC57** 04-15
HIT-CE (E27/E40)	100 W		ST	**BC58** 04-15
HIT-DE-CE (Rx7s)	150 W		ST	**BC60** 04-15
	70 W		C	**BC64** 04-15
HST-DE (Rx7s)	70 W		A	**BC65** 04-15
	150 W		A	**BC66** 04-15
HIT-CE (PGZ12)	Electronic			
	60 W		ST	***BC62** 04-15
	140 W		ST	**BC59** 04-15
	60 W		A	***BC69** 04-15
	140 W		A	**BC67** 04-15

* Versions available on request



light source	W	lm	optic	code colour
LED	Neutral white			
	69 W	7410	ST1	**BM11** 04-15
	81 W	8860	ST1	**BM12** 04-15
	81 W	8860	ST1.2	**BM13** 04-15
	80 W	8320	ST1C	**BM14** 04-15
	88 W	9550	A60	**BM15** 04-15
	88 W	8600	A45C	**BM16** 04-15

Available warm white versions.
Can be used only with Profiles 1-2-4 and at a maximum environment temperature of 25°C.
The BM11 code can also use the Profile 3.

HST (E40)	150 W		ST	**BF19** 04-15
	250 W		ST	**BF20** 04-15
HIT-CE (E40)	150 W		A	**BF23** 04-15
	250 W		A	**BF24** 04-15
HST (E40)	400 W		A	***BF81** 04-15
HIT-CE (PGZ12)	Electronic			
	140 W		ST	***BF77** 04-15
	140 W		A	***BF80** 04-15

* Versions available on request

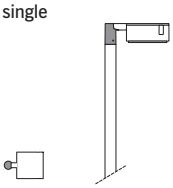
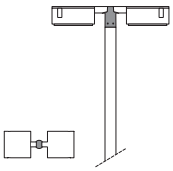
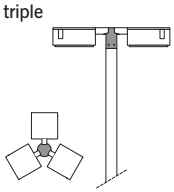
The output lumen and power value of the systems refer to the Profiles with the greatest light efficiency (Profile 1 and 4). The values of other profiles can be consulted in the online catalogue: "http://catalog.iguzzini.com"

accessories

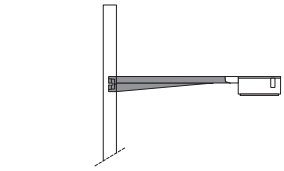
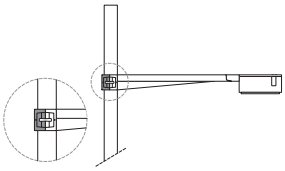
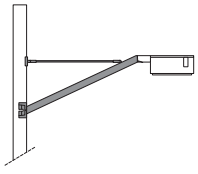
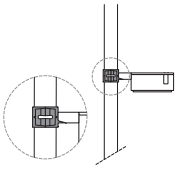
	code	colour
Polycarbonate screen IK10	**BZ41**	24
	for BC57-BC62-BC64-BC65 BC69-BD85-BL77-BL78 BL79-BL80-BL81-BL82 BL83-BL84-BL85	
USB pen profiler Complete with cable and battery	**BZX1**	04
	for LED version	

Argo and Delphi

pole-top installation on cylindrical poles

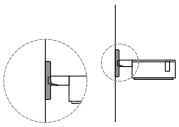
	ø pole attachment	code colour
single 	60	**BD13** 04-15
	76	**BD15** 04-15
	102	**BD17** 04-15
	120	**6120** 04-15
double 	60	**BD14** 04-15
	76	**BD16** 04-15
	102	**BD18** 04-15
	120	**6121** 04-15
triple 	102	**BD19** 04-15
	120	**6122** 04-15

installation with arms on cylindrical poles

	length	ø pole	code colour
linear 	900	102	**BZ44** 04-15
	900	120	**6130** 04-15
	1500	102	**BZ45** 04-15
	1500	120	**6131** 04-15
	The counter flange must be ordered, to secure the arm to the pole.		
counter flange 		102	**BZ46** 04-15
		120	**6132** 04-15
	To be ordered to secure the linear arm without tie rod to the pole. Not required when installing two opposite arms.		
tilted with tie rod 	900	102	**BZ48** 04-15
	1500	102	**6135** 04-15
	Can be used only with Argo and Delphi small body.		
intermediate attachment 		102	**BD21** 04-15
		120	**6123** 04-15

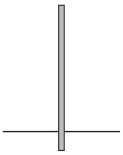
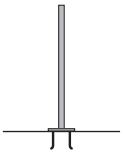
The arms can be installed individually or in double composition.

wall-mounted installation

	code colour
wall attachment 	**BD20** 04-15

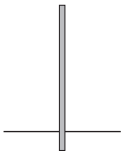
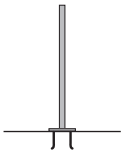
Argo and Delphi

cylindrical poles for pole-top installation of 1/2 optical assemblies

	h off-ground	ø pole	ø shank	code colour
buried	3500	102		***1203** 04-15
	5000	102		**1205** 04-15
	5000	120		**1291** 15
	6000	102	76	**1518** 04-15
	7000	120	102	**1519** 04-15
	8000	120	102	**1520** 04-15
	9000	120		**1274** 15
	9000	194/120		**1545** 04-15
	10000	194/120		**1546** 04-15
	12000	194/120		**1552** 04-15
with plate	5000	102		**1344** 04-15
	5000	120		**1292** 15
	6000	120		**1521** 04-15
	7000	120	102	**1522** 04-15
	8000	120	102	**1523** 04-15
	9000	194/120		**1547** 04-15
	10000	194/120		**1548** 04-15
	12000	194/120		**1554** 04-15

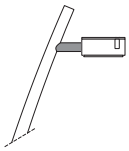
* Not for use in the installation of the large optical assembly

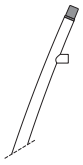
cylindrical poles for pole-top installation of 3 optical assemblies or for arms

	h off-ground	ø pole	code colour
buried	5000	120	**1291** 15
	6000	102	**1542** 04-15
	6000	159/102	**1561** 04-15
	7000	102	**1543** 04-15
	7000	159/102	**1562** 04-15
	8000	127/102	**1544** 04-15
	8000	159/102	**1565** 04-15
	9000	194/120	**1545** 04-15
	10000	194/120	**1546** 04-15
	12000	194/120	**1552** 04-15
with plate	6000	159/102	**1597** 04-15
	7000	159/102	**1598** 04-15
	8000	159/102	**1599** 04-15
	9000	194/120	**1547** 04-15
	10000	194/120	**1548** 04-15
	12000	194/120	**1554** 04-15

The technical specifications of the poles are presented on page 489

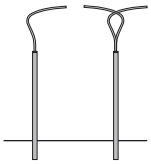
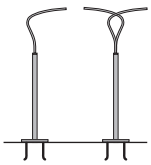
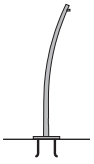
installation on shaped poles

	ø lateral attachment	code colour
lateral attachment	from 46 to 76	**BZC9** 04-15
		

decorative point with LED	LED Blue	**BZC5** 01
	LED Neutral white	**BZC6** 01

For curved conical poles

shaped poles

	h off-ground	ø pole	ø lateral attachment	code colour
buried	with single arm			
	6700	160	76	**1511** 74
	8700	160	76	**1515** 74
	with double arm			
	6700	160	76	**1585** 74
	8700	160	76	**1588** 74
with plate	with single arm			
	6700	160	76	**1566** 74
	8700	160	76	**1570** 74
	with double arm			
	6700	160	76	**1909** 74
	8700	160	76	**1910** 74
	curved conical			
	6000	147 max	60	**1506** 15
	6000	147 max	60	***1508** 15
	8000	172 max	60	**1507** 15
	8000	172 max	60	***1509** 15

* Versions with intermediate attachment

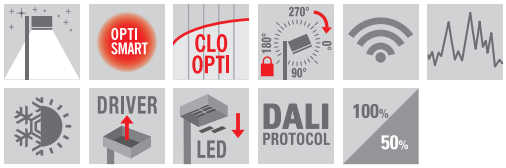
The technical specifications of the poles are presented on page 489

Argo span-wire installation

Features

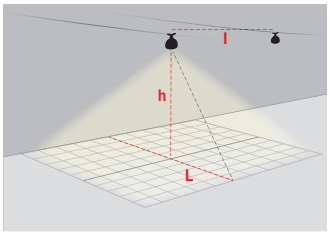
IP66

- Street lighting luminaire for use with LEDs,.
- Pendant installation.
- Made up of optical assembly and fixing system.
- Die-cast aluminium optical assembly and lid; sodium-calcium tempered sealing glass, thickness 5 mm; 50 Shore black silicone gasket; rpolished anodized reflector made of 99.93% superpure aluminium.
- Die-cast aluminium fixing system with anchoring system to AISI 304 stainless steel wire.
- Attached on cables/wires with diameter from 6 to 12 mm.
- Stainless steel anti-fall safety system.
- No upward emission of the light flow.
- Adjustable optical assembly.
- Common mode surge protection up to 10KV.
- Versions with DALI and bi-energy (100% - 50%) control gear.
- Replaceable LED unit.
- Replaceable driver unit and control gear.
- All screws are A2 stainless steel.



Adjustability

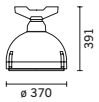
Optic



STM1 - Pendant road optic for vehicular traffic

LED

STM1
32 | 56W
l = 4h / d = 1
Glare Index: G4

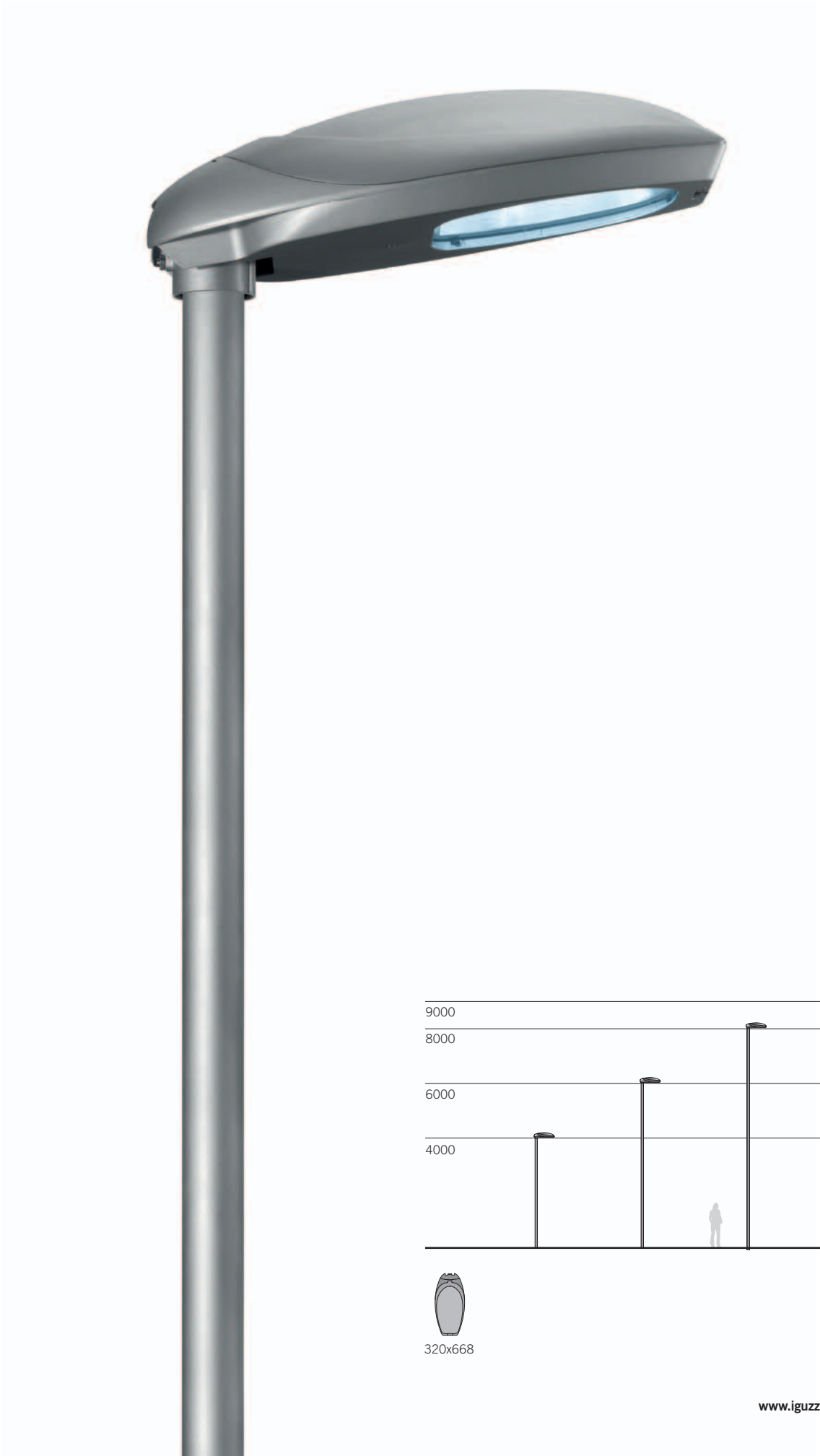


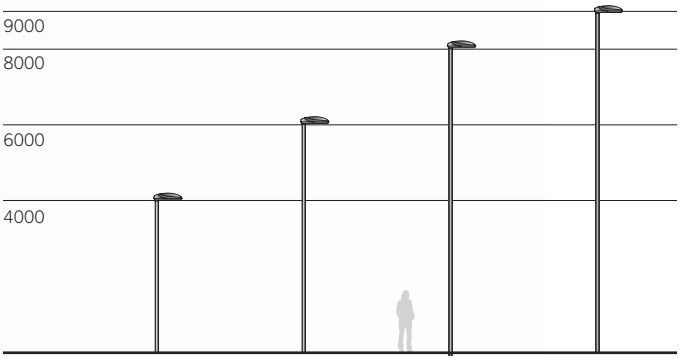
light source	W	lm	optic	code colour
LED				
	Neutral white DALI			
	32 W	3330	STM1	**BU50** 15
	Neutral white bi-energy			
	32 W	3330	STM1	**BU52** 15
	Neutral white			
	56 W	6130	STM1	**BU54** 15

Available warm white versions.

	code colour
USB pen profiler Complete with cable and battery	**BZX1** 04

Street





320x668

Street

Features

IP66 IK10

- Street lighting systems for use with discharge lamps.
- Die-cast aluminium optical assembly, lid and pole-top integrated with the floodlight; tempered sodium-calcium sealing glass, thickness 5 mm; internal reflector in 99.93% superpure aluminium can be removed without tools; lamp holder with anti-loosening device of the lamp and fitted with longitudinal adjustment of the light source in 7 positions.
- Pole-top installation on poles with ending part of ø 76 mm.
- Versions with bi-energy electromagnetic control gear
- No upward emission of the light flow.
- Adjustable optical assembly.
- All external screws are in stainless steel.

on request versions:

Tool-free optical assembly opening

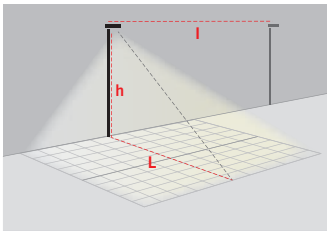
Automatic door lock

Twilight photocell on request

Disconnecting switch

Lamp adjustment

Optic



d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

ST - Road optic

HST	50 | 70W
HIT-CE	100 | 150W

Position 1
l = 3,42h
d = 1,1

Position 2
l = 3,7h
d = 1

Position 3 (default)
l = 3,86h
d = 1

Position 4
l = 4,2h
d = 0,97

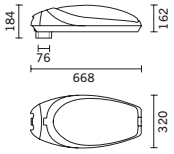
Position 5
l = 4,28h
d = 0,91

Position 6
l = 4,36h
d = 0,81

Position 7
l = 4,4h
d = 0,71

Street

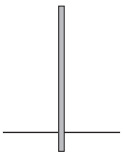
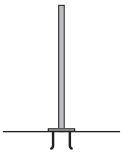
15
GREY



light source	W	optic	code colour
HST (E27/E40)	Electromagnetic		
	50/70 W	ST	**BS80** 15
	100/150 W	ST	**BS81** 15
	Bi-energy electromagnetic		
	70/50 W	ST	**BS82** 15
	150/100 W	ST	**BS83** 15
	150/100 W	ST	***BG94** 15

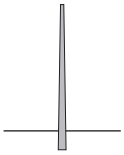
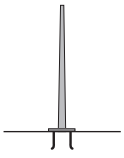
* No control cable

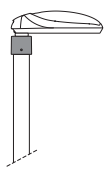
cylindrical poles

	h off-ground	ø pole	ø shank	code colour
buried 	5000	102		**1205** 15
	6000	102	76	**1518** 15
	7000	120	102	**1519** 15
	8000	120	102	**1520** 15
with plate 	5000	102		**1344** 15
	6000	120	102	**1521** 15
	7000	120	102	**1522** 15
	8000	120	102	**1523** 15

The technical specifications of the poles are presented on page 489

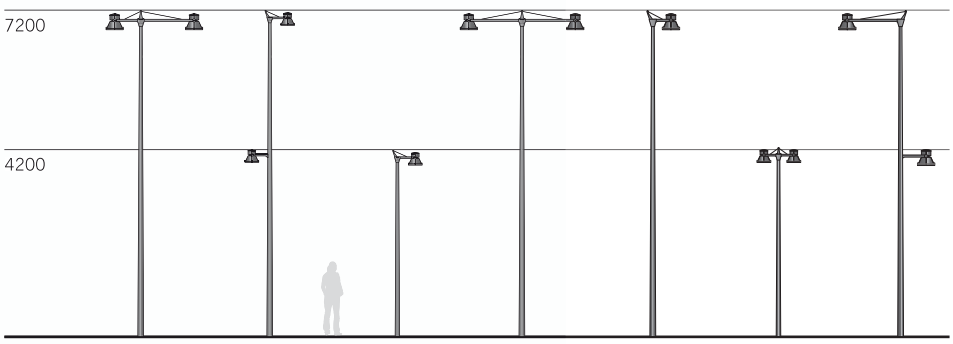
conical poles

	h off-ground	ø pole	code colour
buried 	4000	106-60	**1275** 15
	7000	138-60	**1281** 15
	9000	158-60	**1282** 15
with plate 	4000	100-60	**1278** 15
	7000	130-60	**1283** 15
	9000	150-60	**1284** 15

		code colour
adapter for pole 	from ø 102 to ø 76	**6134** 15

CityWoody

design Mario Cucinella



MaxiWoody
ø 260

MaxiWoody
ø 315

MaxiWoody
ø 380

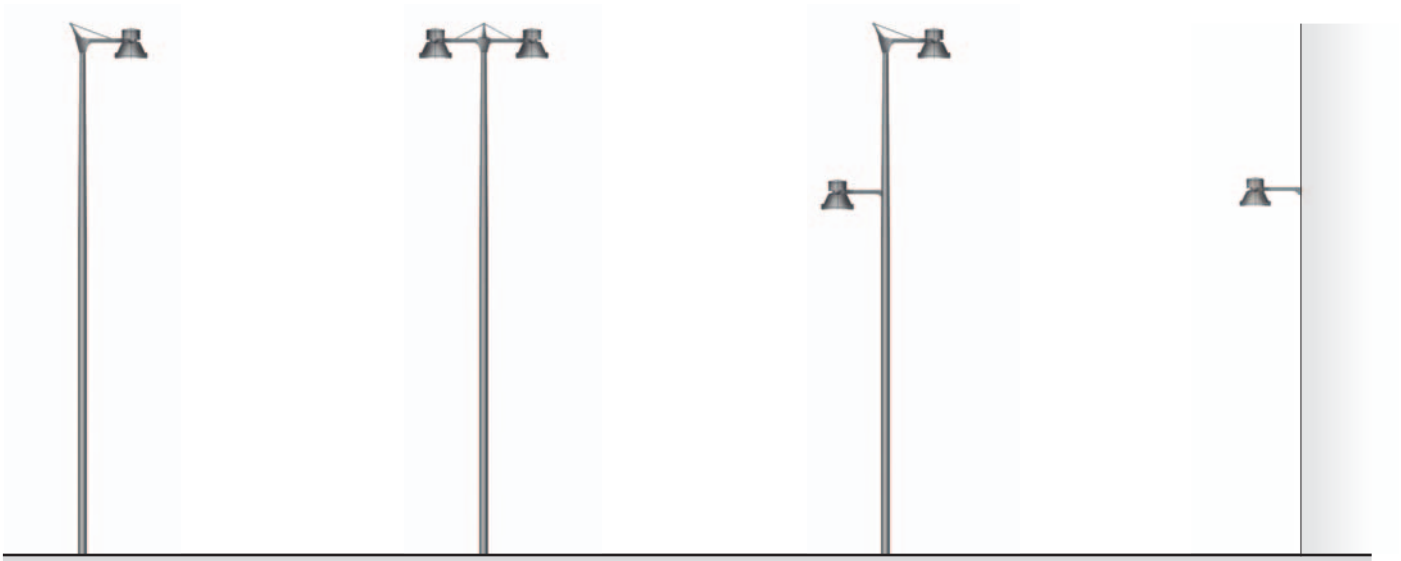
Smart Parc Tabacalera
Tarragona, Spain

Architectural project: Vicens Garcia Carvajal, Robert Mas Santana, Josep Manel Garcia Fernandez - Photo: Juan Manuel Mellado Collado

CityWoody

Compositions

Arms

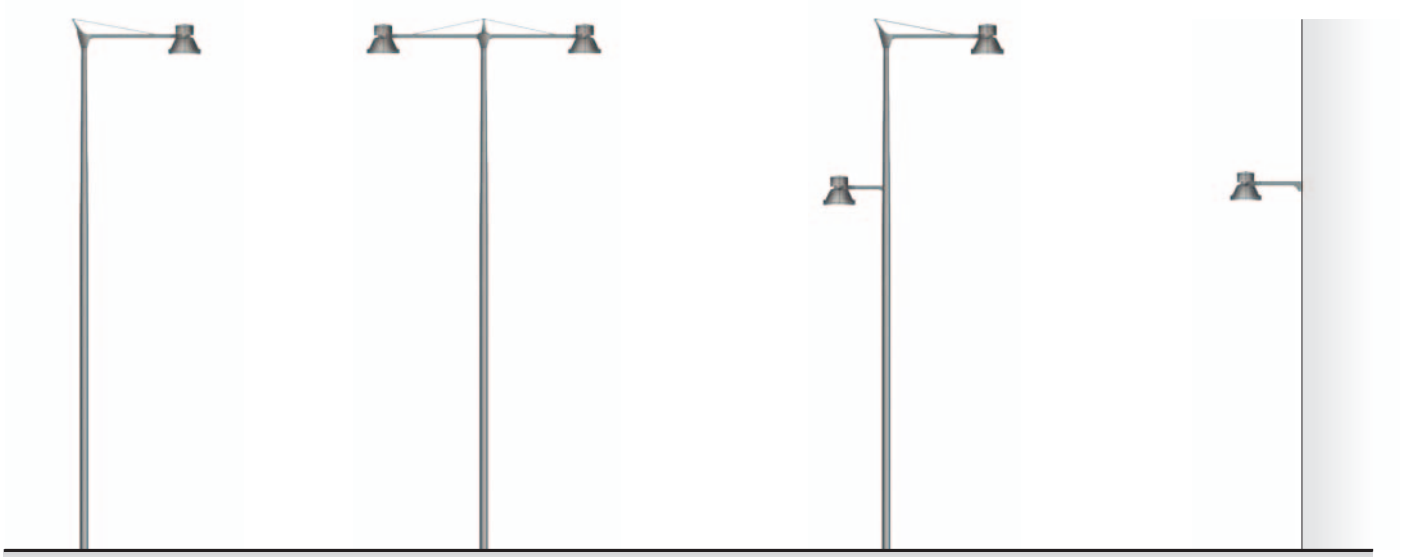


single arm
L=500

double arm
L=1000

single arm L=500
with intermediate

wall arm
L=460



single arm
L=1200

double arm
L=2400

single arm L=1200
with intermediate

wall arm
L=600

CityWoody

Features

IP67 IK08

- Street lighting systems for use with LEDs and discharge lamps.
- Pole or wall-mounted installation.
- Fitting has an optical assembly (MaxiWoody compact, small and medium body floodlight), pole, arm (single or double).
- Optical assembly and frame in aluminium alloy; sodium-calcium tempered sealing glass, thickness 4 mm, secured with captive screws; 50-60 Shore A silicone gasket; superpure aluminium reflector.
- The optical assembly is available in three sizes.
- The support arms are in 70 micron hot galvanized steel and available n different length both in the pole and the wall version; pole fixing with painted aluminium flange, the fixing system does not require any drilling of the pole.
- (Conical) poles are in galvanized steel, available in two different heights: 4 and 7 metres off ground.
- The driver allows the use of 3 fixed profiles (1/2/3) and one variable profile (4) for different output lumen levels and different powers.
  Profile 1 fixed to 350mA
  Profile 2 fixed to 450mA
  Profile 3 fixed to 525mA
  Profile 4 variable to 350mA
- No upward emission of the light flow.
- Adjustable optical assembly.
- Luminaire ready for pass-through wiring.
- All screws are A2 stainless steel.

Removable plate and captive screws

Decompression valve

Slots allowing rainwater to run off

Optics and lamps

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

E - Elliptical*

LED	26
HIT-CE	35W
TC-TEL	14 - 26W
HSE	70W

* Elliptical optic is obtained by installing the respective accessory.

- LED **Single Chip**
- Colour stability **Mac Adam <4**
- Life 63000 h **L90** Profile 1
- Color temperature: Neutral white **4000K** Warm white **3000K**

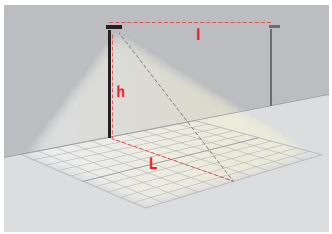
lumen lm	LED	HIT/HST		HME	
1570	18W	55W	68%	92W	81%
3180	30W	83W	63%	92W	68%

(4000K) LED energy saving compared with traditional lamps
The system life is calculated at Ambient Temperature (Ta) 25°C

CityWoody

15
GREY

Optics



d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

ST - Road optics

LED

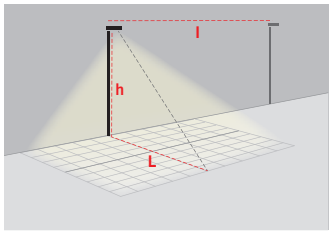
ST1
18 | 30W
l = 4h / d = 1
Glare Index: G4

ST1.2
39W
l = 4h / d = 1,2
Glare Index: G4

ST1C
18W
l = 3,7h / d = 1
Glare Index: G6

HST CPO-TW 60 | 140W
l = 4h / d = 1

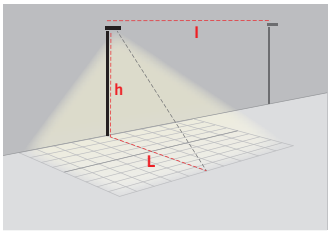
HIT-DE
HST-DE 70 | 150W
l = 3,9 / d = 1



d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

AL - Longitudinal Asymmetric optic

HIT-CE 35 | 70W
l = 5,1h / d = 1,2

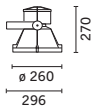
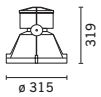


d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

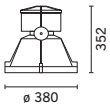
ALo - LED Longitudinal Asymmetric optic

LED 28W
l = 4,6h / d = 0,6

floodlight

	W	lm	light source	optic	code colour
compact 	28 W	2030	LED Single Chip Neutral white	32°	**6148** 15
	28 W	1760	LED Single Chip Warm white	32°	**6149** 15
	27 W	1980	LED Single Chip Neutral white	ALo	**6150** 15
	27 W	1980	LED Single Chip Warm white	ALo	**6151** 15
	35 W		HIT-CE (G12)	22°	**6137** 15
	35 W		HIT-CE (G12)	56°	**6138** 15
	35 W		HIT-CE (G12)	AL	**6139** 15
	70 W		HIT-CE (G12)	26°	**6141** 15
	70 W		HIT-CE (G12)	58°	**6142** 15
	70 W		HIT-CE (G12)	AL	**6143** 15
	14/17 W		TC-TEL (GR14q-1)	56°	**6144** 15
	26/32/42 W		TC-TEL (GX24q-3/4)	58°	**6145** 15
small 	42 W	3090	LED Single Chip Neutral white	30°	***BB30** 15
	42 W	2680	LED Single Chip Warm white	30°	***BB31** 15
	60 W		HIT-CE (PGZ12)	ST	**5617** 15
	70 W		HIT-CE (G12)	26°	**5676** 15
	70 W		HIT-CE (G12)	64°	**5615** 15
	70 W		HIT-CE-CE (Rx7s) HST-DE (Rx7s)	ST	**5685** 15

* Versions with bracket

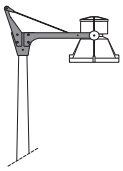
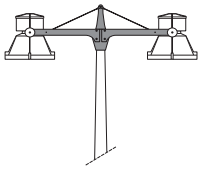
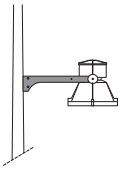
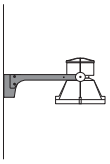
	W	lm	light source	optic	code colour
medium 	30 W	3180	LED Opti Smart Neutral white	ST1	**BV12** 15
	39 W	4120	LED Opti Smart Neutral white	ST1.2	**BV14** 15
	18 W	1570	LED Opti Smart Neutral white DALI	ST1C	**BV08** 15
	18 W	1570	LED Opti Smart Neutral white bi-energy	ST1C	**BV10** 15
	140 W		HIT-CE (PGZ12)	ST	**5621** 15
	150 W		HIT-CE (G12)	44°	**5619** 15
	150 W		HIT-DE-CE (Rx7s) HST-DE (Rx7s)	ST	**5683** 15

Available warm white versions

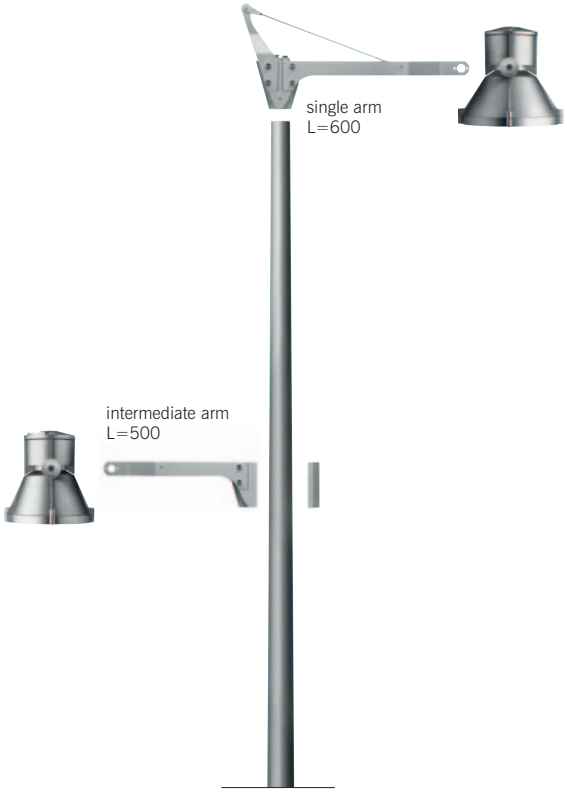
The MaxiWoody floodlights and the relative accessories are presented in the Floodlights section on page 560

CityWoody

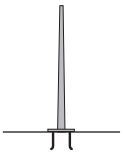
installation with arms

	length	code colour
single pole-top 	460	**6107** 15
	for compact floodlight	
	500	**5981** 15
	for small floodlight	
	600	**5985** 15
	1200	**5987** 15
	for medium floodlight	
double pole-top 	920	**6108** 15
	for compact floodlight	
	1000	**5982** 15
	for small floodlight	
	2400	**5989** 15
	for medium floodlight	
intermediate 	460	**6109** 15
	for compact floodlight	
	500	**5983** 15
	for small floodlight	
wall-mounted 	460	**6110** 15
	for compact floodlight	
	500	**5984** 15
	for small floodlight	
	600	**5994** 15
	for medium floodlight	

The intermediate arms can be installed on poles code 1281-1283 (at a height of 4 m off the ground)



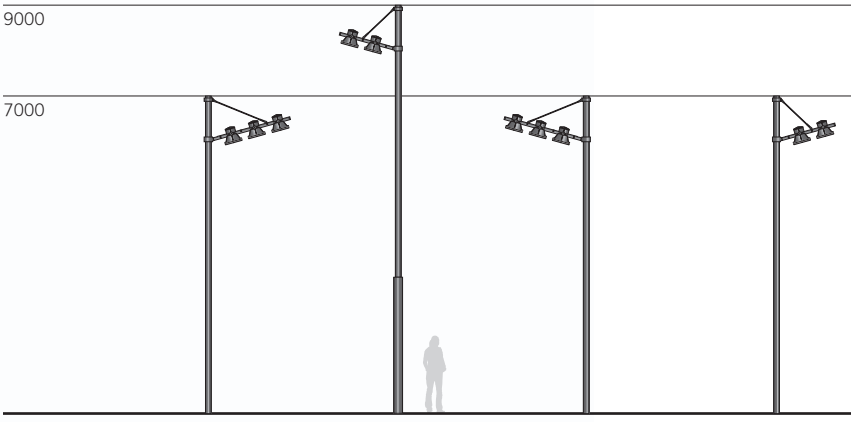
conical poles

	h off-ground	ø pole	code colour
buried	4000	106-60	**1275** 15
	7000	138-60	**1281** 15
with plate 	4000	100-60	**1278** 15
	7000	130-60	**1283** 15

The technical specifications of the poles are presented on page 489

FrameWoody

design Mario Cucinella



MaxiWoody
ø 315

MaxiWoody
ø 380

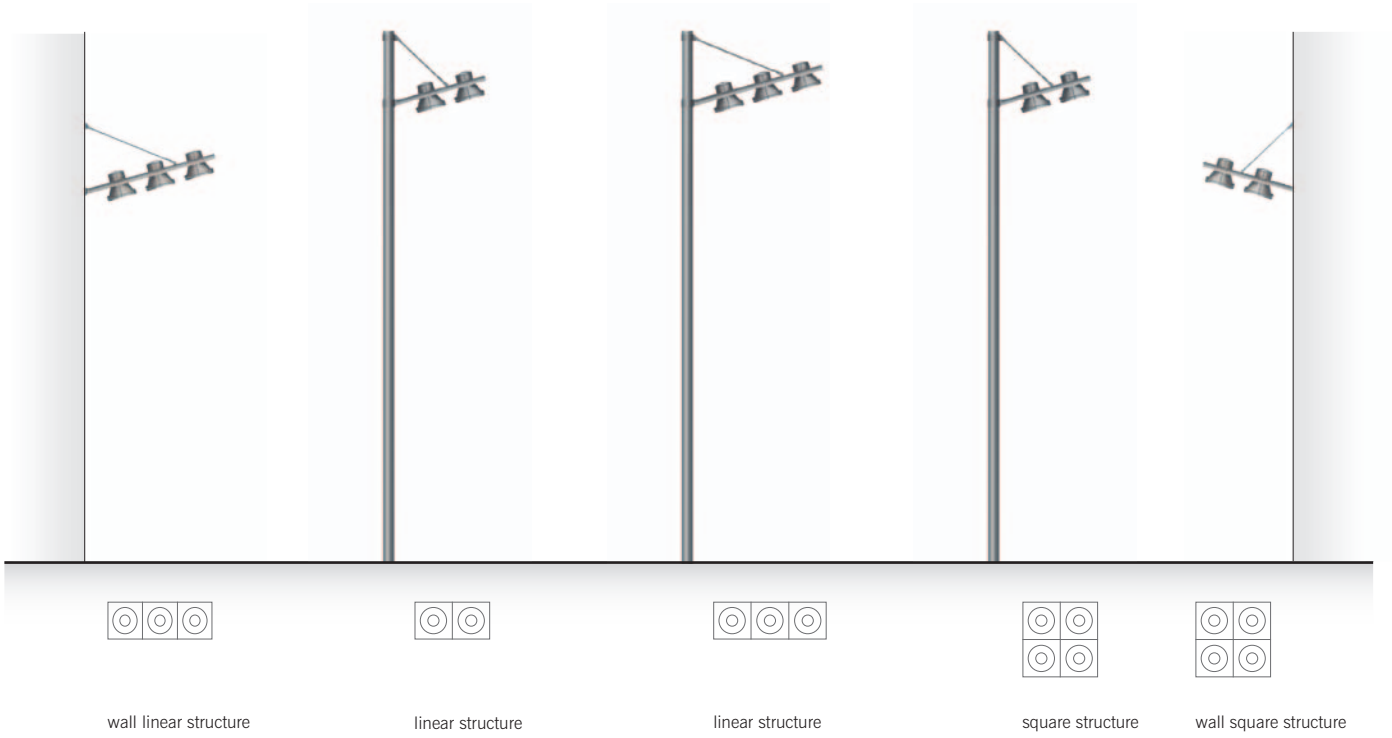
Monastery of the Trinitarian Friars
Bernalda, Italy

Architectural and lighting project:
Martino Bonifacio - Photo: Giuseppe Saluzzi

FrameWoody

Compositions

Linear and square structure



wall linear structure

linear structure

linear structure

square structure

wall square structure

Installation

The possibility of combining the structures with poles, optical assemblies and accessories makes for a highly flexible system.
The installation on square structures is compatible with the MaxiWoody floodlights with bracket, the linear structures with floodlights without bracket.

Linear structure

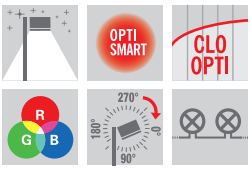
Square structure

FrameWoody

Features

IP67 IK08

- Street lighting systems for use with LEDs and discharge lamps.
- Pole or wall-mounted installation.
- Fitting has an optical assembly (MaxiWoody small and medium body floodlight), structure (linear or square) and pole.
- Optical assembly and frame in aluminium alloy; sodium-calcium tempered sealing glass, thickness 4 mm, secured with captive screws; 50-60 Shore A silicone gasket; superpure aluminium reflector.
- Made of S235JR UNI 10025 hot galvanized 70 micron steel, with a polyester powder-coating paint surface finish, sustained by stainless steel tie rods hooked to the pole with die-cast aluminium flanges with a phosphorus-chromium plating; available in a square version to hold floodlights equipped with support and a straight version for floodlights without rods.
- The driver allows the use of 3 fixed profiles (1/2/3) and one variable profile (4) for different output lumen levels and different powers.
  Profile 1 fixed to 350mA
  Profile 2 fixed to 450mA
  Profile 3 fixed to 525mA
  Profile 4 variable to 350mA
- No upward emission of the light flow.
- Adjustable optical assembly.
- Luminaire ready for pass-through wiring.
- All screws are A2 stainless steel.



Removable plate and captive screws

Decompression valve

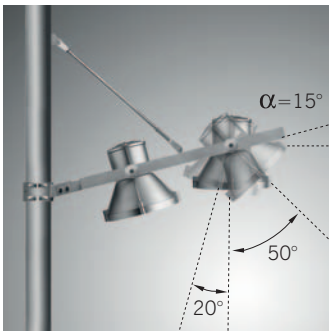
Slots allowing rainwater to run off

- **LED Single Chip**
- Colour stability **Mac Adam <4**
- Life 63000 h **L90** Profile 1
- Color temperature: Neutral white **4000K** Warm white **3000K**

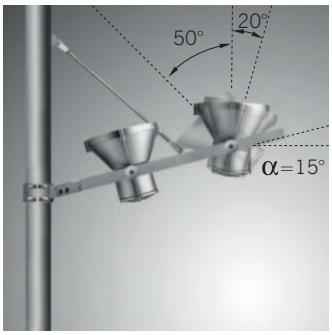
lumen lm	LED	HIT/HST		HME	
1570	18W	55W	68%	92W	81%
3180	30W	83W	63%	92W	68%

(4000K) LED energy saving compared with traditional lamps
The system life is calculated at Ambient Temperature (Ta) 25°C

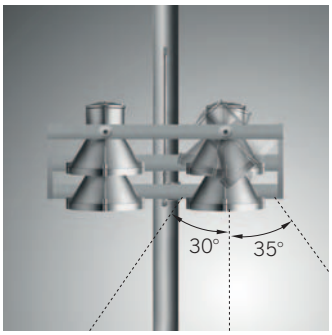
Rotation



Rotations on linear structure



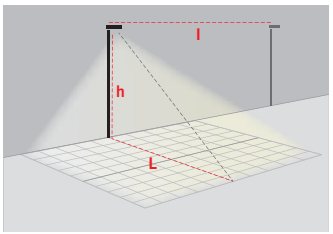
Rotations on square structure



Rotations on square structure

FrameWoody

Optics



d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

ST - Road optics

LED

OPTI SMART

ST1
18 | 30W
l = 4h / d = 1
Glare Index: G4

ST1.2
39W
l = 4h / d = 1,2
Glare Index: G4

ST1C
18W
l = 3,7h / d = 1
Glare Index: G6

HIT-CE CPO-TW 60 | 140W
l = 4h / d = 1

HIT-DE
HST-DE 70 | 150W
l = 3,9h / d = 1

Optics and lamps

SS - Superspot
α < 8°

S - Spot
α from 9° to 15

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

VWF - Very Wide Flood

E - Elliptical*

LED	26 - 39W
LED RGB	36W
HIT-CE	35 - 70 -150W
	250W
TC-TEL	14 - 17W

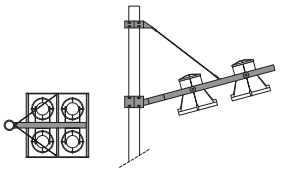
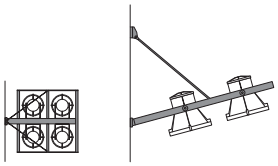
TC-TEL	26 - 32 - 42W
HIT	250 - 400W
HIE/C/M	70 - 150W
HIT-CE	70W
HIE	250 - 400W

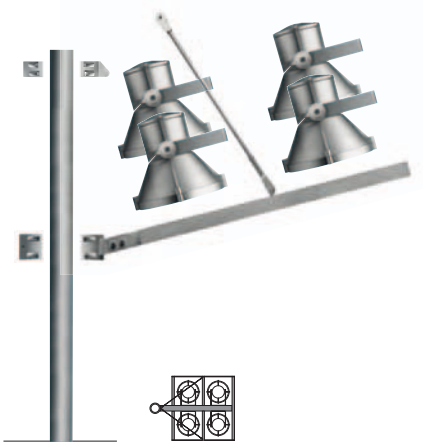
* Elliptical optic is obtained by installing the respective accessory.

FrameWoody

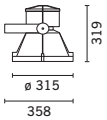
15
GREY

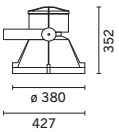
square structures for floodlights with bracket

		code colour
pole installation	4 floodlights small body	**5956** 15
	installation on poles h=7000	
	4 floodlights medium body	**5970** 15
	installation on poles h=9000	
wall installation	4 floodlights small body	**5965** 15
	4 floodlights medium body	**5978** 15



floodlight with bracket

	W	light source	optic	code colour
small	42 W 3090	LED Single Chip Neutral white	8°	**BB28** 15
	42 W 2680	LED Single Chip Warm white	8°	**BB29** 15
	42 W 3090	LED Single Chip Neutral white	30°	**BB30** 15
	42 W 2680	LED Single Chip Warm white	30°	**BB31** 15
	53 W 7300	LED COB Neutral white DALI	8°	**BV00** 15
	53 W 7000	LED COB Warm white DALI	8°	**BV01** 15
	53 W 7300	LED COB Neutral white DALI	30°	**BV02** 15
	53 W 7000	LED COB Warm white DALI	30°	**BV03** 15
	53 W 7300	LED COB Neutral white DALI	48°	**BV04** 15
	53 W 7000	LED COB Warm white DALI	48°	**BV05** 15
	60 W	HIT-CE (PGZ12)	ST	**5616** 15
	70 W	HIT-CE (G12)	6°	**5650** 15
	70 W	HIT-CE (G12)	26°	**5651** 15
	70 W	HIT-CE (G12)	64°	**5614** 15
	70 W	HIE/C (Osram) (E27) HIE/M (Osram) (E27)	6° 16°	**5652** 15
	70 W	HST (E27) HIT-CE (E27)	6°	**5653** 15
	70 W	HSE (E27) HIE-CE (E27)	28° 16°	**5654** 15
	70 W	HIT-DE-CE (Rx7s) HST-DE (Rx7s)	ST	**5684** 15

	W	light source	optic	code colour
medium	30 W 3180	LED Opti Smart Neutral white	ST1	**BV11** 15
	39 W 4120	LED Opti Smart Neutral white	ST1.2	**BV13** 15
	18 W 1570	LED Opti Smart Neutral white DALI	ST1C	**BV07** 15
	18 W 1570	LED Opti Smart Neutral white bi-energy	ST1C	**BV09** 15
	140 W	HIT-CE (PGZ12)	ST	**5620** 15
	150 W	HIT-CE (Osram) (G12) HIT-CE (G12)	6°	**5658** 15
	150 W	HIE/C (Sylvania) (E27) HIE/M (Sylvania) (E27)	6° 22°	**5660** 15
	150 W	HIT-CE (G12)	16°	**5659** 15
	150 W	HIT-CE (G12)	44°	**5618** 15
	150 W	HIT-DE-CE (Rx7s) HST-DE (Rx7s)	ST	**5666** 15

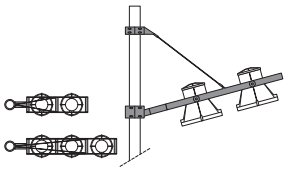
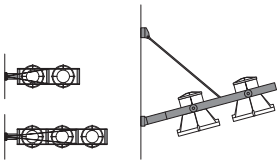
Available warm white versions

The MaxiWoody floodlights and the relative accessories are presented in the Floodlights section on page 560

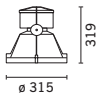
FrameWoody

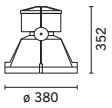
15
GREY

linear structures for floodlights without bracket

		code colour
pole installation	2 floodlights small body	**5960** 15
	3 floodlights small body	**5958** 15
	for installation on poles h=7000	
	2 floodlights medium body	**5974** 15
	3 floodlights medium body	**5972** 15
	for installation on poles h=9000	
wall installation	2 floodlights small body	**5968** 15
	3 floodlights small body	**5966** 15
	2 floodlights medium body	**5980** 15
	2 floodlights medium body	**5979** 15

floodlight without bracket

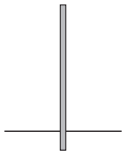
	W	light source	optic	code colour
small	60 W	HIT-CE (PGZ12)	ST	**5617** 15
	70 W	HIT-CE (G12)	26°	**5676** 15
	70 W	HIT-CE (G12)	64°	**5615** 15
	70 W	HIT-DE-CE (Rx7s) HST-DE (Rx7s)	ST	**5685** 15

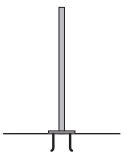
	W	lm	light source	optic	code colour
medium	30 W	3180	LED Opti Smart Neutral white	ST1	**BV12** 15
	39 W	4120	LED Opti Smart Neutral white	ST1.2	**BV14** 15
	18 W	1570	LED Opti Smart Neutral white DALI	ST1C	**BV08** 15
	18 W	1570	LED Opti Smart Neutral white bi-energy	ST1C	**BV10** 15
	140 W		HIT-CE (PGZ12)	ST	**5621** 15
	150 W		HIT-CE (G12)	44°	**5619** 15
	150 W		HIT-DE-CE (Rx7s) HST-DE (Rx7s)	ST	**5683** 15

Available warm white versions

The MaxiWoody floodlights and the relative accessories are presented in the Floodlights section on page 560

cylindrical poles

	h off-ground	ø pole	code colour
buried	7000	120	**1287** 15
	9000	120	**1274** 15
	9000	194/120	**1288** 15

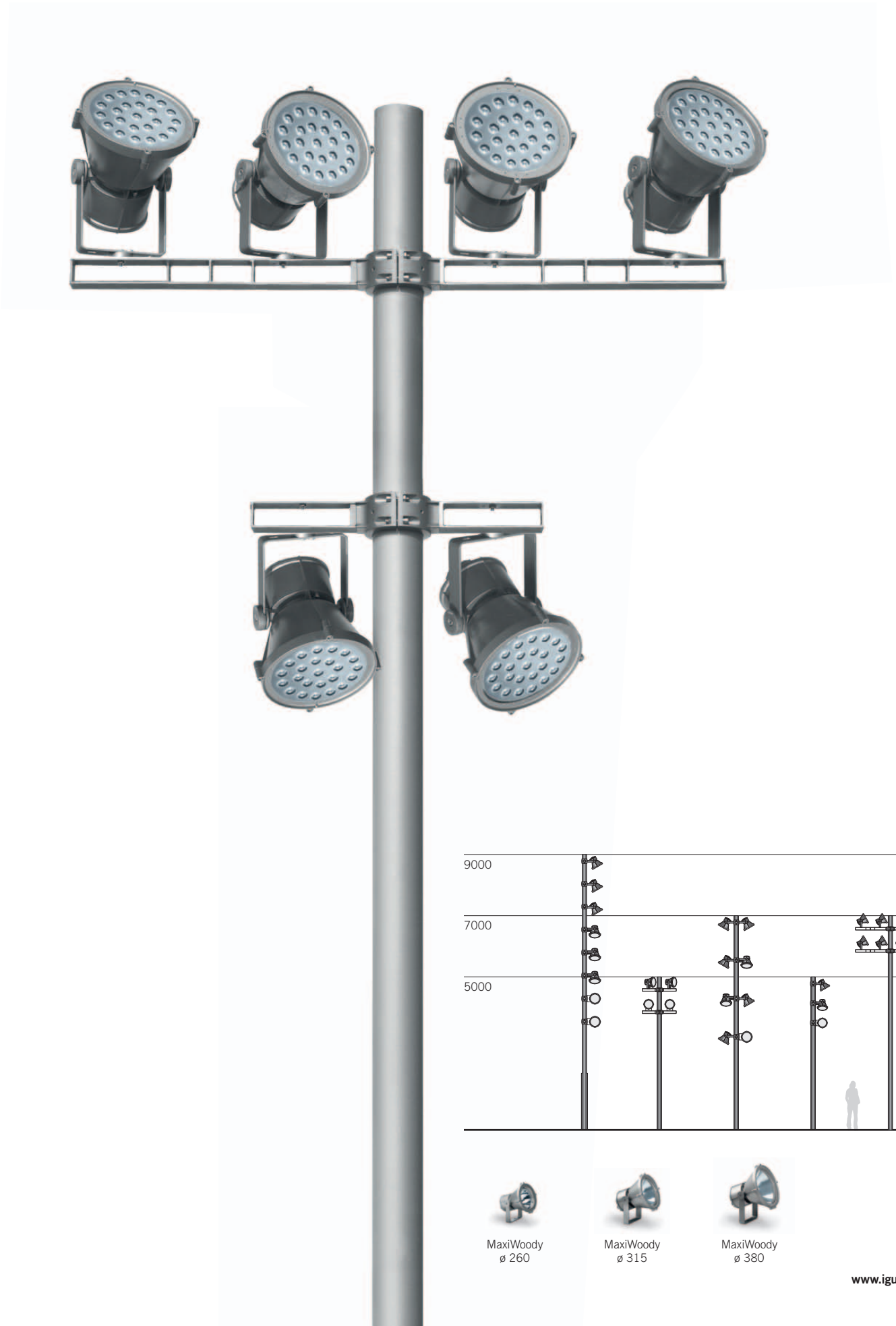
	h off-ground	ø pole	code colour
with plate	7000	120	**1289** 15
	9000	194/120	**1290** 15

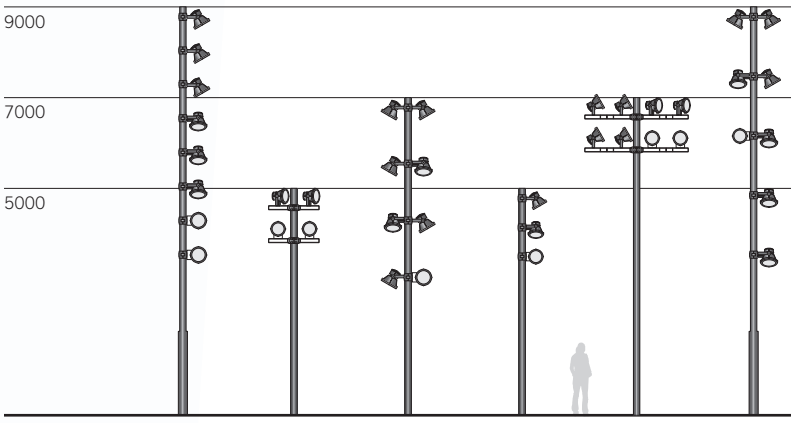
The technical specifications of the poles are presented on page 489

		code colour
branch box		**1880** 15
	For multiple wiring fitted on a pole	

MultiWoody

design Mario Cucinella





MaxiWoody
ø 260

MaxiWoody
ø 315

MaxiWoody
ø 380

MultiWoody

Compositions

Flanges and supports

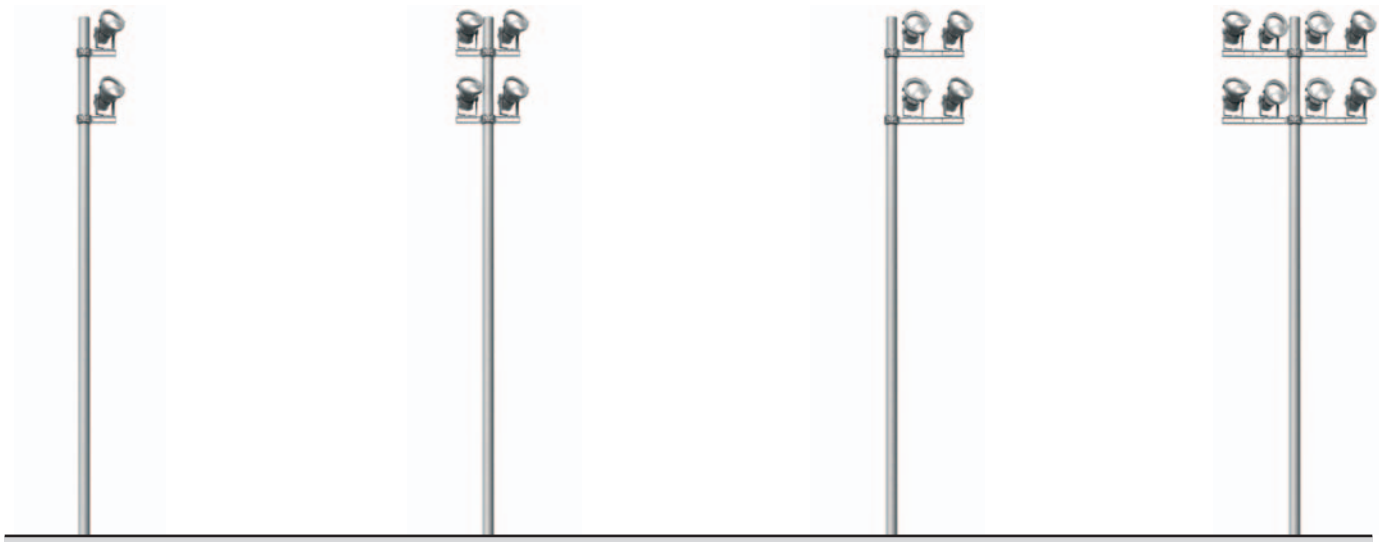
multiple support for 2 floodlights

single flange

double flange

multiple support for 3 floodlights

Horizontal arms



arms for 1 floodlight single installation

arms for 1 floodlight double installation

arms for 2 floodlights single installation

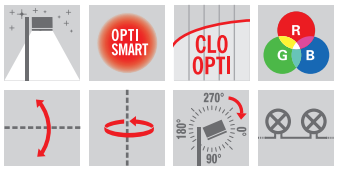
arms for 2 floodlights double installation

MultiWoody

Features

IP67 IK08

- Street lighting systems for use with LEDs and discharge lamps.
- Pole or wall-mounted installation.
- Fitting has an optical assembly (MaxiWoody compact, small and medium body floodlight), arm (single or double) and pole.
- Optical assembly and frame in aluminium alloy; sodium-calcium tempered sealing glass, thickness 4 mm, secured with captive screws; 50-60 Shore A silicone gasket; superpure aluminium reflector.
- The support arms are in 70 micron hot galvanized steel and available in different length both in the pole and the wall version; pole fixing with painted aluminium flange, the fixing system does not require any drilling of the pole.
- (Conical) poles are in galvanized steel, available in two different heights: 4 and 7 metres off ground.
- The driver allows the use of 3 fixed profiles (1/2/3) and one variable profile (4) for different output lumen levels and different powers.
  Profile 1 fixed to 350mA
  Profile 2 fixed to 450mA
  Profile 3 fixed to 525mA
  Profile 4 variable to 350mA
- No upward emission of the light flow.
- Adjustable optical assembly.
- Luminaire ready for pass-through wiring.
- All screws are A2 stainless steel.

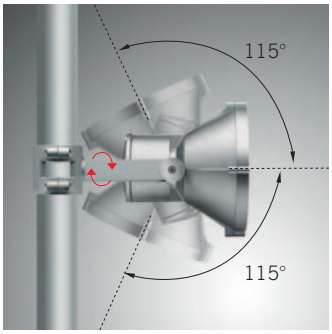


Removable plate and captive screws

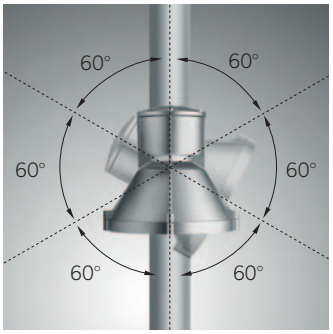
Decompression valve

Slots allowing rainwater to run off

Rotation



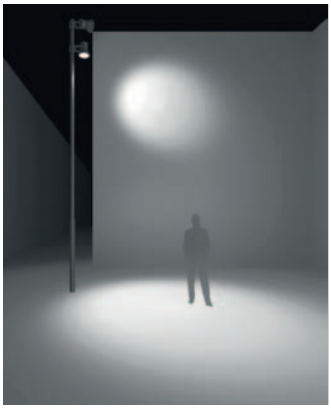
Floodlight-bracket rotation

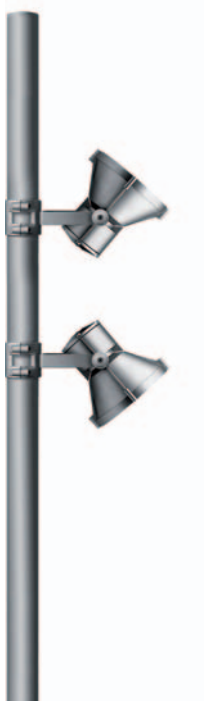


Bracket rotation by 60° steps

Light distribution

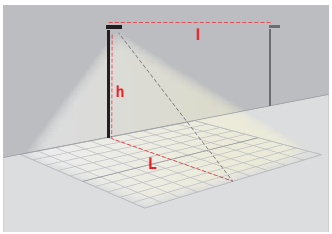
The MultiWoody system, thanks to the double adjustability of the floodlights and the installation flexibility, allows both horizontal surfaces (streets, squares, car parks) and vertical surfaces (facings, monuments, architectonic details) to be illuminated at the same time.


Horizontal and vertical lighting



MultiWoody

Optics



d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

ST - Road optics

LED

OPTI SMART

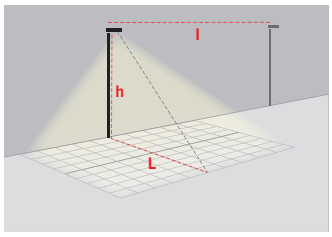
ST1
18 | 30W
l = 4h / d = 1
Glare Index: G4

ST1.2
39W
l = 4h / d = 1,2
Glare Index: G4

ST1C
18W
l = 3,7h / d = 1
Glare Index: G6

HST CPO-TW
60 | 140W
l = 4h / d = 1

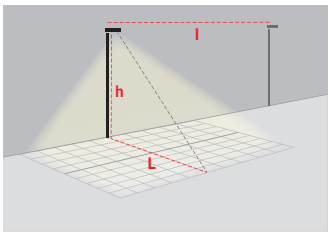
HIT-DE
HST-DE
70 | 150W
l = 3,9 / d = 1



d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

AL - Longitudinal Asymmetric optic

HIT-CE
35 | 70W
l = 5,1h / d = 1,2



d = **L/h**
h = Installation height
L = Width of area to be lit
l = Spacing between poles

ALo - LED Longitudinal Asymmetric optic

LED
28W
l = 4,6h / d = 0,6

Optics and lamps

SS - Superspot
α < 8°

S - Spot
α from 9° to 15

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

E - Elliptical*

LED	26 - 39W
LED RGB	36W
HIT-CE	35 - 70 -150W
	250W
TC-TEL	14 - 17W

TC-TEL	26 - 32 - 42W
HIT	250 - 400W
HIE/C/M	70 - 150W
HIT-CE	70W
HIE	250 - 400W

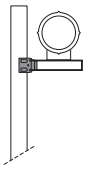
* Elliptical optic is obtained by installing the respective accessory.

MultiWoody

15
GREY

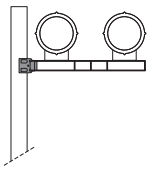
installation on poles with arms

	length	ø pole	code colour
arm for 1 floodlight	400	120	**6113** 15
	390	102	**6116** 15



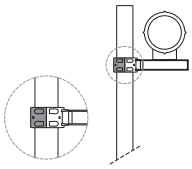
The counter flange must be ordered, to secure the arm to the pole.

arm for 2 floodlights	795	120	**6114** 15
	785	102	**6117** 15



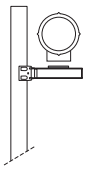
The counter flange must be ordered, to secure the arm to the pole.

counter flange	178	120	**6115** 15
	160	102	**6118** 15

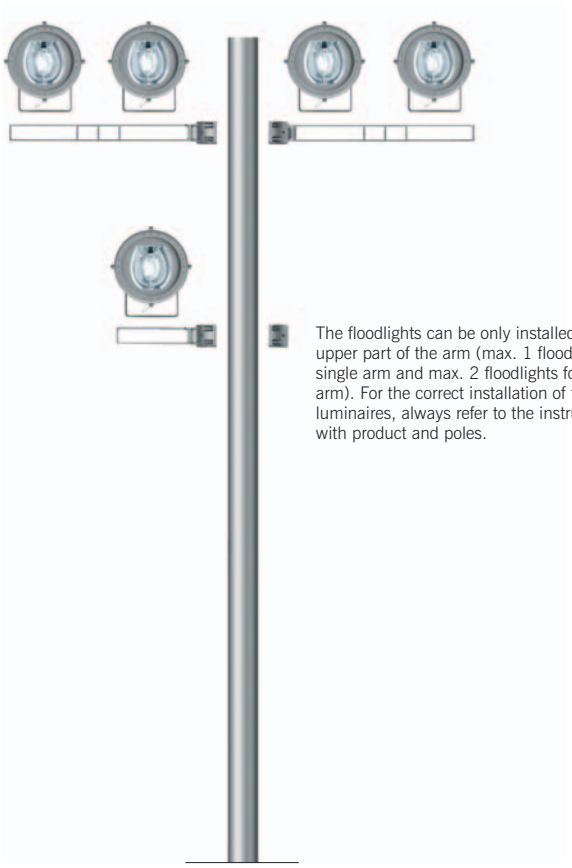


To be ordered to secure the single arm to the pole. Not required when installing two opposite arms.

adapter disk			**6119** 15



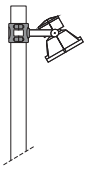
Allows for complete rotation of floodlight on horizontal arm



The floodlights can be only installed in the upper part of the arm (max. 1 floodlight for single arm and max. 2 floodlights for double arm). For the correct installation of the luminaires, always refer to the instructions with product and poles.

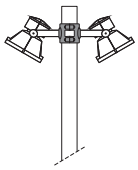
installation on poles with flanges

	ø pole	code colour
flange for 1 floodlight	102	**6111** 15
	120	**6012** 15
	120	***6173** 15

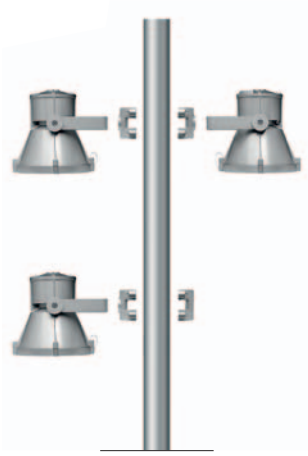


* For mounting the Maxiwoody large body floodlight with the reinforcement bracket code. **6175**.

flange for 2 floodlights	102	**6112** 15
	120	**6013** 15
	120	***6174** 15



* For mounting 2 Maxiwoody large body floodlights with the reinforcement bracket code. **6175**.

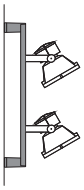


The MaxiWoody floodlights and the relative accessories making up the system are presented in the Floodlights section on page 560.

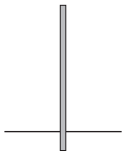
MultiWoody

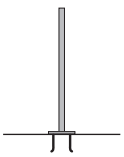
15
GREY

wall-mounted installation

		code colour
multiple support for 2 floodlights		**6014** 15
multiple support for 3 floodlights		**6015** 15

cylindrical poles

	h off-ground	ø pole	code colour
buried 	5000	102	**1205** 15
	5000	120	**1291** 15
	6000	102	**1542** 15
	6000	159/102	**1561** 15
	7000	102	**1543** 15
	7000	120	**1287** 15
	7000	159/102	**1562** 15
	8000	127/102	**1544** 15
	8000	159/102	**1565** 15
	9000	194/120	**1288** 15
	9000	194/120	**1545** 15
	10000	194/120	**1546** 15
	12000	194/120	**1552** 15

	h off-ground	ø pole	code colour
with plate 	5000	120	**1292** 15
	6000	159/102	**1597** 15
	7000	159/102	**1598** 15
	8000	159/102	**1599** 15
	9000	194/120	**1547** 15
	10000	194/120	**1548** 15
	12000	194/120	**1554** 15

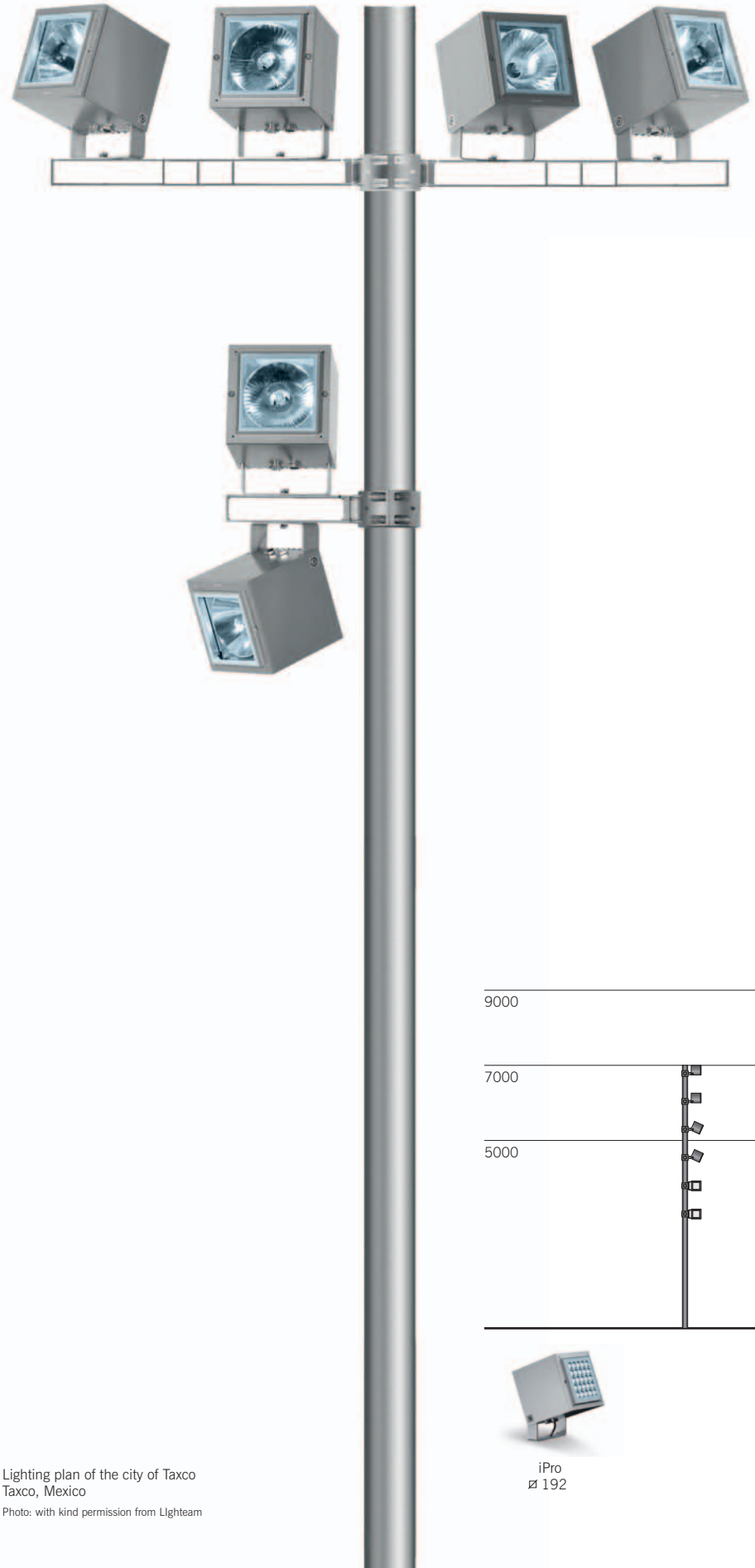
The technical specifications of the poles are presented on page 489

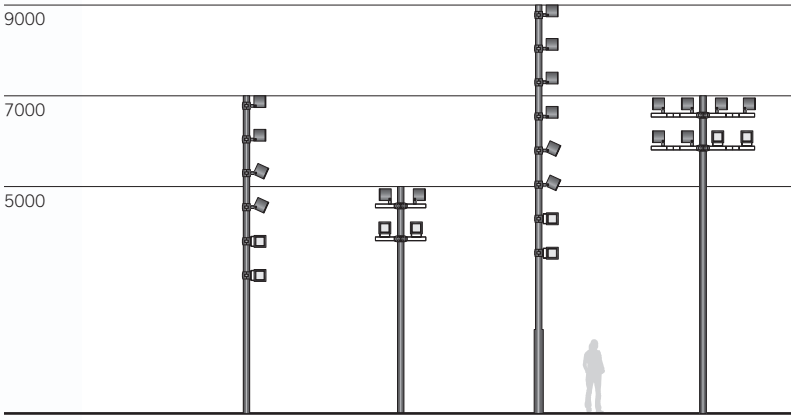
		code colour
branch box	For multiple wiring fitted on a pole	**1880** 00

Puerta de Alcalá - Madrid, Spain
Architectural project: Eslava y Tejada - Photo: Josè Hevia

MultiPro

design Mario Cucinella





iPro
⧄ 192

Lighting plan of the city of Taxco
Taxco, Mexico

Photo: with kind permission from LIghteam

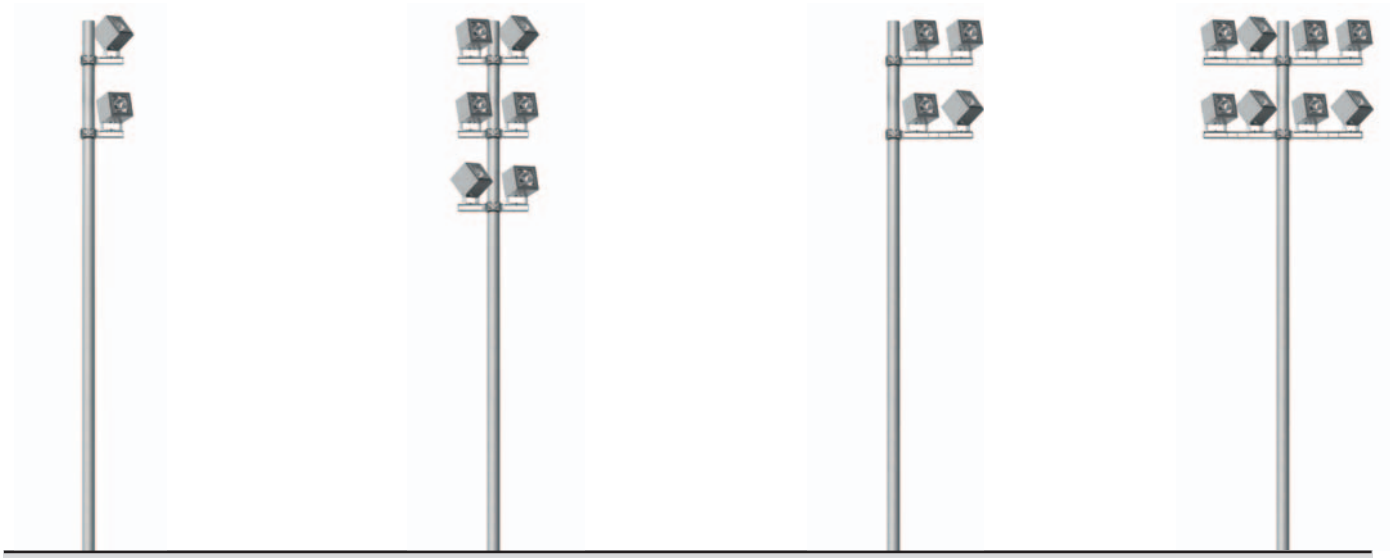
MultiPro

Compositions

Flanges and supports

multiple support for 2 floodlights | single flange | double flange | multiple support for 3 floodlights

Horizontal arms



arms for 1 floodlight single installation | arms for 1 floodlight double installation | arms for 2 floodlights single installation | arms for 2 floodlights double installation

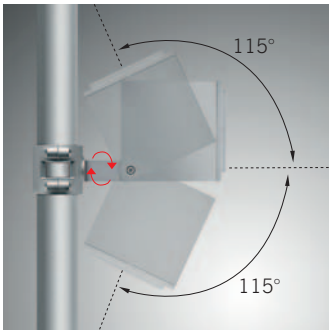
MultiPro

Features

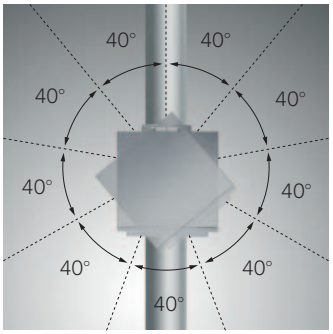
IP66 IK07

- Street lighting system for use with metal halide and sodium discharge lamps.
- Pole or wall-mounted installation.
- Fitting has an optical assembly (iPro large body), component-holding box and adjustable bracket.
- Optical assembly and front frame made of die-cast aluminium alloy; transparent sodium-calcium tempered sealing glass, thickness 5 mm, siliconed to frame; the frame is fitted to the optical assembly with two M5 captive screws and galvanized steel retention cable.
- Circular and asymmetrical longitudinal reflectors made of 99.93% superpure aluminium subjected to anodic oxidation process and polishing; asymmetrical transversal reflector made of 99.85% superpure aluminium subjected to anodic oxidation process.
- Extruded aluminium bracket with silk-screened graduated scale on both sides (easy aiming).
- No upward emission of the light flow.
- Adjustable optical assembly.
- Luminaire ready for pass-through wiring.
- Class II luminaire, set up for class I.
- All screws are A2 stainless steel.

Rotation



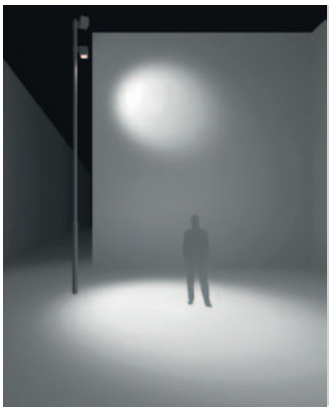
Floodlight-bracket rotation



Bracket rotation by 40° steps

Light distribution

The MultiPro system, thanks to the double adjustability of the floodlights and the installation flexibility, allows both horizontal surfaces (streets, squares, car parks) and vertical surfaces (facings, monuments, architectonic details) to be illuminated at the same time.


Horizontal and vertical lighting

MultiPro

Optics and lamps

SS - Superspot
α < 8°

S - Spot
α from 9° to 15

F - Flood
α from 26° to 39°

E - Elliptical*

AL - Longitudinal asymmetric

AT - Transversal asymmetric

LED	27W
HIT-CE	70 -150W
HIT-DE-CE	70 - 150W
HST-DE	150W

* Elliptical optic is obtained by installing the respective accessory.

- **LED Single Chip**
- Colour stability **Mac Adam <4**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	HIT-CE	ENERGY SAVING
2430	27W	35W	23%

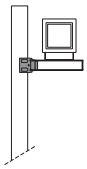
(4000K) LED energy saving compared with traditional lamps

MultiPro

15
GREY

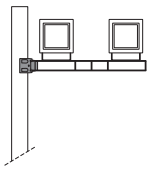
installation on poles with arms

	length	ø pole	code colour
arm for 1/2 floodlights	400	120	**6113** 15
	390	102	**6116** 15



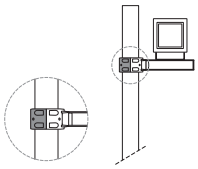
The counter flange must be ordered, to secure the arm to the pole.

arm for 2/4 floodlights	795	120	**6114** 15
	785	102	**6117** 15



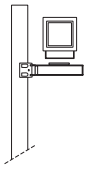
The counter flange must be ordered, to secure the arm to the pole.

counter flange	178	120	**6115** 15
	160	102	**6118** 15

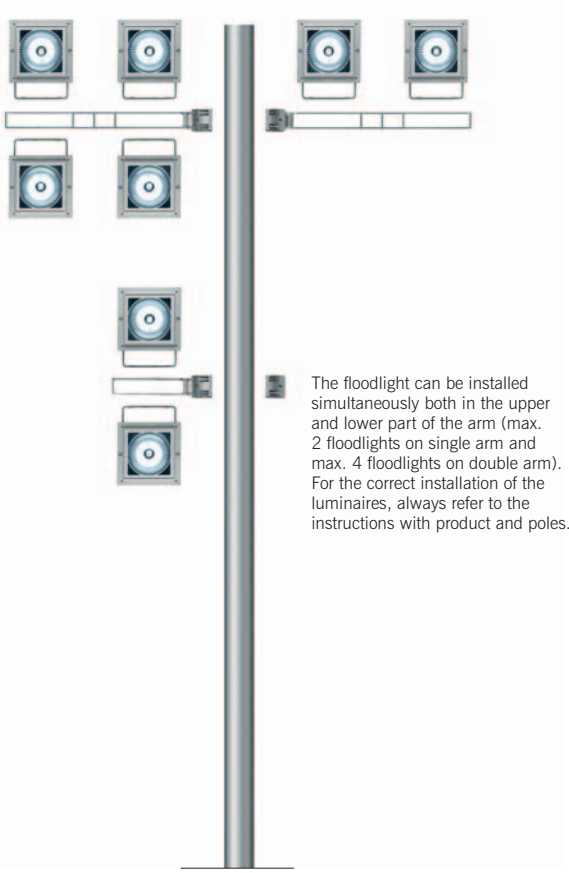


To be ordered to secure the single arm to the pole. Not required when installing two opposite arms.

adapter disk			**6119** 15



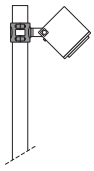
Allows for complete rotation of floodlight on horizontal arm



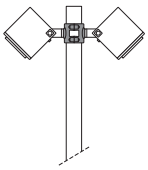
The floodlight can be installed simultaneously both in the upper and lower part of the arm (max. 2 floodlights on single arm and max. 4 floodlights on double arm). For the correct installation of the luminaires, always refer to the instructions with product and poles.

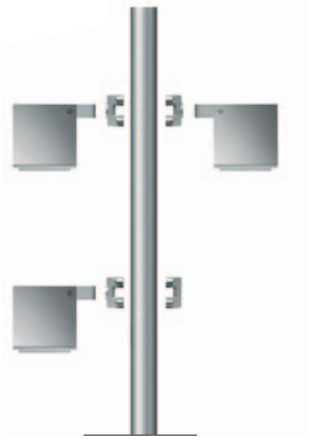
installation on poles with flanges

	ø pole	code colour
flange for 1 floodlight	120	**6012** 15
	102	**6111** 15



flange for 2 floodlight	120	**6013** 15
	102	**6112** 15



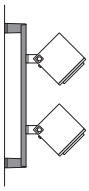
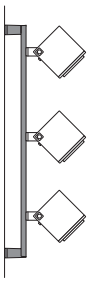
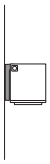
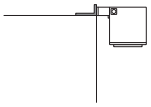


The iPro floodlights and the relative accessories making up the system are presented in the Floodlights section on page 542

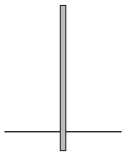
MultiPro

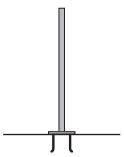
15
GREY

wall-mounted installation

		code colour
multiple support for 2 floodlights		**6014** 15
multiple support for 3 floodlights		**6015** 15
wall-mounted base		**BZM5** 01-15
L-shaped bracket	 For installation on cornices	**BZ91** 15

cylindrical poles

	h off-ground	ø pole	code colour
buried 	5000	102	**1205** 15
	5000	120	**1291** 15
	6000	102	**1542** 15
	6000	159/102	**1561** 15
	7000	102	**1543** 15
	7000	120	**1287** 15
	7000	159/102	**1562** 15
	8000	127/102	**1544** 15
	8000	159/102	**1565** 15
	9000	194/120	**1288** 15
	9000	194/120	**1545** 15

	h off-ground	ø pole	code colour
with plate 	5000	120	**1292** 15
	6000	159/102	**1597** 15
	7000	159/102	**1598** 15
	8000	159/102	**1599** 15
	9000	194/120	**1547** 15

The technical specifications of the poles are presented on page 489

		code colour
branch box	For multiple wiring fitted on a pole	**1880** 00

Sacred Monastery of Assisi - Assisi (PG), Italy
Photo: Luca Petrucci

Poles

Cylindrical poles **490**

Cylindrical poles with shank **491**

Tapered poles **492**

Conical poles **493**

Conical curved poles **494**

Poles with curved arm **495**

Poles with arm for iRoad System **496**

Accessories for poles **497**

Promenade David Ferrer - Xabia, Spain
Architectural project: Emilio Vicedo Ortiz, Manuel Lillo Navarro - Photo: 274km

Cylindrical poles

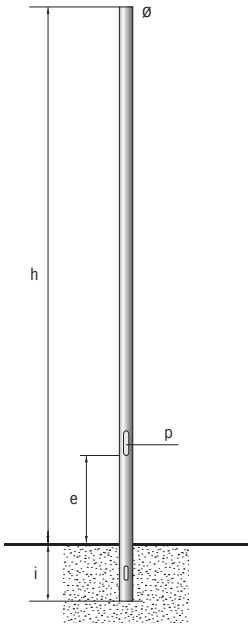
04 BLACK

15 GREY

Features

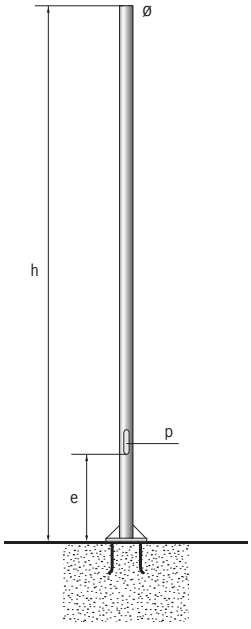
- Poles made of EN10025-S235JR or EN10025-S355JR 70 micron hot galvanized steel in compliance with UNI EN ISO 1461 (EN40-5).
- Powder-coating paint surface finish.
- The pole has a cylindrical cross-section with a 76/102/120 mm diameter.
- The upper part of the poles (code 1542-1543) is provided with six through holes and stainless steel threaded inserts for arm fixing with tie rod (for the Lavinia and Cut-Off systems).
- In poles (code 1274-1287-1291) used for the application of MultiWoody, MultiPro and FrameWoody Systems there are six through holes with rubber closure cap for the passage of the cables.
- In poles (code 2510-2511-2512-2513) there are four through holes with threaded inserts for the installation of the iRoll 65 System.
- Cable entry slot 150x50 mm or 62x42 mm.
- Anchoring plate made of 70 micron hot galvanized steel, with 4 slots/holes.
- Anchor bolts and plate (to be ordered separately).
- 4-pole terminal block with three connections for each pole and single or double integrated fuse; designed for 16 mm^2 feed cables and 2,5 mm^2 exit cables.
- Suitable for Italian/French/Spanish, English (with wooden adaptor to be ordered separately) and German/Swiss (with DIN guide to be ordered separately) terminal boards. Refer to the instructions sheet for the reference codes.
- Protruding lids IP54 132x38 mm and 186x45 mm with external grounding.
- Flush lid IP44 310x95 mm with internal grounding.
- Terminal block: IP43 IK08 (1862-1864-1865), IP44 IK08 (1863).

Customised poles for each European market



buried pole

diameter pole (ø)	off-ground height (h)	in-ground height (i)	thickness	weight (kg)	dimensions lid (p)	h from the ground lid (e)	pole code	pole colour	terminal block code	lid key code
76	4000	600	3	26	132x38	1000	**1271**	15	**1864**	**0227**
	4000	600	3	26	132x38	1000	**2510**	15	**1864**	**0227**
102	3500	500	3	30	186x45	1064	**1203**	04-15	**1862-1865**	**0227**
	5000	600	3	43	186x45	1064	**1205**	04-15	**1862-1865**	**0227**
	5000	600	3	43	186x45	1064	**2512**	15	**1862-1865**	**0227**
	6000	800	4	66	186x45	1000	**1542**	04-15	**1862-1865**	**0227**
	7000	1000	4	78	186x45	1000	**1543**	04-15	**1862-1865**	**0227**
120	5000	600	3	52	310x95	1000	**1291**	15	**1863**	**0246**
	7000	1000	4	97	310x95	1000	**1287**	15	**1863**	**0246**
	9000	1000	4	120	186x45	1000	**1274**	15	**1862-1865**	**0227**



pole with plate

diameter pole (ø)	height (h)	thickness	weight (kg)	dimensions lid (p)	h from the ground lid (e)	pole code	pole colour	fixing plate code	terminal block code	lid key code
76	4000	3	33	132x38	1000	**1272**	15	**1168**	**1864**	**0227**
	4000	3	33	132x38	1000	**2511**	15	**1168**	**1864**	**0227**
102	5000	3	49	186x45	1000	**1344**	04-15	**1168**	**1862-1865**	**0227**
	5000	3	49	186x45	1000	**2513**	15	**1168**	**1862-1865**	**0227**
120	5000	3	55	310x95	1000	**1292**	15	**1168**	**1863**	**0246**
	7000	4	93	310x95	1000	**1289**	15	**0453**	**1863**	**0246**

Cylindrical poles with shank

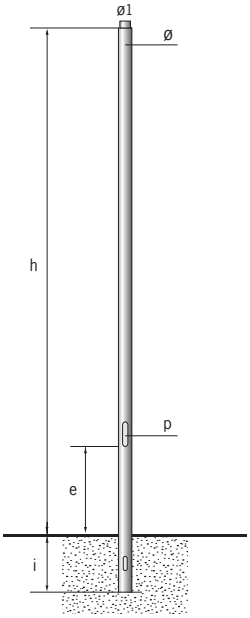
04 BLACK

15 GREY

Features

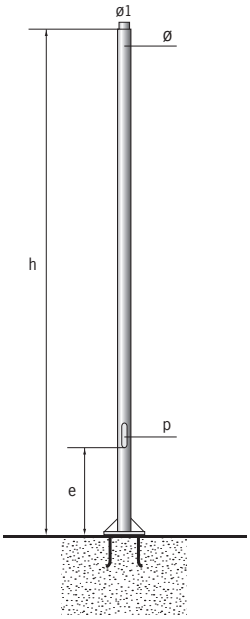
- Poles made of EN10025-S235JR or EN10025-S355JR 70 micron hot galvanized steel in compliance with UNI EN ISO 1461 (EN40-5).
- Powder-coating paint surface finish.
- The pole has a cylindrical crosssection with 102 mm diameter (shank ø 76 mm) or 120 mm diameter (shank ø 102 mm).
- 3 mm thickness (poles 1523-1555 with 4 mm thickness).
- In poles (code 2514-2515-2516 2518-2519-2520) there are four through holes with threaded inserts for the installation of the iRoll 65 System.
- Cable entry slot 150x50 mm.
- Anchoring plate made of 70 micron hot galvanized steel, with 4 slots.
- Anchor bolts and plate (to be ordered separately).
- 4-pole terminal block with three connections for each pole and single or double integrated fuse; designed for 16 mm^2 feed cables and 2,5 mm^2 exit cables.
- Suitable for Italian/French/Spanish, English (with wooden adaptor to be ordered separately) and German/ Swiss (with DIN guide to be ordered separately) terminal boards. Refer to the instructions sheet for the reference codes.
- Protruding lid IP54 186x45 mm with external grounding.
- Flush lid IP44 410x95 mm with internal grounding.
- Terminal block IP43 IK08 (1862-1865), IP44 IK08 (1863).

Customised poles for each European market



buried pole

diameter pole (ø)	shank diameter (ø1)	off-ground height (h)	in-ground height (i)	thickness	weight (kg)	dimensions lid (p)	h from the ground lid (e)	pole code	pole colour	terminal block code	lid key code
102	76	6000	800	3	51	186x45	1000	**1518**	04-15	**1862-1865**	**0227**
		6000	800	3	51	186x45	1000	**2514**	15	**1862-1865**	**0227**
120	102	6000	800	3	61	410x95	1000	**2516**	15	**1863**	**0246**
		7000	1000	3	72	186x45	1000	**1519**	04-15	**1862-1865**	**0227**
		7000	1000	3	72	186x45	1000	**2518**	15	**1862-1865**	**0227**
		7000	1000	3	72	410x95	1000	**2520**	15	**1863**	**0246**
		8000	1000	3	80	186x45	1000	**1520**	04-15	**1862-1865**	**0227**



pole with plate

diameter pole (ø)	shank diameter (ø1)	height (h)	thickness	weight (kg)	dimensions lid (p)	h from the ground lid (e)	pole code	pole colour	fixing plate code	terminal block code	lid key code
120	102	6000	3	78	410x95	1000	**1521**	04-15	**1165**	**1863**	**0246**
		6000	3	78	410x95	1000	**2515**	15	**1165**	**1863**	**0246**
		7000	3	87	410x95	1000	**1522**	04-15	**1165**	**1863**	**0246**
		7000	3	87	410x95	1000	**2519**	15	**1165**	**1863**	**0246**
		8000	4	118	410x95	1000	**1523**	04-15	**1165**	**1863**	**0246**

Tapered poles

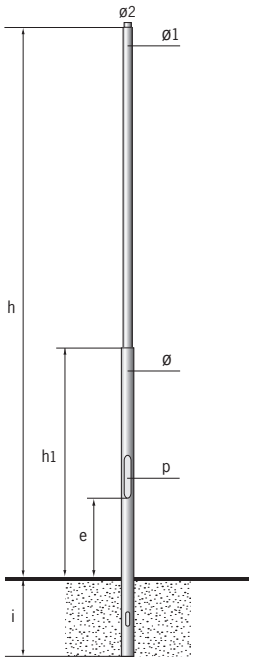
04 BLACK

15 GREY

Features

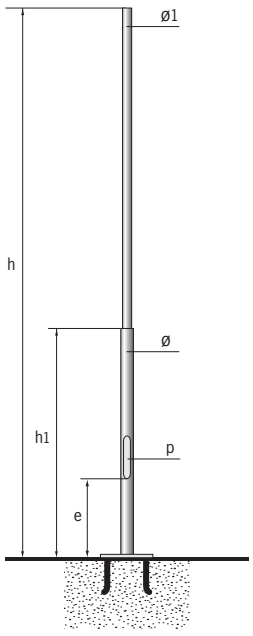
- Poles made of EN10025-S235JR or EN10025-S355JR 70 micron hot galvanized steel in compliance with UNI EN ISO 1461 (EN40-5).
- Powder-coating paint surface finish.
- The pole is made of two cylindrical sections with 102/127 mm, 159/102 mm and 194/120 mm diameter.
- The upper part of the poles (code 1544-1545-1546-1547-1548-1552-1554-1561-1562-1565-1597-1598-1599) is provided with six through holes and stainless steel threaded inserts for arm fixing with tie rod (for the Lavinia and Cut-Off systems).
- In poles (code 2517-2521) there are four through holes with threaded inserts for the installation of the iRoll 65 System.
- Cable entry slot 150x50 mm.
- Anchoring plate made of 70 micron hot galvanized steel, with 4 slots/holes.
- Anchor bolts and plate (to be ordered separately).
- 4-pole terminal block with three connections for each pole and single or double integrated fuse; designed for 16 mm² feed cables and 2,5 mm² exit cables.
- Suitable for Italian/French/Spanish, English (with wooden adaptor to be ordered separately) and German/Swiss (with DIN guide to be ordered separately) terminal boards. Refer to the instructions sheet for the reference codes.
- Protruding lid IP54 186x45 mm with external grounding.
- Flush lids IP44 310x95 mm and IP3X 400x90 mm with internal grounding.
- Terminal block IP43 IK08 (1862-1865), IP44 IK08 (1863).

EU Customised poles for each European market



buried tapered pole

diameter pole (ø/ø1)	shank diameter (ø2)	off-ground height (h)	height (h1)	in-ground height (i)	thickness (ø/ø1)	weight (kg)	dimensions lid (p)	h from the ground lid (e)	pole		terminal block code	lid key code
									code	colour		
127/102		8000	3000	1000	4/4	102	186x45	1000	**1544**	04-15	**1862-1865**	**0227**
159/102		6000	2000	1000	3/3	78	310x95	1000	**1561**	04-15	**1863**	**0246**
	76	6000	2000	1000	3/3	87	310x95	1000	**2517**	15	**1863**	**0246**
		7000	2000	1000	4/3	97	310x95	1000	**1562**	04-15	**1863**	**0246**
	76	7000	2000	1000	3/3	94	310x95	1000	**2521**	15	**1863**	**0246**
		8000	2000	1000	4/4	124	310x95	1000	**1565**	04-15	**1863**	**0246**
194/120		9000	3200	1000	4/3	152	310x95	1000	**1288**	15	**1863**	**0246**
		9000	3200	1000	4/3	152	310x95	1000	**1545**	04-15	**1863**	**0246**
		10000	3200	1000	4/3	164	310x95	1000	**1546**	04-15	**1863**	**0246**
		12000	5200	800	4/4	212	400x90	600	**1552**	04-15	**1863**	**0246**



tapered pole with plate

diameter pole (ø/ø1)	height (h)	height (h1)	thickness (ø/ø1)	weight (kg)	dimensions lid (p)	h from the ground lid (e)	pole		fixing plate code	terminal block code	lid key code
							code	colour			
159/102	6000	2000	3/3	91	310x95	1000	**1597**	04-15	**1165**	**1863**	**0246**
	7000	2000	4/3	111	310x95	1000	**1598**	04-15	**1165**	**1863**	**0246**
	8000	3000	4/4	133	310x95	1000	**1599**	04-15	**1165**	**1863**	**0246**
194/120	9000	3200	4/3	163	310x95	1000	**1547**	04-15	**1165**	**1863**	**0246**
	9000	3200	4/3	163	310x95	1000	**1290**	15	**1165**	**1863**	**0246**
	10000	3200	4/3	174	310x95	1000	**1548**	04-15	**1165**	**1863**	**0246**
	12000	5200	4/4	222	400x90	600	**1554**	04-15	**1164**	**1863**	**0246**

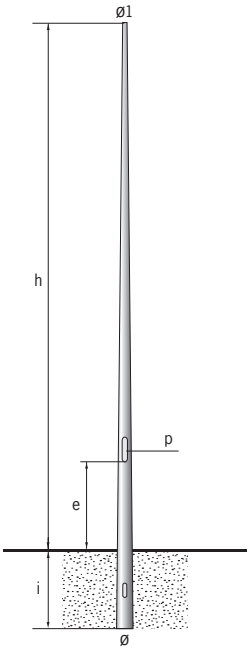
Conical poles

15
GREY

Features

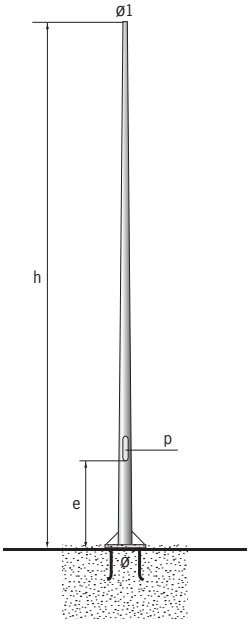
- Poles made of EN10025-S235JR, 70 micron hot galvanized steel in compliance with UNI EN ISO 1461 (EN40-5).
- Powder-coating paint surface finish.
- The pole has a conical cross-section with upper diameter of 60 mm.
- 3 mm thick.
- The pole that is cemented into the ground has a slot for feed cables that is 150x50 mm.
- Anchoring plate is made of EN 10025-S235JR 70 micron hot galvanized steel.
- Anchor bolts and plate available in different sizes to fit the different poles.
- Protruding lid 186x45 mm made of cast aluminium and equipped with watertight gasket.
- 4-pole terminal block with three connections for each pole and single or double integrated fuse; designed for 16 mm² (code 1864 6 mm²) feed cables and 2,5 mm² exit cables.
- Grounding system with grounding lug, weather-protected steel cable, and A2 M8x16 stainless steel screw.
- Lid: IP54
- Terminal block: IP43 IK08

Customised poles for each European market



buried pole

base diameter (ø)	head diameter (ø1)	off-ground height (h)	in-ground height (i)	thickness	weight (kg)	dimensions lid (p)	h from the ground lid (e)	pole code	pole colour	terminal block code	lid key code
106	60	4000	600	3	29	186x45	800	**1275**	15	**1864**	**0227**
138	60	7000	800	3	56	186x45	1000	**1281**	15	**1862-1865**	**0227**
158	60	9000	800	3	77	186x45	1000	**1282**	15	**1862-1865**	**0227**



pole with plate

base diameter (ø)	head diameter (ø1)	height (h)	thickness	weight (kg)	dimensions lid (p)	h from the ground lid (e)	pole code	pole colour	fixing plate code	terminal block code	lid key code
100	60	4000	3	39	186x45	800	**1278**	15	**1168**	**1864**	**0227**
130	60	7000	3	62	186x45	1000	**1283**	15	**0453**	**1862-1865**	**0227**
150	60	9000	3	104	186x45	1000	**1284**	15	**1165**	**1862-1865**	**0227**

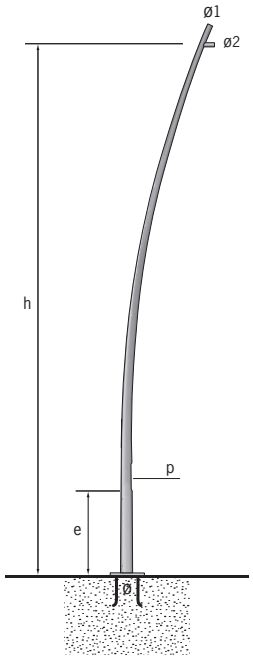
Conical curved poles

15
GREY

Features

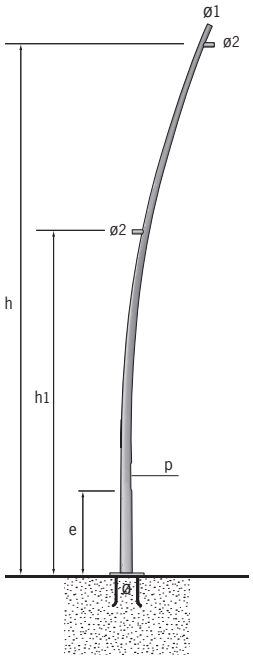
- Poles made of EN10025-S235JR, 70 micron hot galvanized steel in compliance with UNI EN ISO 1461 (EN40-5).
- Powder-coating paint surface finish.
- Curved conical shape with 70 mm final diameter.
- 3 mm thick.
- 400x400 mm anchoring plate made of 70 micron hot galvanized steel, with 4 slots.
- Anchor bolts and plate (to be ordered separately).
- Flush lid IP3X 400x90 mm made of steel.
- 4-pole terminal block with three connections for each pole and double integrated fuse; designed for 16 mm² feed cables and 2,5 mm² exit cables.
- Suitable for Italian/French/Spanish, English (with wooden adaptor to be ordered separately) and German/ Swiss (with DIN guide to be ordered separately) terminal boards. Refer to the instructions sheet for the reference codes.
- Internal earthing system with stainless steel grounding lug and screw.
- Terminal block: IP44 IK08

Customised poles for each European market



pole with plate

base/head diameter (ø / ø1)	gallery diameter (ø2)	height (h)	thickness	weight (kg)	dimensions lid (p)	h from the ground lid (e)	pole code	pole colour	fixing plate code	terminal block code	lid key code
147/70	60	6000	3	72	400x90	800	**1506**	15	**1165**	**1863**	**0246**
172/70	60	8000	3	94	400x90	800	**1507**	15	**1165**	**1863**	**0246**



pole with plate and intermediate support

base/head diameter (ø / ø1)	gallery diameter (ø2)	height (h)	height (h1)	thickness	weight (kg)	dimensions lid (p)	h from the ground lid (e)	pole code	pole colour	fixing plate code	terminal block code	lid key code
147/70	60	6000	4000	3	73	400x90	800	**1508**	15	**1165**	**1863**	**0246**
172/70	60	8000	4000	3	95	400x90	800	**1509**	15	**1165**	**1863**	**0246**

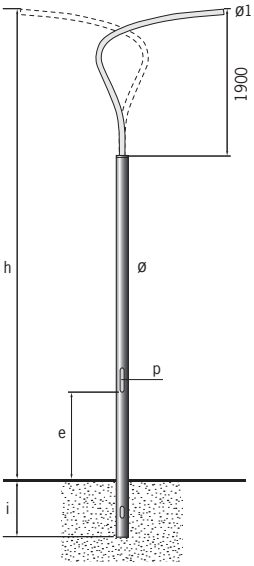
Poles with curved arm

74
GREY/BLACK

Features

- Poles made of EN10025-S235JR, 70 micron hot galvanized steel in compliance with UNI EN ISO 1461 (EN40-5).
- Powder-coating paint surface finish.
- The pole has a cylindrical crosssection with a 160 mm diameter.
- 4 mm thickness for codes 1515-1570-1588-1910, thickness for codes 1511-1566-1585-1909.
- Cable entry slot 150x50 mm.
- 400x400 mm anchoring plate (280x280 mm for poles with code 1566-1909) made of hot galvanized steel with 70 micron, with 4 slots.
- Anchor bolts and plate (to be ordered separately).
- Flush lid IP44 310x95 mm made of cast aluminium with seal gasket.
- 4-pole terminal block with three connections for each pole and double integrated fuse; designed for 16 mm² feed cables and 2,5 mm² exit cables.
- Suitable for Italian/French/Spanish, English (with wooden adaptor to be ordered separately) and German/ Swiss (with DIN guide to be ordered separately) terminal boards. Refer to the instructions sheet for the reference codes.
- Internal earthing system with stainless steel grounding lug and screw.
- Versions complete with single or double arm, available with L=1250 mm and L=2500 mm, respectively. S235JR steel arm with 76 mm diam. and 4 mm thickness. Subjected to powder paint treatment
- Arms fixed to pole with 4 M10 screws.
- Terminal block: IP44 IK08

Customised poles for each European market

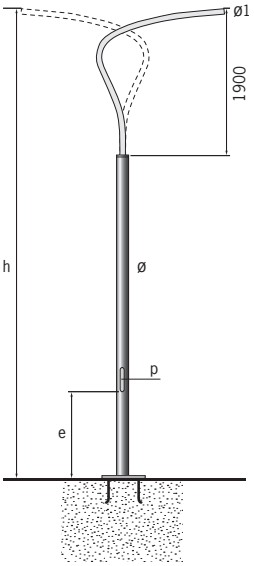


buried pole with arm

diameter pole (ø)	gallery diameter (ø1)	off-ground height (h)	in-ground height (i)	thickness	weight (kg)	dimensions lid (p)	h from the ground lid (e)	pole code	pole colour	terminal block code	lid key code
160	76	6700	800	3	94	310x95	1000	**1511**	74	**1863**	**0246**
		8700	1000	4	148	310x95	1000	**1515**	74	**1863**	**0246**

buried pole with 2 arms

diameter pole (ø)	gallery diameter (ø1)	off-ground height (h)	in-ground height (i)	thickness	weight (kg)	dimensions lid (p)	h from the ground lid (e)	pole code	pole colour	terminal block code	lid key code
160	76	6700	800	3	118	310x95	1000	**1585**	74	**1863**	**0246**
		8700	1000	4	172	310x95	1000	**1588**	74	**1863**	**0246**



pole with plate with arm

diameter pole (ø)	gallery diameter (ø1)	height (h)	thickness	weight (kg)	dimensions lid (p)	h from the ground lid (e)	pole code	pole colour	fixing plate code	terminal block code	lid key code
160	76	6700	3	97	310x95	1000	**1566**	74	**0453**	**1863**	**0246**
		8700	4	157	310x95	1000	**1570**	74	**1165**	**1863**	**0246**

pole with plate with 2 arms

diameter pole (ø)	gallery diameter (ø1)	height (h)	thickness	weight (kg)	dimensions lid (p)	h from the ground lid (e)	pole code	pole colour	fixing plate code	terminal block code	lid key code
160	76	6700	3	121	310x95	1000	**1909**	74	**0453**	**1863**	**0246**
		8700	4	181	310x95	1000	**1910**	74	**1165**	**1863**	**0246**

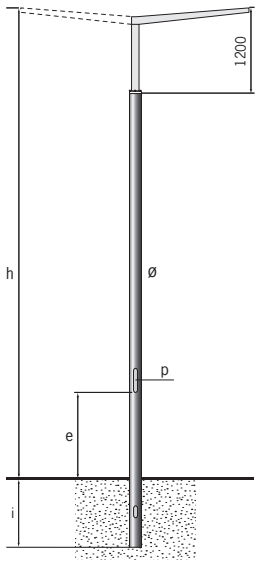
Poles with arm for iRoad System

74
GREY/BLACK

Features

- Poles made of EN10025-S235JR, 70 micron hot galvanized steel in compliance with UNI EN ISO 1461 (EN40-5).
- Texturised RAL 9005 powder-coating paint surface finish.
- The pole has a cylindrical crosssection with a 159 mm diameter.
- A metallic galvanized steel plate is secured to the upper portion of the pole. It has holes for the fastening of the arms. At about 4 m above ground, there are two perforations and stainless steel inserts that secure the intermediate arm.
- The h=6 m above the ground is 3 mm thick; the 8/10 m above the ground pole is 4 mm thick.
- The model that can be cemented into the ground has cable slot that is 150x50 mm.
- Anchoring plate is made of 70 micron hot galvanized steel, and has 4 slots. The plate has tie rods that secure it to the ground (to be ordered separately).
- Flush lid 310x95 mm made of aluminium alloy and has a watertight gasket.
- 4-pole terminal block with three connections for each pole and double integrated fuse; designed for 16 mm^2 feed cables and 2,5 mm^2 exit cables that connect the lamp.
- Suitable for Italian/French/Spanish, English (with wooden adaptor to be ordered separately) and German/ Swiss (with DIN guide to be ordered separately) terminal boards. Refer to the instructions sheet for the reference codes.
- Internal grounding system with grounding lug, steel insert, and stainless steel screw.
- Equipped with single or double arm, with respective lengths of 1450 mm and 2800 mm. The vertical part of the arm is made of 100x20 mm steel profile. The horizontal part of the arm is made of steel sheet with hot galvanized cover. Texturized RAL 9007 acrylic paint surface treatment.
- Arms secured to pole via 4 M10 UNI5931 AISI 304 stainless steel screws.
- Terminal block: IP44 IK08

Customised poles for each European market

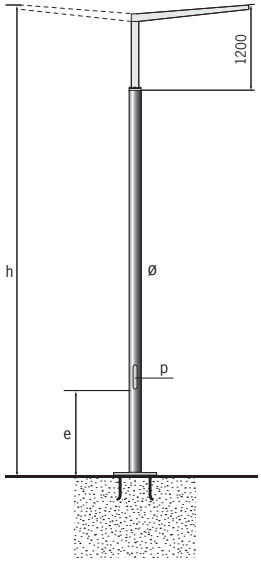


buried pole with arm

diameter pole (ø)	off-ground height (h)	in-ground height (i)	thickness	weight (kg)	dimensions lid (p)	h from the ground lid (e)	pole code	pole colour	terminal block code	lid key code
160	6000	800	3	89	310x95	1000	**1530**	74	**1863**	**0246**
	8000	1000	4	149	310x95	1000	**1531**	74	**1863**	**0246**
	10000	1000	4	173	310x95	1000	**1532**	74	**1863**	**0246**

buried pole with 2 arms

diameter pole (ø)	off-ground height (h)	in-ground height (i)	thickness	weight (kg)	dimensions lid (p)	h from the ground lid (e)	pole code	pole colour	terminal block code	lid key code
160	6000	800	3	98	310x95	1000	**1536**	74	**1863**	**0246**
	8000	1000	4	158	310x95	1000	**1537**	74	**1863**	**0246**
	10000	1000	4	182	310x95	1000	**1538**	74	**1863**	**0246**



pole with plate with arm

diameter pole (ø)	height (h)	thickness	weight (kg)	dimensions lid (p)	h from the ground lid (e)	pole code	pole colour	fixing plate code	terminal block code	lid key code
160	6000	3	92	310x95	1000	**1533**	74	**0453**	**1863**	**0246**
	8000	4	158	310x95	1000	**1534**	74	**1165**	**1863**	**0246**
	10000	4	183	310x95	1000	**1535**	74	**1165**	**1863**	**0246**

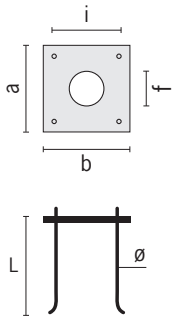
pole with plate with 2 arms

diameter pole (ø)	height (h)	thickness	weight (kg)	dimensions lid (p)	h from the ground lid (e)	pole code	pole colour	fixing plate code	terminal block code	lid key code
160	6000	3	101	310x95	1000	**1539**	74	**0453**	**1863**	**0246**
	8000	4	167	310x95	1000	**1540**	74	**1165**	**1863**	**0246**
	10000	4	192	310x95	1000	**1541**	74	**1165**	**1863**	**0246**

Accessories for poles

Fixing plate

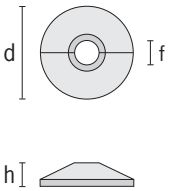
70 micron hot galvanized steel fixing base, with 4 holes and complete with anchor bolts.



size (a x b)	distance between holes (i)	diameter (f)	clamps length (L)	clamps diameter (ø)	clamps threading	code	colour
310x310	200	100	400	16	M18	**1168**	00
310x310	200	100	500	16	M18	**0453**	00
440x440	300	100	500	22	M24	**1165**	00
440x440	200	100	650	22	M24	**1164**	00

Base

Cover system for poles fixed with the plate, consisting of two cast aluminium bases which can be grouped together.



external diameter (d)	central hole (f)	height (h)	code	colour
420	100	122	**1870**	15
420	102	122	**1850**	04-15
420	120	122	**1841**	04-15
420	130	122	**1871**	15
620	150	184	**1872**	15
620	160	184	**1842**	04-15
620	194	184	**1843**	04-15

Terminal blocks

The terminal blocks have four polarities with three ways for pole and are fitted for bridge wiring. They are made with class II insulation.

description	code	colour
Equipped with a fuse holder for dim. 8,5x31,5 - 380 V - max 20 A. Suitable for power supply cables 16 mm^2 in section at the inlet and 2,5 mm^2 at the outlet, for the light source connection.	**1862**	00
Equipped with a fuse holder for dim. 10,3x38 - 380 V - max 20A. Suitable for power supply cables 16 mm^2 in section at the inlet and 2,5 mm^2 at the outlet, for the light source connection.	**1863**	00
Equipped with two fuse holders for dim. 5x20 - 250 V - max 10A. Suitable for power supply cables 6 mm^2 in section at the inlet and 2,5 mm^2 at the outlet, for the light source connection.	**1864**	00
Equipped with two fuse holders for dim 8,5x31,5 - 380 V - max 10A. Suitable for power supply cables 16 mm^2 in section at the inlet and 2,5 mm^2 at the outlet, for the light source connection.	**1865**	00

Linear luminaires for façade lighting

506 Linealuce
Mini
LED

510 Linealuce
Mini recessed
LED

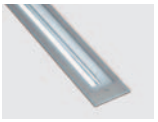
515 Linealuce
Compact
LED

520 Linealuce
Compact recessed
LED

525 Linealuce
LED

525 Linealuce FL

528 Linealuce
recessed
LED



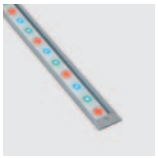
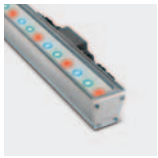
528 Linealuce
recessed FL

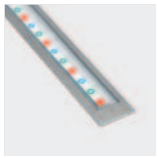
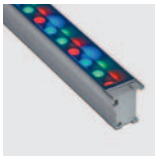
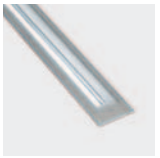
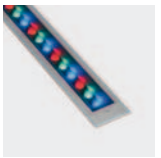
531 Led Tube
LED

533 Radius

Palazzo Venezia, Italian Embassy building - Istanbul, Turkey
Photo: with kind permission from Studio Majo

Linear luminaires for façade lighting

Linealuce Mini	Linealuce Mini RGB	Linealuce Mini recessed	Linealuce Mini recessed RGB	Linealuce Compact	Linealuce Compact RGB	Linealuce Compact recessed
						
Superspot optic						
Spot optic	●	●		●	●	●
Flood optic			●			●
Wide Flood optic						
Very Wide Flood optic						
Wall Washer optic	●	●	●	●	●	●	●
Real White					●		
White Tuning					●		
LED lamp	●	●	●	●	●	●	●
FL lamp							
DALI protocol			●		●	●	●
DMX DALI protocol					●	●	●

Linealuce Compact RGB recessed	Linealuce	Linealuce RGB	Linealuce recessed	Linealuce recessed FL	Linealuce FL	Linealuce recessed RGB
						
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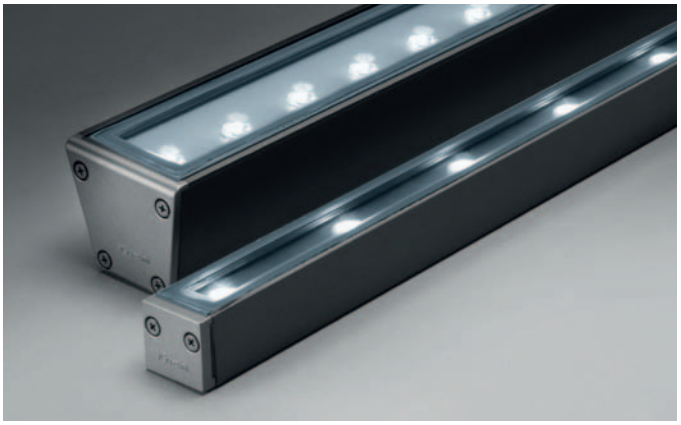
Linear luminaires for façade lighting

High Performance Linear System

Thanks to iGuzzini technology and research, the size of the wall to be lit and the lighting levels being equal, this new system allows the installed power per linear metre to be minimised, therefore minimising energy consumption.
The High Performance Linear System also guarantees the absence of areas of shadow, ensuring even lighting and uniform colour temperature.



Light Management System

DMX PROTOCOL

This protocol is used for professional architectural lighting and is characterised by a high data transmission speed (250000 bytes/second) with real time efficient and effective control of complex multimedia installations (lighting, video installations, etc.).

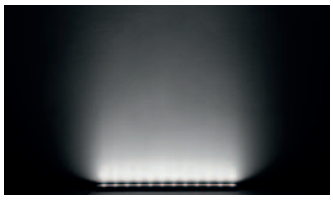
Moreover, the DMX protocol provides for 512 luminaire addresses and is especially suitable for RGB scenes. For its luminaires, iGuzzini uses the RDM DMX with bi-directional communication to request information on the luminaire status and address luminaires from remote.

DALI PROTOCOL

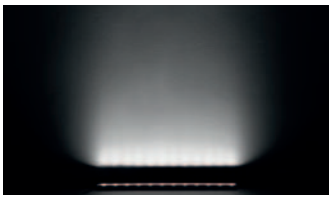
This protocol is mainly used for indoor lighting and is characterised by a limited data transmission speed (2500 bytes/second). It can control installations with simple dynamic light without rapid scene changes. Moreover, the DALI protocol allows for addressing 64 luminaires.

Lighting performance

No areas of shadow
The new wall washer optics allow the elimination of areas of shadow at the base of vertical surfaces, creating a perfect “wall washer” effect.



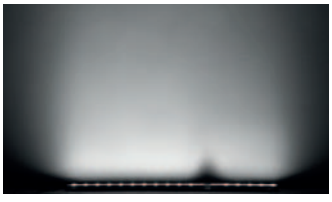
Absolutely no areas of shadow (Linealuce)



Areas of shadow

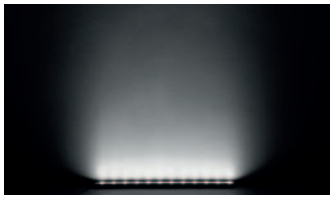
Even lighting
Even with the luminaires installed in a “continuous row”, the design of the end caps guarantees lighting evenness, for a shadow-free lighting effect even where the modules are joined.

Perfectly even lighting (Linealuce)

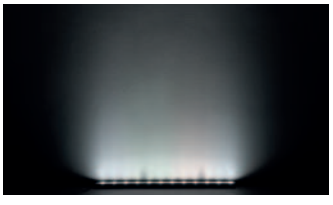


Gap in the lighting effect

Uniform colour temperature
Carefully selected LEDs, plus the excellent colour temperature (K) uniformity provided, allow maximum temperature uniformity and ensure that this feature lasts for years.



Constant colour uniformity (Linealuce)



Lack of chromatic homogeneity

Linear luminaires for façade lighting

RGB

RGB LED technology generates variable coloured light. Mixing of the three primary colours (red, green, blue) produces a complete range of colours, creating impressive set-ups.

Real White

In addition to all shades, this technology allows a pure white, without the influence of RGB colours, to be obtained.

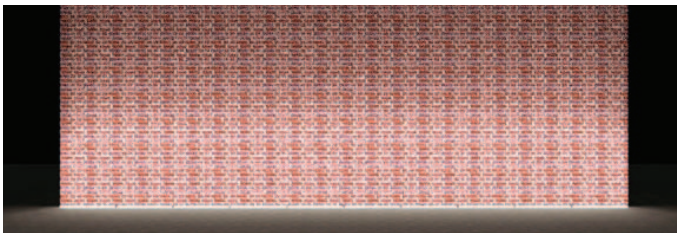
White Real White

Typical RGB white

To guarantee maximum uniformity of the white, a W+RGB+W module is available, for use with individual luminaires and at the start of a continuous line.

Single installation

WRGBW



Continuous line installation

WRGBW RGBW RGBW

White Tuning

These versions allow continuous adjustment of the colour temperature from 2700 to 6000K.

Warm white
2700K

Neutral white
4000K

Cool white
6000K

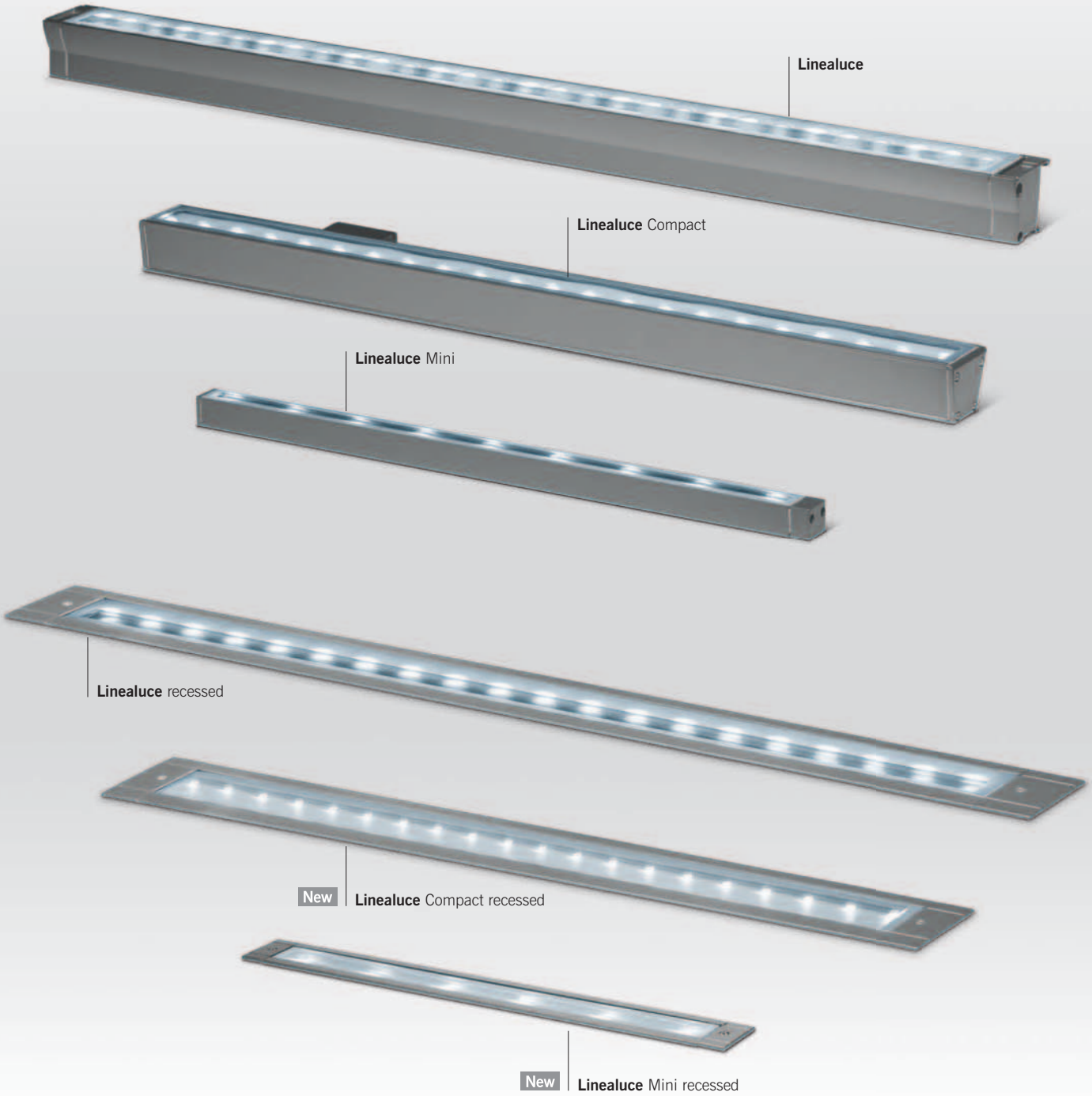
In specific applications (for example, underground railways or underground areas) lighting may be modulated depending on the season and time day using iGuzzini lighting management systems.

Morning

Evening

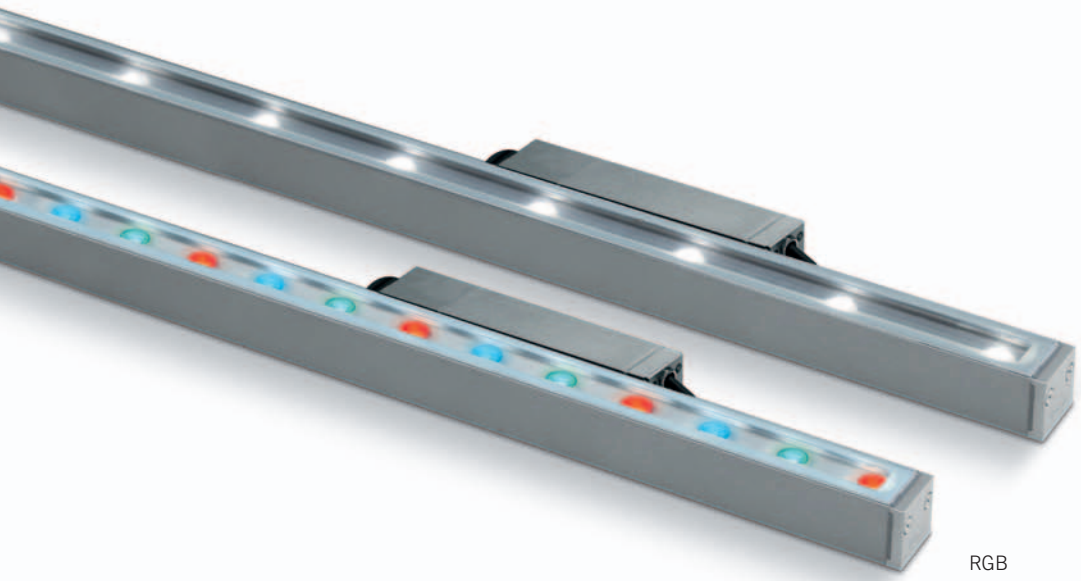
Linealuce

design Jean Michel Wilmotte



Palazzo Ducale, Urbino. Pepi Morgia lighting installation,
for the “Parole in gioco” event, 2008

Linealuce Mini



Monochromatic

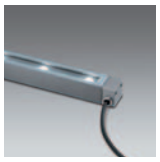
RGB

Features

IP66 IK05

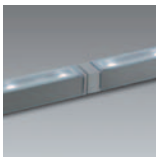
- Wall-mounted, ceiling-mounted and on balustrade with optional supports.
- Extruded aluminium body, with die-cast zamak end caps complete with silicone gaskets.
- Optical assembly closed on top with a transparent glass screen, 3 mm thick, secured with silicone.
- The product is supplied with single PG9 cable clamp in nickel-plated brass and PVC exit cable. For the electrical connection a linear connector IP68 and connector block IP67 with fast coupling terminals.
- Electronic power supplies to be ordered separately.
- Dimmable monochromatic and RGB versions: Vin=48Vdc electronic power supplies to be ordered separately, DALI or DMX-RDM internal drivers contained in extruded aluminium side box, with aluminium die-cast end caps complete with silicone gaskets, PG13,5 nickelplated brass cable clamps and outgoing cables.
- Luminaire ready for pass-through wiring.
- All external screws are in A2 stainless steel.

LMS DALI PROTOCOL DMX PROTOCOL



Simplified wiring using exiting cable

Small size



Installed in a continuous line

- **LED Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	T 16	ENERGY SAVING
1130	13W	21W	38%
1700	20W	35W	42%

(3000K) LED energy saving compared with traditional lamps

Linealuce Mini

Flexibility

Linealuce Mini is available in various lengths, so that it can adapt to any lighting design project.

512mm Monochromatic DALI / RGB
528mm Monochromatic

792mm Monochromatic

1004mm RGB
1040mm Monochromatic DALI
1056mm Monochromatic

1321mm Monochromatic

1496 mm RGB
1569 mm Monochromatic DALI
1585 mm Monochromatic

Constant flow

Linealuce Mini monochrome 24Vdc is fitted with an exclusive electronic circuit which guarantees constant emission of the light flow even with variations in the input voltage from 16V to 30V. The constant flow emitted on the entire power line is guaranteed for up to 30 m.

Constant flow emitted on the entire line (Linealuce Mini 24Vdc)

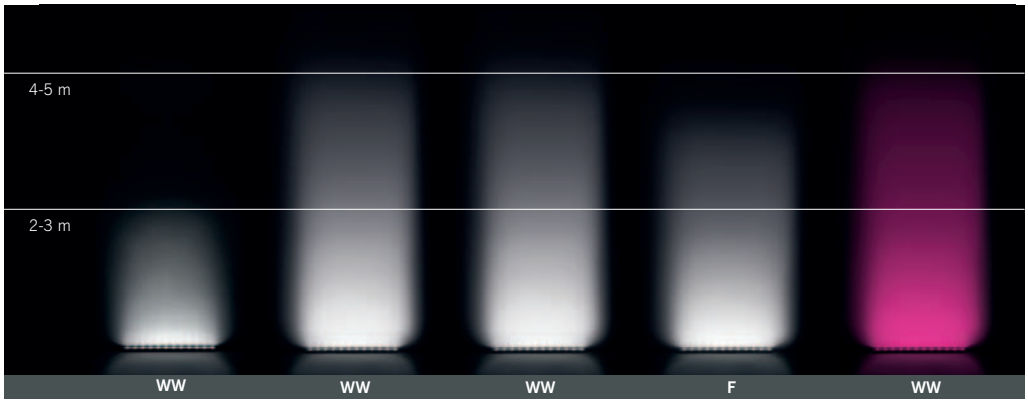
30Vdc

Flow emitted is not constant on the entire line

30Vdc

Lighting performance

The possibility of choosing different power ratings (W/lm) for the same lengths, the efficiency of the latest-generation LEDs, with extremely high-performance optics, make this luminaire suitable for a wide range of applications.



Linealuce Mini

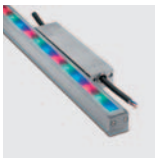
15
GREY

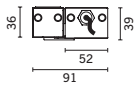
Monochromatic static LED (24Vdc)

light source	W	lm	length	code colour
LED	**Spot 10°**			
	Neutral white			
	6,5 W	600	528	**BK36** 15
	13 W	1210	1056	**BK40** 15
	Warm white			
	6,5 W	570	528	**BK37** 15
	13 W	1130	1056	**BK41** 15
	Flood 30°			
	Neutral white			
	6,5 W	600	528	**BK80** 15
	13 W	1210	1056	**BK84** 15
	Warm white			
	6,5 W	570	528	**BK81** 15
	13 W	1130	1056	**BK85** 15
	Wall washer 2÷3 m			
	Neutral white			
	3,6 W	390	528	**BH14** 15
	7,2 W	770	1056	**BH16** 15
	11 W	1160	1585	**BH18** 15
	Warm white			
	3,6 W	360	528	**BH15** 15
	7,2 W	720	1056	**BH17** 15
	11 W	1080	1585	**BH19** 15
	Wall washer 4÷5 m			
	Neutral white			
	6,5 W	600	528	**BH20** 15
	9,8 W	910	792	**BI11** 15
	13 W	1210	1056	**BH22** 15
	16 W	1510	1321	**BI13** 15
	20 W	1810	1585	**BH24** 15
	Warm white			
	6,5 W	570	528	**BH21** 15
	9,8 W	850	792	**BI12** 15
	13 W	1130	1056	**BH23** 15
	16 W	1410	1321	**BI14** 15
	20 W	1700	1585	**BH25** 15

Power supply to be ordered separately.
For the system definition, refer to the instructions.

Dimmable monochromatic and RGB LED (48÷56Vdc)





light source	W	lm	length	code colour
LED	**Spot 10°**			
	Neutral white dimmable DALI			
	5,9 W	580	512	**BM69** 15
	12 W	1150	1040	**BM71** 15
	Warm white dimmable DALI			
	5,9 W	540	512	**BM70** 15
	12 W	1080	1040	**BM72** 15

DMX versions available on request.
Power supply to be ordered separately.
Monochromatic DALI versions occupy 1 address.

	Flood 30°			
	Neutral white dimmable DALI			
	5,9 W	580	512	**BM77** 15
	12 W	1150	1040	**BM79** 15
	Warm white dimmable DALI			
	5,9 W	540	512	**BM78** 15
	12 W	1080	1040	**BM80** 15

DMX versions available om request.
Complete with electronic control card.
Power supply to be ordered separately.
Monochromatic DALI versions occupy 1 address.

	Wall washer 4÷5 m			
	Neutral white dimmable DALI			
	5,9 W	580	512	**BL30** 15
	12 W	1150	1040	**BL32** 15
	18 W	1730	1569	**BL34** 15
	Warm white dimmable DALI			
	5,9 W	540	512	**BL31** 15
	12 W	1080	1040	**BL33** 15
	18 W	1620	1569	**BL35** 15
	Neutral white dimmable DMX-RDM			
	5,9 W	580	512	**BL36** 15
	12 W	1150	1040	**BL38** 15
	18 W	1730	1569	**BL40** 15
	Warm white dimmable DMX-RDM			
	5,9 W	540	512	**BL37** 15
	12 W	1080	1040	**BL39** 15
	18 W	1620	1569	**BL41** 15

Power supply to be ordered separately.
Monochromatic DALI versions occupy 1 address.

	Wall washer 5÷6 m			
	RGB DALI			
	11 W	660	512	**BJ17** 15
	22 W	1320	1004	**BJ18** 15
	33 W	1980	1496	**BJ19** 15
	RGB DMX-RDM			
	11 W	660	512	**BJ20** 15
	22 W	1320	1004	**BJ21** 15
	33 W	1980	1496	**BJ22** 15

Complete with electronic control card.
Power supply to be ordered separately.
The DALI RGB versions occupy 3 addresses.

DALI versions in insulation class II

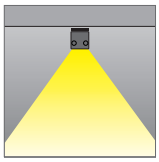
Compatible with light management systems
of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.

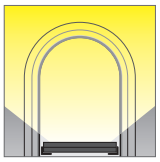
Linealuce Mini

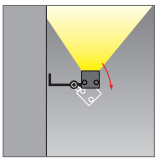
installation systems

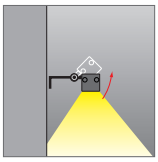
	code	colour
Plate used for support or ceiling installation	**BZJ6**	00
for versions L=512-528 1004-1040-1056		
BZJ7	00	
for versions L=1321-1496 1569-1585		
Adjustable arms +/- 90° for wall or ceiling mounting L=200	**BZJ8**	13

	code	colour
Adjustable arms +/- 90° for wall or ceiling mounting L=83	**BZJ9**	13
for monochromatic static LED		
Adjustable arms +/- 90° for wall or ceiling mounting L=115	**BZQ9**	13
for dimmable monochromatic and RGB LED		


Ceiling-mounted


Balustrade


Wall-mounted with adjustable arms


Wall-mounted with adjustable arms

monochromatic static LED components

	code	colour
Electronic power supply designed to mount on a DIN standard profile 10W VIN=220÷240Vac / 50÷60Hz VOUT=24Vdc ±2% (SELV)	**9908**	00
Electronic power supply designed to mount on a DIN standard profile 24W VIN=90÷-260Vac / 50÷60Hz VOUT=24Vdc ±2% (SELV)	**9909**	00
Electronic power supply designed to mount on a DIN standard profile 72W VIN=220÷240Vac / 50÷60Hz VOUT=24Vdc ±2% (SELV)	**9910**	00
Electronic power supply designed to mount on a DIN standard profile 96W VIN=220÷240Vac / 50÷60Hz VOUT=24Vdc ±2% (SELV)	**9911**	00

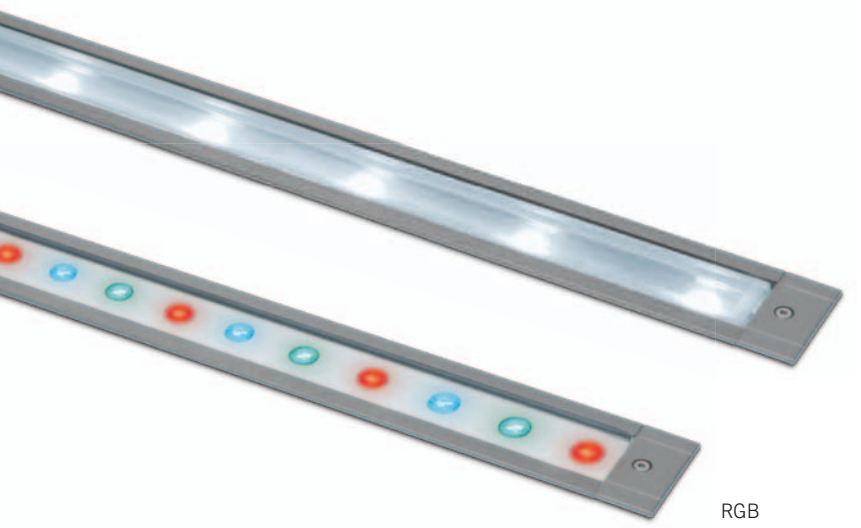
	code	colour
Electronic power supply designed to mount on a DIN standard profile 120W VIN=88÷264Vac / 50÷60Hz VOUT=24÷28Vdc (SELV) Dim. 40x114x125h	**BZK0**	00
Electronic power supply designed to mount on a DIN standard profile 240W VIN=88÷264Vac / 50÷60Hz VOUT=24÷28Vdc (SELV) Dim. 63x114x125h	**9912**	00
Electronic power supply designed to mount on a DIN standard profile 480W VIN=90÷264Vac / 50÷60Hz VOUT=24÷28Vdc (SELV) Dim. 86x114x125h	**BZK1**	00
Connector block with fast-coupling terminals IP66 Suitable for cables 2x2,5 mm²	**BZK7**	15
Connector IP68 Suitable for cables 2x2,5 mm²	**BZK6**	00

dimmable monochromatic and RGB LED components

	code	colour
Electronic power supply designed to mount on a DIN standard profile 120W VIN=88÷264Vac / 47÷63Hz VOUT=48÷55V (SELV) Dim. 40x114x125h	**BZ14**	00
Electronic power supply designed to mount on a DIN standard profile 240W VIN=88÷264Vac / 47÷63Hz VOUT=48÷55V (SELV) Dim. 63x114x125h	**BZ15**	00
Electronic power supply designed to mount on a DIN standard profile 480W VIN=90÷264Vac / 47÷63Hz VOUT= 48÷55V (SELV) Dim. 86x114x125h	**BZ16**	00

	code	colour
5-pole connector IP68	**BZS6**	04
Y-coupling with 5 poles IP68 For connection between DMX or DALI signal cable and power supply cable	**BZN7**	00
for DMX and DALI versions		
Cap for connectors + terminator resistance 120 Ω	**BZQ7**	00
for DMX-RDM versions		

New Linealuce Mini recessed



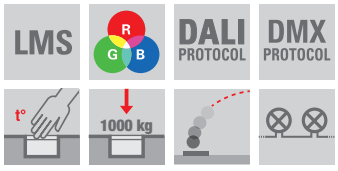
Monochromatic

RGB

Features

IP67 IK08/IK10

- Wall/ceiling/floor-recessed luminaire for use with LEDs.
- Fitting has a body and counterframe for installation (which can be ordered separately).
- Extruded aluminium body closed at the top by a transparent or no-skid glass screen secured in place with silicone; with die-cast aluminium end caps complete with silicone seals; aluminium outer casing with technopolymer caps.
- Dimmable monochromatic and RGB versions: Vin=48Vdc electronic power supplies to be ordered separately, DALI or DMX-RDM internal drivers.
- Luminaire ready for pass-through wiring.
- Static load resistance 1000 Kg
- Temperature of contact < 40°C.
- All external screws are in A2 stainless steel.



Versions equipped with no-skid glass

Temperature <40° C

Static load resistance 1000 Kg

- **LED Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	T 16	ENERGY SAVING
1130	13W	21W	38%
1700	20W	35W	42%

(3000K) LED energy saving compared with traditional lamps

Linealuce Mini recessed

Flexibility

Linealuce Mini recessed is available in various lengths, so that it can adapt to any lighting design project.

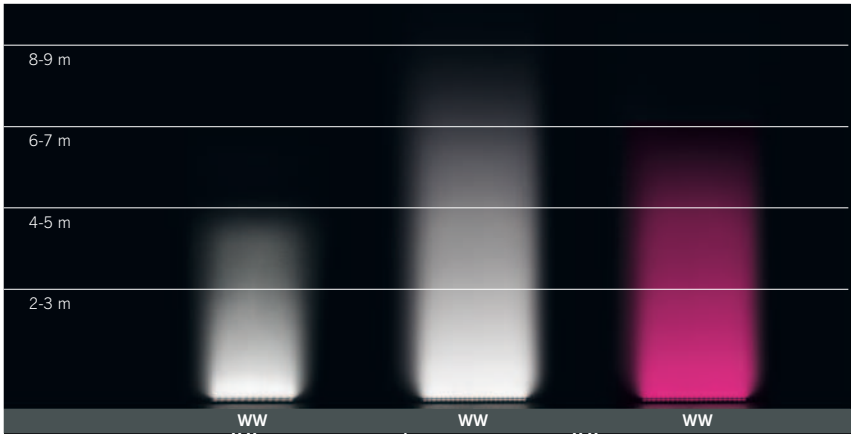
552mm Monochromatic / Monochromatic DALI / RGB

1044mm Monochromatic DALI / RGB
1080mm Monochromatic

1536mm Monochromatic DALI / RGB
1609mm Monochromatic

Lighting performance

The possibility of choosing different power ratings (W/lm) for the same lengths, the efficiency of the latest-generation LEDs, with extremely high-performance optics, make this luminaire suitable for a wide range of applications.



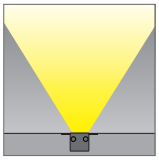
Static
12 LED / m
13W

Static
24 LED / m
20W
48Vdc

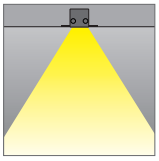
RGB
24 LED / m
17W

Applications

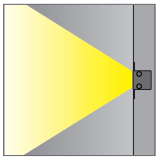
The compact size of the luminaire allows a wide range of applications in any architectural context.



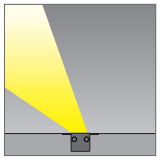
F - Floor



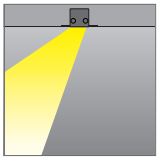
F - Ceiling-mounted



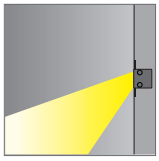
F - Wall-mounted



WW - Floor



WW - Ceiling-mounted



WW - Wall-mounted

Linealuce Mini recessed

15
GREY

Monochromatic static LED

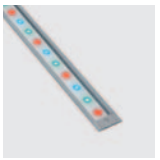
light source	W	lm	length	code colour
LED	**No-skid glass**			
	Flood optic 30°			
	Neutral white			
	6,5 W	600	552	**BW24** 15
	13 W	1210	1080	**BW26** 15
	20 W	1810	1609	**BW28** 15
	Warm white			
	6,5 W	570	552	**BW25** 15
	13 W	1130	1080	**BW27** 15
	20 W	1700	1609	**BW29** 15

Power supply to be ordered separately

light source	W	lm	length	code colour
LED	**Transparent glass**			
	Wall washer 4÷5 m			
	Neutral white			
	6,5 W	600	552	**BW18** 15
	13 W	1210	1080	**BW20** 15
	20 W	1810	1609	**BW22** 15
	Warm white			
	6,5 W	570	552	**BW19** 15
	13 W	1130	1080	**BW21** 15
	20 W	1700	1609	**BW23** 15

Power supply to be ordered separately

Dimmable monochromatic and RGB LED



light source	W	lm	length	code colour
LED	**Transparent glass**			
	Wall washer 4÷5 m			
	Neutral white dimmable DALI			
	6,5 W	600	552	**BW30** 15
	13 W	1210	1080	**BW32** 15
	20 W	1810	1609	**BW34** 15
	Warm white dimmable DALI			
	6,5 W	570	552	**BW31** 15
	13 W	1130	1080	**BW33** 15
	20 W	1700	1609	**BW35** 15

Class of Insulation II
Complete with electronic control card.
Power supply to be ordered separately.
Occupy 1 DALI address.

	Wall washer 6÷7 m			
	RGB DMX-RDM			
	9 W	590	552	**BW57** 15
	17 W	1140	1044	**BW58** 15
	25 W	1660	1536	**BW59** 15

Complete with electronic control card.
Power supply to be ordered separately.

Compatible with light management systems
of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.

Linealuce Mini recessed

installation systems

	code	colour
Outer casing	**X010**	00
	for BW18-BW19 BW24-BW25	
	X011	00
	for BW20-BW21 BW26-BW27	
	X012	00
	for BW22-BW23 BW28-BW29	
	X014	00
	for BW30-BW31-BW57	
	X015	00
	for BW32-BW33	
	X016	00
	for BW34-BW35	
	X017	00
	for BW58	
	X018	00
	for BW59	

	code	colour
Steel cables kit L=570 with reinforcement plates	**X013**	00
for false ceiling application	for monochromatic static LED	
	BZZ7	00
	for dimmable monochromatic and RGB LED	
Steel cable L=200	**5925**	00
for wall application		

monochromatic static LED components

	code	colour
Electronic power supply designed to mount on a DIN standard profile 10W	**9908**	00
V_{IN}=220÷240Vac / 50÷60Hz V_{OUT}=24Vdc ±2% (SELV)		
Electronic power supply designed to mount on a DIN standard profile 24W	**9909**	00
V_{IN}=90÷-260Vac / 50÷60Hz V_{OUT}=24Vdc ±2% (SELV)		
Electronic power supply designed to mount on a DIN standard profile 72W	**9910**	00
V_{IN}=220÷240Vac / 50÷60Hz V_{OUT}=24Vdc ±2% (SELV)		
Electronic power supply designed to mount on a DIN standard profile 96W	**9911**	00
V_{IN}=220÷240Vac / 50÷60Hz V_{OUT}=24Vdc ±2% (SELV)		

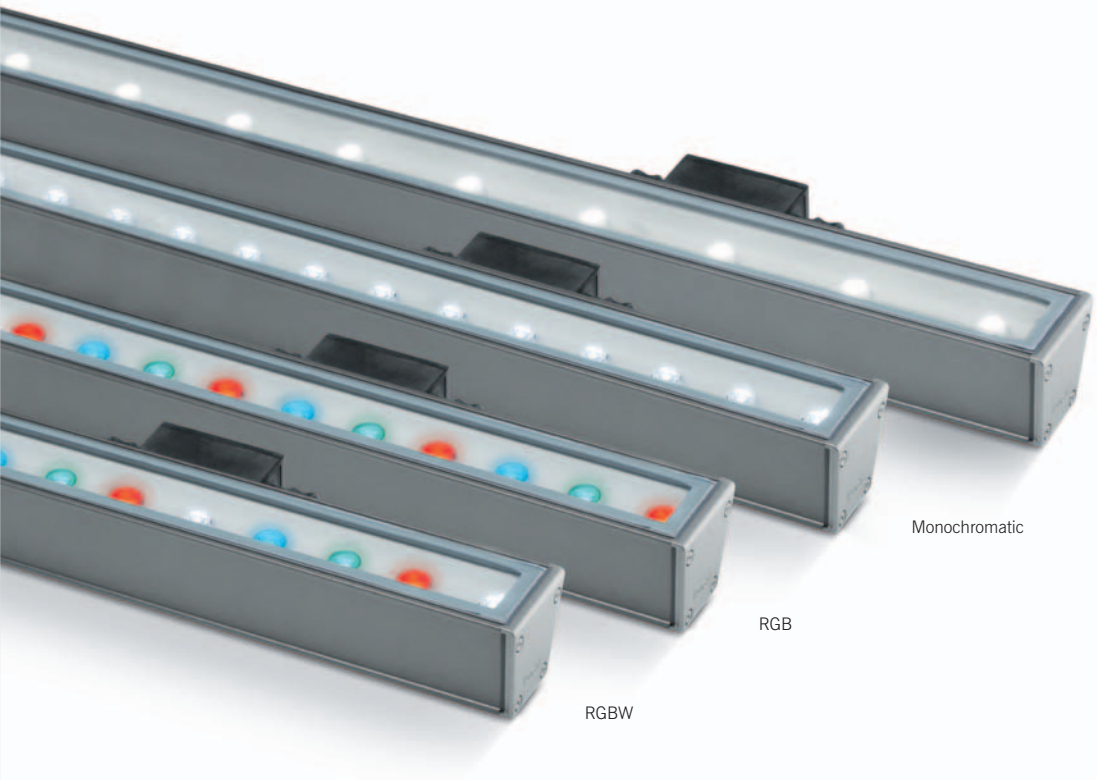
	code	colour
Electronic power supply designed to mount on a DIN standard profile 120W	**BZK0**	00
V_{IN}=88÷264Vac / 50÷60Hz V_{OUT}=24÷28Vdc (SELV) Dim. 40x114x125h		
Electronic power supply designed to mount on a DIN standard profile 240W	**9912**	00
V_{IN}=88÷264Vac / 50÷60Hz V_{OUT}=24÷28Vdc (SELV) Dim. 63x114x125h		
Electronic power supply designed to mount on a DIN standard profile 480W	**BZK1**	00
V_{IN}=90÷264Vac / 50÷60Hz V_{OUT}=24÷28Vdc (SELV) Dim. 86x114x125h		

dimmable monochromatic and RGB LED components

	code	colour
Electronic power supply designed to mount on a DIN standard profile 120W	**BZ14**	00
V_{IN}=88÷264Vac / 47÷63Hz V_{OUT}=48÷55V (SELV) Dim. 40x114x125h		
Electronic power supply designed to mount on a DIN standard profile 240W	**BZ15**	00
V_{IN}=88÷264Vac / 47÷63Hz V_{OUT}=48÷55V (SELV) Dim. 63x114x125h		
Electronic power supply designed to mount on a DIN standard profile 480W	**BZ16**	00
V_{IN}=90÷264Vac / 47÷63Hz V_{OUT}= 48÷55V (SELV) Dim. 86x114x125h		

	code	colour
5-pole connector IP68	**BZS6**	04
Y-coupling with 5 poles IP68	**BZN7**	00
For connection between DMX or DALI signal cable and power supply cable	for DMX and DALI versions	
Cap for connectors + terminator resistance 120 Ω	**BZQ7**	00
	for versions DMX-RDM	

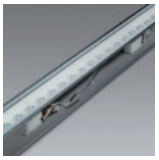
Linealuce Compact



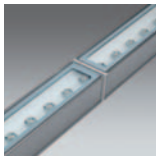
Features

IP66 IK05

- Wall-mounted, ceiling-mounted and on balustrade with optional supports.
- Extruded aluminium body, with die-cast aluminium end caps complete with silicone gaskets.
- Lateral power box in PPS.
- Optical assembly closed on top with a transparent glass screen, 3 mm thick, secured with silicone.
- The lateral box is supplied with double connector, male/female, with 3-pole fast coupling for through wiring and end cap on one side.
- LED versions available with RGB dynamic colour change and WNC (White Tuning) compatible with lighting management systems.
- Dimmable monochromatic and RGB versions complete with electronic power supply + DALI or DMX-RDM internal driver.
- Luminaire ready for pass-through wiring.
- All external screws are in A2 stainless steel.


DMX ballasts inside luminaire body

Rapid tool-free connection (free tools)


Installed in a continuous line

- **LED Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	**LED**	**T 16**	ENERGY SAVING
1160	13W	21W	38%
1740	20W	35W	42%

(3000K) LED energy saving compared with traditional lamps

Railway viaduct - Chaumont, France

Lighting project: Jean-François Touchard
Photo: Didier Boy de la Tour

Linealuce Compact

Flexibility

Linealuce Compact is available in various lengths, so that it can adapt to any lighting design project.

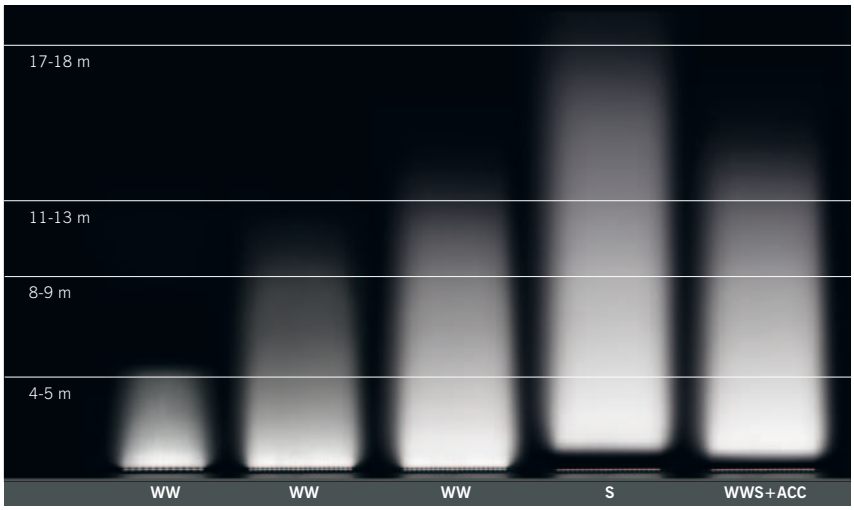
506mm RGB / White Tuning
528mm Monochromatic
540mm Real White (WRGBW)

998mm RGB / White Tuning
1026mm Real White (WRGBW)
1056mm Monochromatic

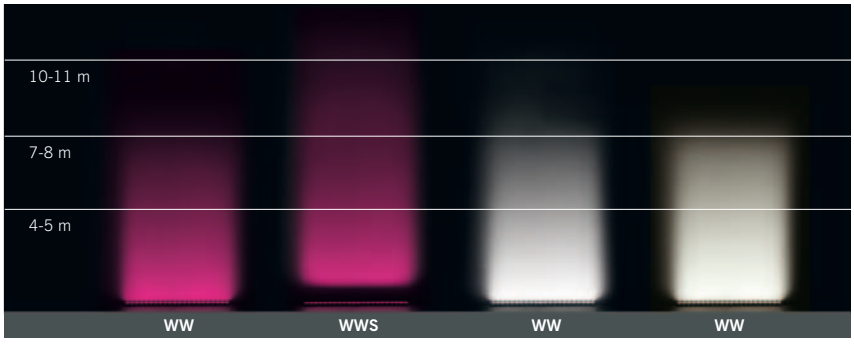
1490mm RGB / White Tuning
1511mm Real White (WRGBW)
1585mm Monochromatic

Lighting performance

The possibility of choosing different power ratings (W/lm) for the same lengths, the efficiency of the latest-generation LEDs, with extremely high-performance optics, make this luminaire suitable for a wide range of applications.



Static 13W/m 12 LED/m	Static 24W/m 22 LED/m	Static o DMX/DALI 35W/m 22 LED/m	Static 35W/m 22 LED/m	Static 35W/m 22 LED/m

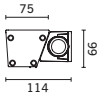


DMX/DALI 8x3 LED/m	DMX/DALI 8x3 LED/m	Real White DMX/DALI 8x3 LED/m	White Tuning DMX/DALI 8x3 LED/m

Linealuce Compact

15
GREY

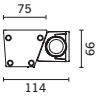
Monochromatic static LED



light source	W	lm	length	code colour
LED	**Wall washer 4÷5 m**			
	Neutral white			
	6,5 W	620	528	**BG96** 15
	13 W	1240	1056	**BG98** 15
	20 W	1860	1585	**BH00** 15
	Warm white			
	6,5 W	580	528	**BG97** 15
	13 W	1160	1056	**BG99** 15
	20 W	1740	1585	**BH01** 15
	Wall washer 8÷9 m			
	Neutral white			
	12 W	1140	528	**BH02** 15
	24 W	2270	1056	**BH04** 15
	36 W	3410	1585	**BH06** 15
	Warm white			
	12 W	1060	528	**BH03** 15
	24 W	2130	1056	**BH05** 15
	36 W	3190	1585	**BH07** 15
	Wall washer 11÷13 m			
	Neutral white			
	18 W	1500	528	**BH08** 15
	35 W	2990	1056	**BH10** 15
	53 W	4490	1585	**BH12** 15
	Warm white			
	18 W	1400	528	**BH09** 15
	35 W	2800	1056	**BH11** 15
	53 W	4210	1585	**BH13** 15
	Wall washer 13÷18 m			
	Neutral white			
	18 W	1500	528	**BI51** 15
	35 W	2990	1056	**BI53** 15
	53 W	4490	1585	**BI55** 15
	Warm white			
	18 W	1400	528	**BI52** 15
	35 W	2800	1056	**BI54** 15
	53 W	4210	1585	**BI56** 15

Complete with power supply.
For the system definition, refer to the instructions.

Dimmable monochromatic and RGB LED



light source	W	lm	length	code colour
LED	**Wall washer 11÷13 m**			
	Neutral white dimmable DALI			
	14 W	1260	528	**BI57** 15
	27 W	2530	1056	**BI59** 15
	41 W	3790	1585	**BI61** 15
	Warm white dimmable DALI			
	14 W	1180	528	**BI58** 15
	27 W	2370	1056	**BI60** 15
	41 W	3550	1585	**BI62** 15
	Neutral white dimmable DMX-RDM			
	14 W	1260	528	**BI63** 15
	27 W	2530	1056	**BI65** 15
	41 W	3790	1585	**BI67** 15
	Warm white dimmable DMX-RDM			
	14 W	1180	528	**BI64** 15
	27 W	2370	1056	**BI66** 15
	41 W	3550	1585	**BI68** 15

Complete with power supply.
Monochromatic DALI versions occupy 1 address.

	Wall washer 8 m			
	RGB DALI			
	13 W	770	506	**BI69** 15
	27 W	1530	998	**BI70** 15
	40 W	2300	1490	**BI71** 15
	RGB DMX-RDM			
	13 W	770	506	**BI72** 15
	27 W	1530	998	**BI73** 15
	40 W	2300	1490	**BI74** 15
	Wall washer 6÷8 m			
	RGBW DMX-RDM			
	13 W	990	506	**BM45** 15
	27 W	1980	998	**BM46** 15
	40 W	2970	1490	**BM47** 15
	WRGBW DMX-RDM			
	15 W	1100	540	**BN90** 15
	28 W	2090	1026	**BN91** 15
	42 W	3080	1511	**BN92** 15
	Wall washer 6÷10 m			
	WNC DMX-RDM			
	14 W	1210	506	**BM66** 15
	27 W	2420	998	**BM67** 15
	41 W	3620	1490	**BM68** 15
	Wall washer spot 10÷11 m			
	RGB DMX-RDM			
	13 W	770	506	**BP14** 15
	27 W	1530	998	**BP15** 15

DALI RGBW, WRGBW and WNC versions available on request.
Complete with electronic control card and power supply.
RGB DALI versions occupy 3 addresses.

Compatible with light management systems
of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.

Single installation

WRGBW

Continuous line installation

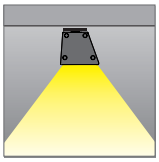
WRGBW RGBW RGBW

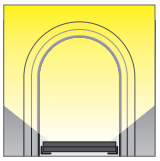
Linealuce Compact

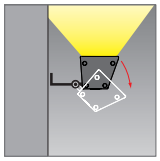
accessories and installation systems

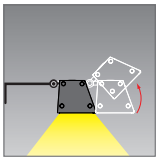
	code	colour
Diffusing filter for Wall washer Spot optic Recommended with WWS optic on smooth surfaces to obtain higher uniformity in initial area of light beam.	**BZS8**	65 for BI51-BI52
	BZS9	65 for BI53-BI54
	BZT0	65 for BI55-BI56
	BZW8	65 for BP14
	BZW9	65 for BP15
Antiglare screen	**BZH7**	15 for versions L=528
	BZH8	15 for versions L=1056
	BZH9	15 for versions L=1585
	BZT1	15 for versions L=506
	BZT2	15 for versions L=998
	BZT3	15 for versions L=1490
	BZV6	15 for versions L=540
	BZV7	15 for versions L=1026
	BZV8	15 for versions L=1511

	code	colour
Plate used for support or ceiling installation	**5570**	00 for versions L=506-528 540-998-1026-1056
	5571	00 for versions L=1490 1511-1585
Wall mounting bracket for LED monochromatic - RGB and WNC	**BZI0**	15 for versions L=506-528-998-1056
	BZI1	15 for versions L=1490-1585
Wall mounting bracket for RGBW - WRGVW	**BZV9**	15 for versions L=506-540 998-1026
	BZW0	15 for versions L=1490-1511
Adjustable arms +/- 90° for wall or ceiling mounting L=138	**BZX2**	13
Adjustable arms +/- 90° for wall or ceiling mounting L=310	**BZX3**	13
Adjustable arms +/- 90° L=138 mm	**5576**	15
Arms extendable and adjustable +/- 90° L=309÷389	**5577**	15
Brackets for balustrade mounting L=297	**5578**	15


Ceiling-mounted


Balustrade


Wall-mounted with adjustable arms


Wall-mounted with adjustable and extendable arms

Linealuce Compact

monochromatic static LED components

	code	colour
3-pole female connector - IP66	**BZI2**	04
3-pole male connector complete with covering cap for unused male connectors - IP66	**BZI3**	04
3-pole pair of connectors (male + female) - IP66	**BZI4**	04

	code	colour
Multi-pole cable units with 3-pole end connectors (male + female)	**BZJ0**	04 for continuous line connections modules L=528
	BZJ1	04 for continuous line connections modules L=1056
	BZJ2	04 for continuous line connections modules L=1585

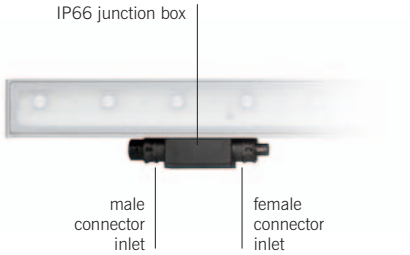
dimmable monochromatic and RGB LED components

	code	colour
5-pole female connector - IP66	**BZI5**	04
5-pole male connector complete with covering cap for unused male connectors - IP66	**BZI6**	04
5-pole pair of connectors (male + female) - IP66	**BZI7**	04
Y-coupling with 5 poles IP68 For connection between DMX or DALI signal cable and power supply cable	**BZN7**	00 for DMX and DALI versions
Cap for connectors + terminator resistance 120 Ω	**BZQ7**	00 for DMX-RDM versions

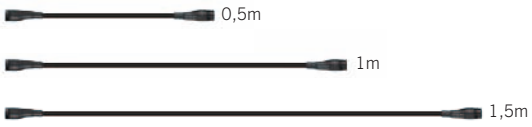
	code	colour
Multi-pole cable units with 5-pole end connectors (male + female) for modules connected in continuous line LED monochrome DALI-DMX	**BZJ3**	04 for modules L=528
	BZJ4	04 for modules L=1056
	BZJ5	04 for modules L=1585
Multi-pole cable units with 5-pole end connectors (male + female) for modules connected in continuous line RGB DALI-DMX RGBW DMX - WNC DMX	**BZT4**	04 for modules L=506
	BZT5	04 for modules L=998
	BZT6	04 for modules L=1490
Multi-pole cable units with 5-pole end connectors (male + female) for modules connected in continuous line WRGBW DMX	**BZW1**	04 for modules L=540
	BZW2	04 for modules L=1026
	BZW3	04 for modules L=1511

Simplified wiring

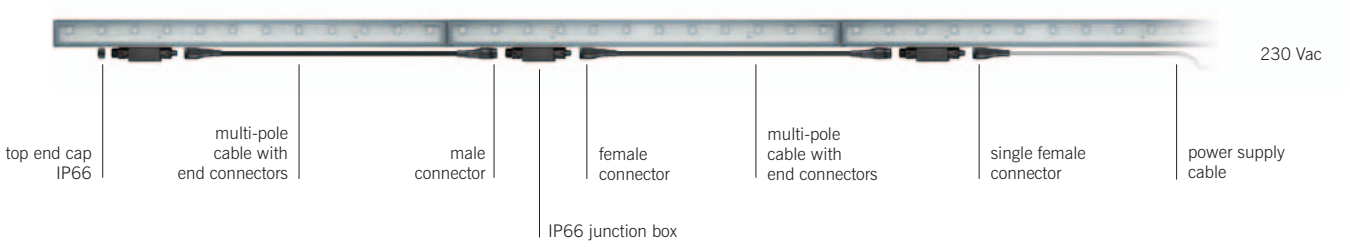
Linealuce Compact comes with fast, easy pass-through wiring. So, during mounting operations, the luminaire is never opened, significantly reducing installation times and costs and at the same time increasing operator safety. The wiring box has two inlets, male and female, and a cap for the unused inlet.



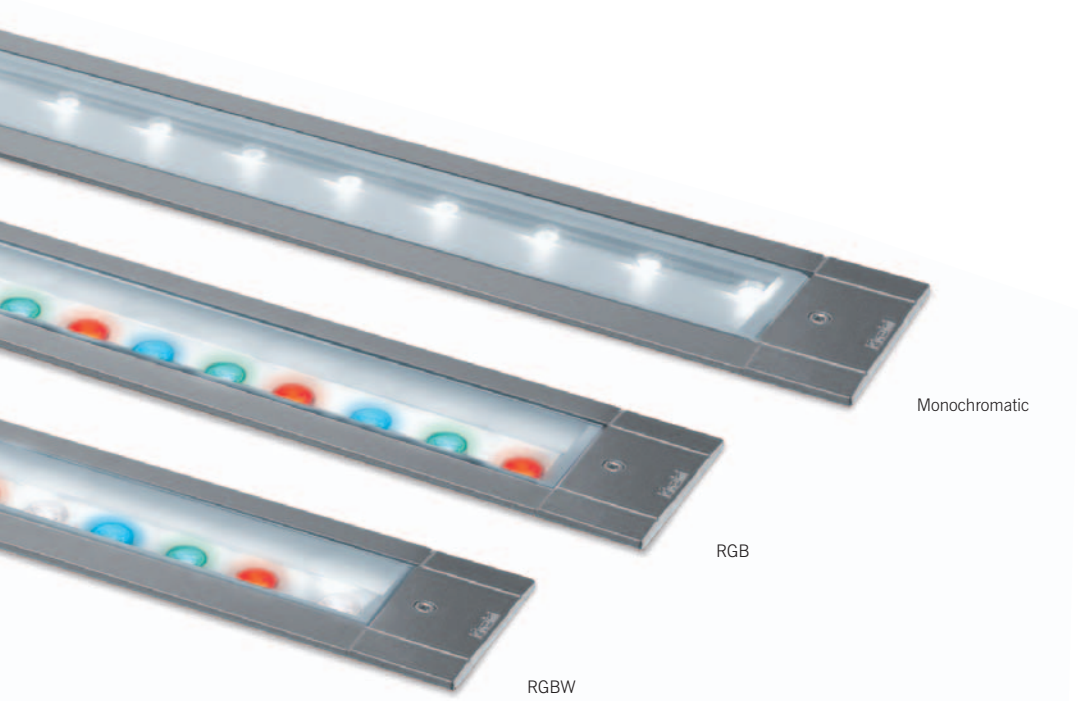
Multi-pole cable with end connectors



There is a suitable accessory cable for each Linealuce length.



New Linealuce Compact recessed



Monochromatic

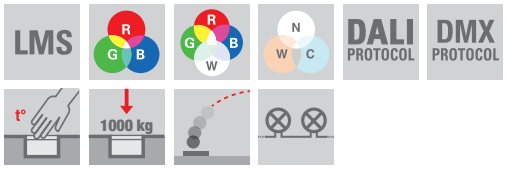
RGB

RGBW

Features

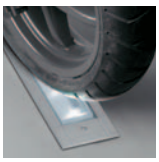
IP67 IK10

- Wall/ceiling/floor-recessed luminaire for use with LEDs.
- Fitting has a body and counterframe for installation (which can be ordered separately).
- Extruded aluminium body closed at the top by a semi-acid etched or no-skid glass screen secured in place with silicone; with die-cast aluminium end caps complete with silicone seals; aluminium outer casing with technopolymer caps.
- LED versions available with RGB dynamic colour change and WNC (White Tuning) compatible with lighting management systems.
- Dimmable monochromatic and RGB versions complete with electronic power supply + DALI or DMX-RDM internal driver.
- Luminaire ready for pass-through wiring.
- All external screws are in A2 stainless steel.



Versions equipped with no-skid glass

Temperature <40° C



Static load resistance 1000 Kg

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	T 16	ENERGY SAVING
1160	13W	21W	38%
1400	18W	28W	36%

(3000K) LED energy saving compared with traditional lamps

Linealuce Compact recessed

Flexibility

Linealuce Compact recessed is available in various lengths, so that it can adapt to any lighting design project.

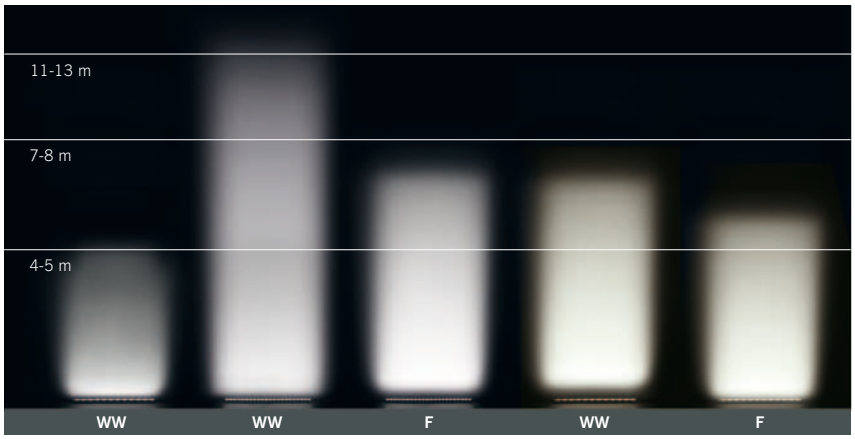
579 RGB / White Tuning
601 Monochromatic

1071 RGB / White Tuning
1129 Monochromatic

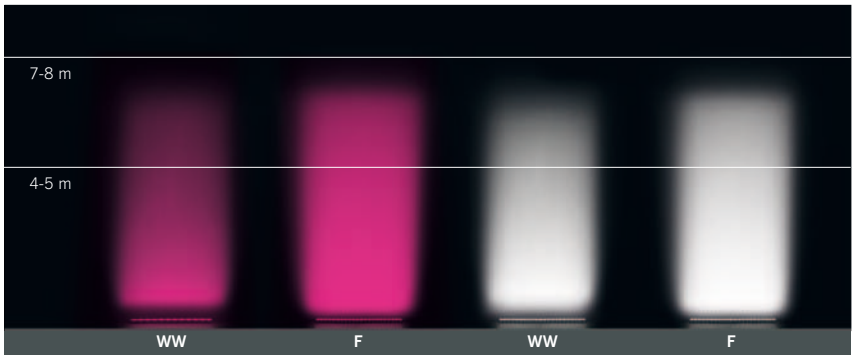
1543 RGB / White Tuning
1658 Monochromatic

Lighting performance

The possibility of choosing different power ratings (W/lm) for the same lengths, the efficiency of the latest-generation LEDs, with extremely high-performance optics, make this luminaire suitable for a wide range of applications.



Static 13W/m 12 LED/m	Static or DMX/DALI 35W/m 22 LED/m	Static or DMX/DALI 35W/m 22 LED/m	White Tuning DMX/DALI 8x3 LED/m	White Tuning DMX/DALI 8x3 LED/m



DMX/DALI 8x3 LED/m	DMX/DALI 8x3 LED/m	Real White DMX/DALI 8x3 LED/m	Real White DMX/DALI 8x3 LED/m

Linealuce Compact recessed

15
GREY

Monochromatic static LED

light source	W	lm	length	code colour
LED	**No-skid glass**			
	Flood optic 40°			
	Neutral white			
	18 W	1470	601	**BM98** 15
	35 W	2940	1129	**BN00** 15
	53 W	4410	1658	**BN02** 15
	Warm white			
	18 W	1380	601	**BM99** 15
	35 W	2750	1129	**BN01** 15
	53 W	4130	1658	**BN03** 15

Complete with power supply

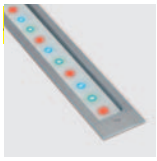
light source	W	lm	length	code colour
LED	**Transparent glass**			
	Wall washer 4÷5 m			
	Neutral white			
	6,5 W	620	601	**BM86** 15
	13 W	1240	1129	**BM88** 15
	20 W	1860	1658	**BM90** 15
	Warm white			
	6,5 W	580	601	**BM87** 15
	13 W	1160	1129	**BM89** 15
	20 W	1740	1658	**BM91** 15
	Semi-acid etched glass			
	Wall washer 11÷13 m			
	Neutral white			
	18 W	1500	601	**BM92** 15
	35 W	2990	1129	**BM94** 15
	53 W	4490	1658	**BM96** 15
	Warm white			
	18 W	1400	601	**BM93** 15
	35 W	2800	1129	**BM95** 15
	53 W	4210	1658	**BM97** 15

Complete with power supply

Dimmable monochromatic and RGB LED

light source	W	lm	length	code colour
LED	**No-skid glass**			
	Flood optic 40°			
	Neutral white dimmable DALI			
	14 W	1260	601	**BN16** 15
	27 W	2530	1129	**BN18** 15
	41 W	3790	1658	**BN20** 15
	Warm white dimmable DALI			
	14 W	1180	601	**BN17** 15
	27 W	2370	1129	**BN19** 15
	41 W	3550	1658	**BN21** 15

Complete with power supply. Occupies 1 address.
DMX versions available on request.



light source	W	lm	length	code colour
LED	**Semi-acid etched glass**			
	Wall washer 11÷13 m			
	Neutral white dimmable DALI			
	14 W	1260	601	**BN04** 15
	27 W	2530	1129	**BN06** 15
	41 W	3790	1658	**BN08** 15
	Warm white dimmable DALI			
	14 W	1180	601	**BN05** 15
	27 W	2370	1129	**BN07** 15
	41 W	3550	1658	**BN09** 15

Complete with power supply. Occupies 1 address.
DMX versions available on request.

	Transparent glass			
	Wall washer 6÷8 m			
	RGB DMX-RDM			
	13 W	770	579	**BN31** 15
	27 W	1530	1071	**BN32** 15
	40 W	2300	1563	**BN33** 15
	RGBW DMX-RDM			
	13 W	990	579	**BN43** 15
	27 W	1980	1071	**BN44** 15
	40 W	2970	1563	**BN45** 15
	Wall washer 6÷10 m			
	WNC DMX-RDM			
	14 W	1210	579	**BP03** 15
	27 W	2420	1071	**BP04** 15
	41 W	3620	1563	**BP05** 15

Complete with electronic control card and power supply.

Compatible with light management systems
of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.

Linealuce Compact recessed

installation systems

	code	colour
Outer casing	**BZV3**	00
	for versions L=579	
	BZV0	00
	for versions L=601	
	BZV4	00
	for versions L=1071	
	BZV1	00
	for versions L=1129	
	BZV5	00
	for versions L=1563	
	BZV2	00
	for versions L=1658	

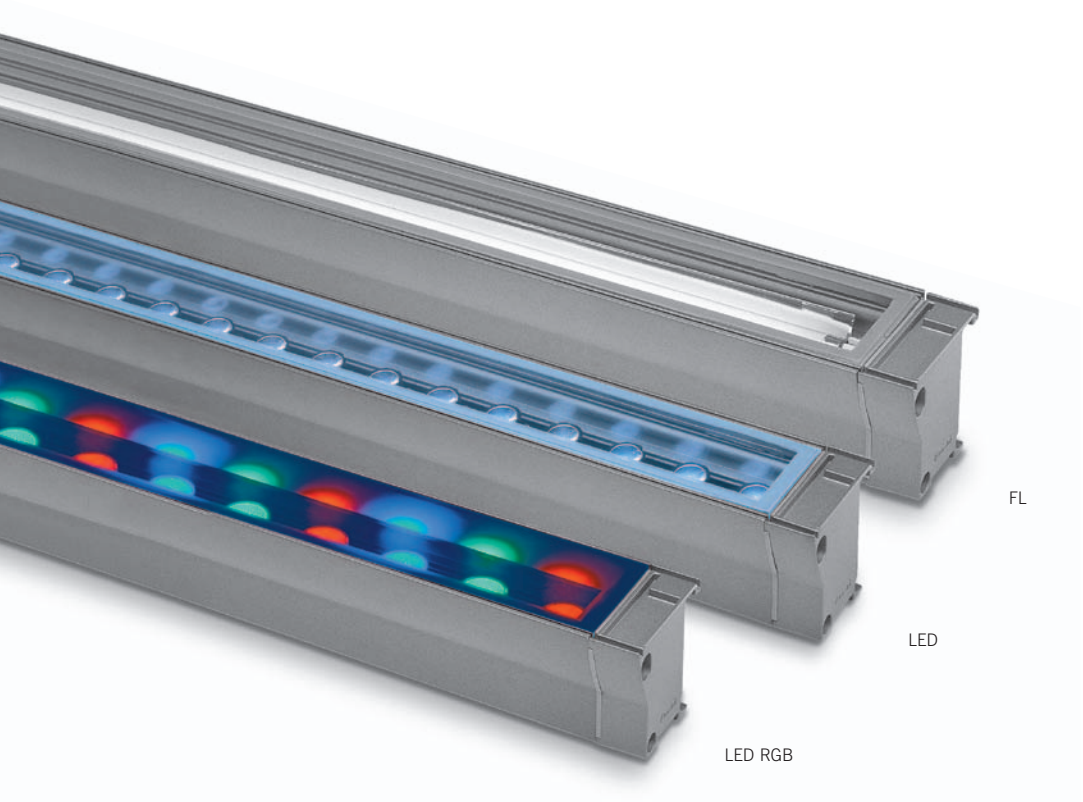
	code	colour
Steel cables kit L=570 with reinforcement plates	**5926**	00
for false ceiling application		
Steel cable L=200	**5925**	00
for wall application		

dimmable monochromatic and RGB LED components

	code	colour
5-pole connector IP68	**BZS6**	04
Y-coupling with 5 poles IP68	**BZN7**	00
For connection between DMX or DALI signal cable and power supply cable		

	code	colour
Cap for connectors + terminator resistance 120 Ω	**BZQ7**	00
for versions DMX-RDM		

Linealuce



FL

LED

LED RGB

Features

IP66 IK05

- Direct light luminaire for use with fluorescent lamps and LEDs.
- Wall-mounted, ceiling-mounted, pendant and on balustrade with optional supports.
- Body and support elements (ordered separately).
- Extruded aluminium body closed at the top by a transparent glass screen secured in place with silicone; with die-cast aluminium end caps complete with silicone seals; super-pure aluminium reflector for FL versions.
- LED versions available with RGB dynamic colour change compatible with lighting management systems.
- RGB DALI LED versions with DIRECT-DIM and FL DALI with SWITCH-DIM; possibility of also adjusting using a simple electric push-button.
- Luminaire ready for pass-through wiring.
- Temperature of contact < 40°C.
- All external screws are in A2 stainless steel.

LMS · R G B · DALI PROTOCOL · SWITCH DIM FL · DIRECT DIM LED

- **LED Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	T 16	ENERGY SAVING
1040	16W	21W	24%
2080	32W	39W	18%

(3000K) LED energy saving compared with traditional lamps

i.Lab italcementi - Stezzano, Italy

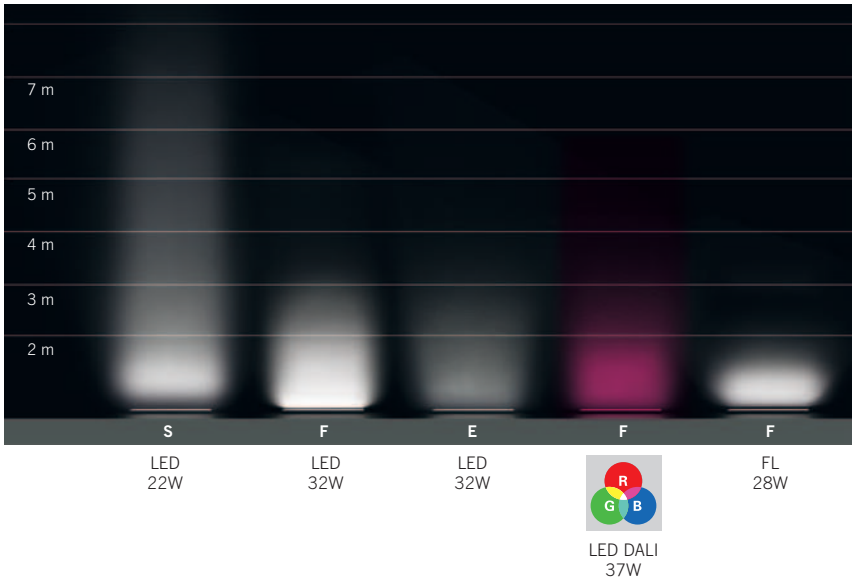
Architectural project: Richard Meier & Partners Architects LLP
Lighting project: Piero Castiglioni, Guido Bianchi
Photo: Paolo Carlini

Linealuce

15
GREY

Lighting performance

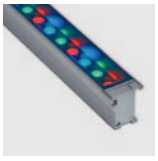
Performance comparison, with equal fluorescent/LED power for the various optics.



light source	W	lm	length	optic	code colour
LED	**Neutral white**				
	8,1 W	600	376	8°	**BB65** 15
	16 W	1200	638	8°	**BB66** 15
	24 W	1800	942	8°	**BB67** 15
	32 W	2400	1238	8°	**BB68** 15
	8,1 W	600	376	32°	**BB69** 15
	16 W	1200	638	32°	**BB70** 15
	24 W	1800	942	32°	**BB71** 15
	32 W	2400	1238	32°	**BB72** 15
	32 W	2440	1238	10°/48°	***BD65** 15
	Warm white				
	8,1 W	520	376	8°	**B745** 15
	16 W	1040	638	8°	**B747** 15
	24 W	1560	942	8°	**B749** 15
	32 W	2080	1238	8°	**B751** 15
	8,1 W	520	376	32°	**B746** 15
	16 W	1040	638	32°	**B748** 15
	24 W	1560	942	32°	**B750** 15
	32 W	2080	1238	32°	**B752** 15
	32 W	2110	1238	10°/48°	***BD66** 15
	Neutral white DALI (48÷56Vdc)				
	24 W	1800	942	8°	***BB81** 15
	35 W	2580	1303	8°	**BB83** 15
	24 W	1800	942	32°	***BB87** 15
	35 W	2580	1303	32°	**BB89** 15
	Warm white DALI (48÷56Vdc)				
	24 W	1560	942	8°	***BB82** 15
	35 W	2230	1303	8°	**BB84** 15
	24 W	1560	942	32°	***BB88** 15
	35 W	2230	1303	32°	**BB90** 15

Complete with power supply.
On request available with LED cool white and blue.
* L=942 version available upon request

Complete with electronic DALI control card.
Power supply to be ordered separately.
Occupies 1 address.
* L=688 version available upon request



light source	W	lm	length	optic	code colour
LED	**RGB DALI (48÷56Vdc)**				
	18 W	700	688	35°	**BA76** 15
	26 W	970	942	35°	**BA77** 15
	37 W	1390	1303	35°	**BA78** 15

Complete with electronic DALI control card.
Power supply to be ordered separately.
Occupies 1 address.

T 16 (G5)				
Electronic				
14 W	638	83°/107°	**7862** 15	
21 W	942	83°/107°	**7863** 15	
28 W	1238	83°/107°	**7864** 15	
35 W	1538	85°/105°	**7865** 15	
DALI				
21 W	942	83°/107°	**B857** 15	
28 W	1238	83°/107°	**B858** 15	
35 W	1538	85°/105°	**B859** 15	

Single entrance for power cord.
L=668 version available upon request.
DALI versions occupies 1 address.

Compatible with light management systems of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.

Linealuce

accessories and installation systems

	code	colour
Diffusing filter for FL versions	**5504**	65 for versions L=638
	5505	65 for versions L=942
	5506	65 for versions L=1238
	5507	65 for versions L=1538
Antiglare screen	**5594**	15 for versions L=376
	5508	15 for versions L=638
	5554	15 for versions L=688
	5509	15 for versions L=942
	5510	15 for versions L=1238
	5561	15 for versions L=1303
	5511	15 for versions L=1538
Longitudinal baffle cut-off 60°	**5520**	04 for versions L=638
	5521	04 for versions L=942
	5522	04 for versions L=1238
	5523	04 for versions L=1538
Transverse baffle cut-off 40°	**5524**	04 for versions L=638
	5525	04 for versions L=942
	5526	04 for versions L=1238
	5527	04 for versions L=1538
Longitudinal baffle cut-off 40°	**5516**	04 for versions L=638
	5517	04 for versions L=942
	5518	04 for versions L=1238
	5519	04 for versions L=1538

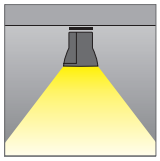
	code	colour
Plate used for support or ceiling installation	**5570**	00 for versions L=376-638-688-942
	5571	00 for versions L=1238-1303
Wall mounting plate	**5572**	15 for versions L=376-638-688-942
	5573	15 for versions L=1238-1303
Adjustable arms +/- 90° L=138 mm	**5576**	15
Arms extendable and adjustable +/- 90° L=309÷389	**5577**	15
Brackets for balustrade mounting L=297	**5578**	15
Suspension cable L=2000	**5588**	00
Suspension cable with power supply L=2000 For LED RGB and monochromatic LED DALI versions we recommend using 2 units (1 for the ower line and 1 for the DALI line)	**5589**	15 for LED and electronic FL versions
	BZ10	15 for FL DALI versions
Rod without power supply L=565	**5590**	15
Rod with power supply L=565 For LED RGB and monochromatic LED DALI versions we recommend using 2 units (1 for the ower line and 1 for the DALI line)	**5591**	15 for LED and electronic FL versions
	BZ11	15 for FL DALI versions

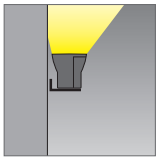
components

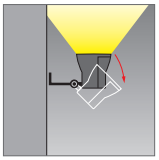
	code	colour
Electronic power supply designed to mount on a DIN standard profile 120W VIN=88÷264Vac / 47÷63Hz VOUT=48÷55V (SELV) Dim. 40x114x125h	**BZ14**	00
Electronic power supply designed to mount on a DIN standard profile 240W VIN=88÷264Vac / 47÷63Hz VOUT=48÷55V (SELV) Dim. 63x114x125h	**BZ15**	00
Electronic power supply designed to mount on a DIN standard profile 480W VIN=90÷264Vac / 47÷63Hz VOUT= 48÷55V (SELV) Dim. 86x114x125h	**BZ16**	00

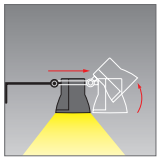
Installation

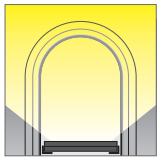
The vast range of installation systems designed for Linealuce enables a wide variety of applications designed to blend in with any architectural setting.


Ceiling-mounted


Wall-mounted

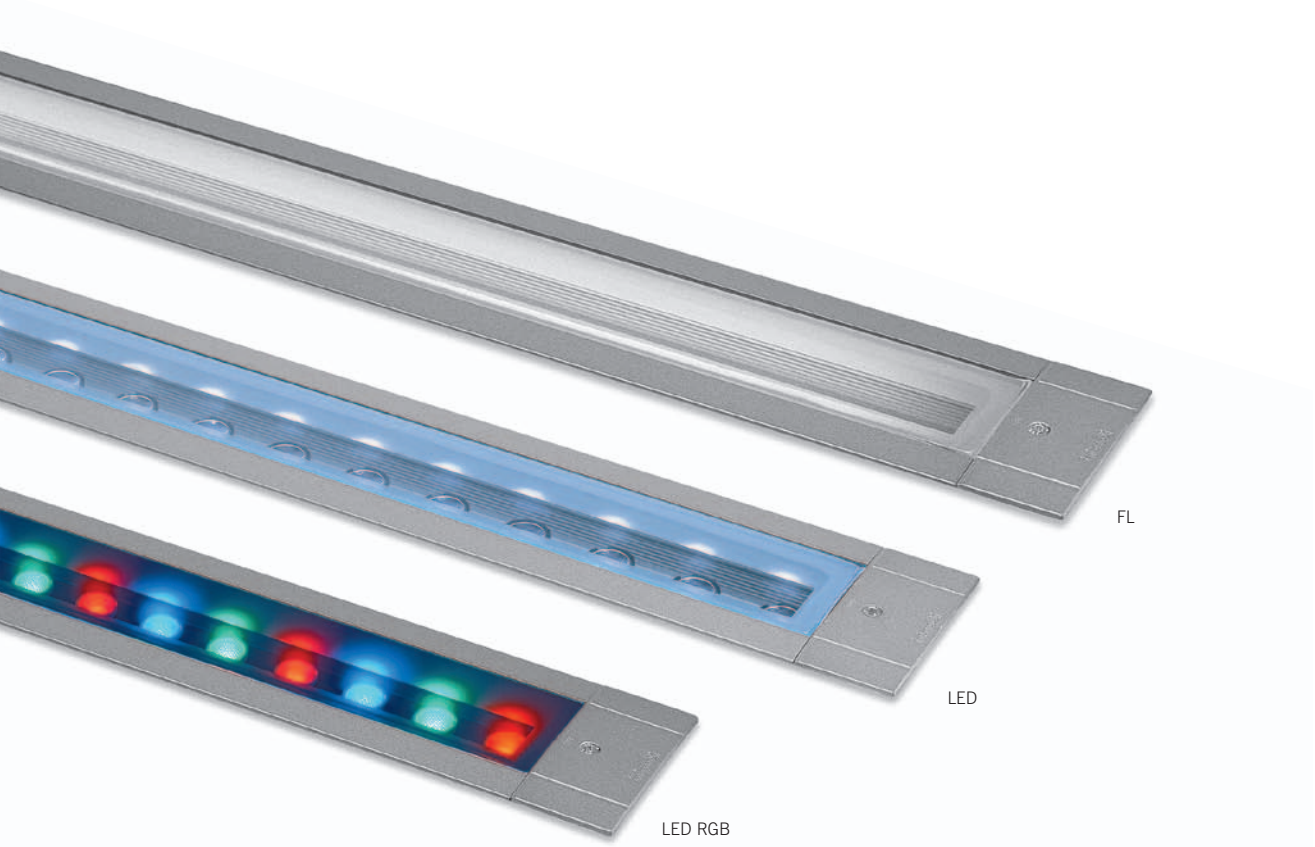

Wall-mounted with adjustable arms


Wall-mounted with extendable and adjustable arms


Balustrade

Pendant

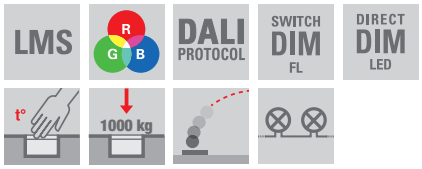
Linealuce recessed



Features

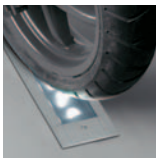
IP67 IK10

- Wall/ceiling/floor-recessed luminaire for use with fluorescent lamps and LEDs.
- Fitting has a body and counterframe for installation (which can be ordered separately).
- Extruded aluminium body closed at the top by a semi-acid etched or no-skid glass screen secured in place with silicone; with die-cast aluminium end caps complete with silicone seals; super-pure aluminium reflector for FL versions; aluminium outer casing with technopolymer caps.
- LED versions available with RGB dynamic colour change compatible with lighting management systems.
- RGB DALI LED versions with DIRECT-DIM and FL DALI with SWITCH-DIM; possibility of also adjusting using a simple electric push-button.
- Luminaire ready for pass-through wiring.
- Static load resistance 1000 Kg
- Temperature of contact < 40°C.
- All external screws are in A2 stainless steel.



Version equipped with no-skid glass

Temperature <40° C for LED versions



Static load resistance 1000 Kg

- **LED Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	T 16	ENERGY SAVING
1040	16W	21W	24%
1560	24W	35W	31%
2110	32W	39W	18%

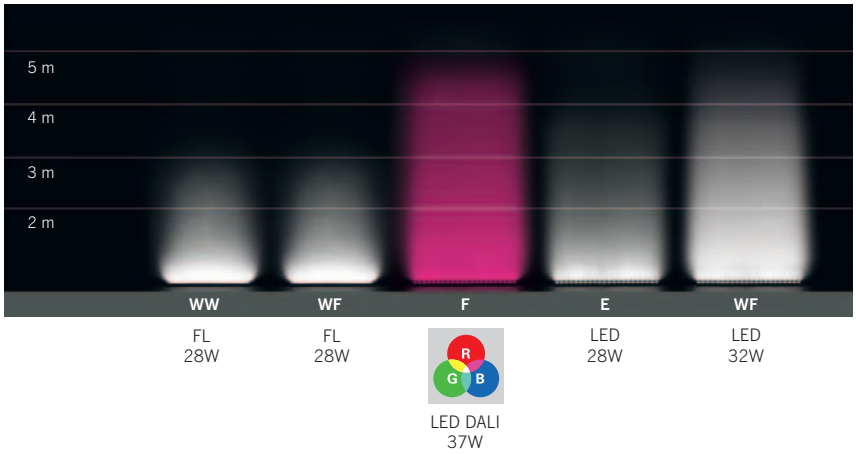
(3000K) LED energy saving compared with traditional lamps

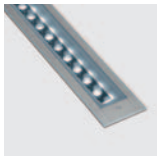
Linealuce recessed

15
GREY

Lighting performance

Performance comparison, with equal fluorescent/LED power for the various optics.





light source	W	lm	length	optic	code	colour
LED	**Semi-acid-finished glass**					
	Neutral white					
	16 W	1200	668	WW	**BB73**	15
	24 W	1800	972	WW	**BB74**	15
	32 W	2400	1268	WW	**BB75**	15
	32 W	2440	1268	10°/48°	***BD69**	15
	Warm white					
	16 W	1040	668	WW	**BA53**	15
	24 W	1560	972	WW	**BA56**	15
	32 W	2080	1268	WW	**BA59**	15
	32 W	2110	1268	10°/48°	***BD70**	15

On request available with LED cool white and blue.
* L=972 version available upon request

	Neutral white DALI					
	24 W	1830	972	WW	***BB93**	15
	35 W	2610	1334	WW	**BB95**	15
	Warm white DALI					
	24 W	1580	972	WW	***BB94**	15
	35 W	2260	1334	WW	**BB96**	15

Complete with electronic DALI control card.
Power supply to be ordered separately.
Occupies 1 address.
* L=719 version available upon request

	RGB DALI (48÷56Vdc)					
	18 W	700	719	WW	**BA70**	15
	26 W	970	972	WW	**BA71**	15
	37 W	1390	1334	WW	**BA72**	15

Complete with electronic DALI control card.
Power supply to be ordered separately.
Occupies 3 addresses

Compatible with light management systems of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.

light source	W	lm	length	optic	code	colour
LED	**No-skid glass**					
	Neutral white					
	16 W	1200	668	42°	**BB76**	15
	24 W	1800	972	42°	**BB77**	15
	32 W	2400	1268	42°	**BB78**	15
	Warm white					
	16 W	1040	668	42°	**BA62**	15
	24 W	1560	972	42°	**BA65**	15
	32 W	2080	1268	42°	**BA68**	15

On request available with LED cool white and blue.

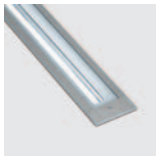
	Neutral white DALI					
	24 W	1830	972	42°	***BB99**	15
	35 W	2610	1334	42°	**BC02**	15
	Warm white DALI					
	24 W	1580	972	42°	***BC01**	15
	35 W	2260	1334	42°	**BC03**	15

Complete with electronic DALI control card.
Power supply to be ordered separately.
Occupies 1 address.
* L=719 version available upon request

	RGB DALI (48÷56Vdc)					
	18 W	700	719	47°	**BA73**	15
	26 W	970	972	47°	**BA74**	15
	37 W	1390	1334	47°	**BA75**	15

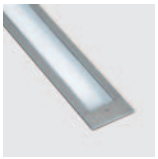
Complete with electronic DALI control card.
Power supply to be ordered separately.
Occupies 3 addresses

Linealuce recessed



light source	W	length	optic	code	colour
T16 (G5)	Electronic				
	8W	414	WW	**7878**	15
	14W	668	WW	**7879**	15
	21W	972	WW	**7880**	15
	28W	1268	WW	**7881**	15
	35W	1568	WW	**7882**	15
	DALI				
	21W	972	WW	**B861**	15
	28W	1268	WW	**B862**	15
	35W	1568	WW	**B863**	15

Ready for pass-through cables.
DALI versions (class I) occupy 1 address.
L=668 DALI version available upon request.



light source	W	length	optic	code	colour
T16 (G5)	Electronic				
	14W	668	91°	**7890**	15
	21W	972	91°	**7891**	15
	28W	1268	91°	**7892**	15
	35W	1568	91°	**7893**	15
	DALI				
	21W	972	91°	**B865**	15
	28W	1268	91°	**B866**	15
	35W	1568	91°	**B867**	15

Ready for pass-through cables.
DALI versions (class I) occupy 1 address.
L=668 DALI version available upon request.

accessories and installation systems

	code	colour
Diffusing filter for FL versions	**5501**	65
for versions L=414	**5504**	65
for versions L=668	**5505**	65
for versions L=972	**5506**	65
for versions L=1268	**5507**	65
for versions L=1568		
Micro-perforated screen for FL versions	**5913**	04
for versions L=414	**5914**	04
for versions L=668	**5915**	04
for versions L=972	**5916**	04
for versions L=1268	**5917**	04
for versions L=1568		

	code	colour
Outer casing	**5901**	00
for versions L=414	**5902**	00
for versions L=668	**BZ12**	00
for versions L=719	**5903**	00
for versions L=972	**5904**	00
for versions L=1268	**BZ13**	00
for versions L=1334	**5905**	00
for versions L=1568		
Steel cables kit L=570 with reinforcement plates for false ceiling application	**5926**	00
Steel cable L=200 for wall application	**5925**	00

components

	code	colour
Electronic power supply designed to mount on a DIN standard profile 120W VIN=88÷264Vac / 47÷63Hz VOUT=48÷55V (SELV) Dim. 40x114x125h	**BZ14**	00
Electronic power supply designed to mount on a DIN standard profile 240W VIN=88÷264Vac / 47÷63Hz VOUT=48÷55V (SELV) Dim. 63x114x125h	**BZ15**	00

	code	colour
Electronic power supply designed to mount on a DIN standard profile 480W VIN=90÷264Vac / 47÷63Hz VOUT= 48÷55V (SELV) Dim. 86x114x125h	**BZ16**	00

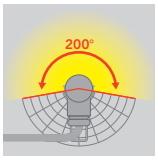
Led Tube

Features

IP67 IK07

- Direct light luminaire for use with monochromatic and RGB signalling LEDs.
- LED versions available with RGB dynamic colour change compatible with lighting management systems.
- Ceiling, wall and floor installation.
- Cylindrical body in extruded polycarbonate: end caps and cable clamp supports in die-cast zamak complete with silicone gaskets.
- Secured with stainless steel arms h=60 and h=120 mm.
- Luminaire ready for pass-through wiring.
- All external screws are in A2 stainless steel.

LMS DALI PROTOCOL DMX PROTOCOL



Distribution of light 200°

360° rotation relative to the accessory arm

Installed in a continuous line

Arm available in two heights: 60 and 120 mm

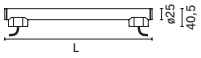
- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	T 16	ENERGY CLASS
360	3,8W	8W	52%
1080	11,5W	21W	45%
1440	15,4W	28W	45%

(3000K) LED energy saving compared with traditional lamps

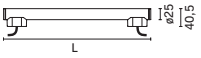
Led Tube

A5
CHROME/NITRIC



light source	W	lm	length	code colour
LED	Neutral white			
	3,8 W	390	415	**BJ45** A5
	7,7 W	780	815	**BJ47** A5
	11,5 W	1170	1215	**BJ49** A5
	15,4 W	1560	1615	**BJ51** A5
	Warm white			
	3,8 W	360	415	**BJ46** A5
	7,7 W	720	815	**BJ48** A5
	11,5 W	1080	1215	**BJ50** A5
	15,4 W	1440	1615	**BJ52** A5

24Vdc power supply to be ordered separately.
Complete with outgoing cables L=500



light source	W	lm	length	code colour
LED	RGB PWM			
	3,4 W	50	415	**BJ57** A5
	6,8 W	100	815	**BJ58** A5
	13,6 W	150	1215	**BJ59** A5
	17 W	200	1615	**BJ60** A5
	RGB DMX			
	3,4 W	50	415	***BJ53** A5
	6,8 W	100	815	***BJ54** A5
	13,6 W	150	1215	***BJ55** A5
	17 W	200	1615	***BJ56** A5

* Complete with electronic control card.
24Vdc power supply to be ordered separately.

Complete with outgoing cables L=500

Compatible with light management systems of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.

installation systems and components

	code	colour
Fixing arms		
h=60	**BZN5**	13
h=120	**BZN6**	13
Constant-voltage electronic ballast 50W 24V IOUT=2A	**MWK4**	00
Constant-voltage electronic ballast 70W 24V IOUT=2,9A	**MWK5**	00
DALI dimming interface monochromatic LED 120W 24V VIN=10-24Vdc VOUT=10,5-24Vdc	**MWP3**	00
Electronic power supply designed to mount on a DIN standard profile 10W VIN=220÷240Vac / 50÷60Hz VOUT=24Vdc ±2% (SELV)	**9908**	00
Electronic power supply designed to mount on a DIN standard profile 24W VIN=90÷-260Vac / 50÷60Hz VOUT=24Vdc ±2% (SELV)	**9909**	00
Electronic power supply designed to mount on a DIN standard profile 72W VIN=220÷240Vac / 50÷60Hz VOUT=24Vdc ±2% (SELV)	**9910**	00
Electronic power supply designed to mount on a DIN standard profile 96W VIN=220÷240Vac / 50÷60Hz VOUT=24Vdc ±2% (SELV)	**9911**	00

	code	colour
Electronic power supply designed to mount on a DIN standard profile 120W VIN=88÷264Vac / 50÷60Hz VOUT=24÷28Vdc (SELV) Dim. 40x114x125h	**BZK0**	00
Electronic power supply designed to mount on a DIN standard profile 240W VIN=88÷264Vac / 50÷60Hz VOUT=24÷28Vdc (SELV) Dim. 63x114x125h	**9912**	00
Colour LED Interface Number of DIN modules: 7 - Controls RGB PWM devices - Power consumption: 3 W - The number of devices controlled by each supplier is indicated in the instruction sheet - Occupies 3 DALI addresses	**9639**	00
Box for power supplies IP67 Dim. 140x230x95h	**9582**	00
2-way connector with 2-pin terminal board IP68 Suitable for cables 2x2,5 mm²	**BZK6**	00 for monochromatic LED
2-way connector with 5-pin terminal board IP68	**BZS6**	04 for RGB versions
Y-coupling with 5 poles IP68 For connection between DMX signal cable and power supply cable	**BZN7**	00 for RGB DMX versions
Cap for connectors + terminator resistance 120 Ω	**BZQ7**	00 for RGB DMX versions

Radius

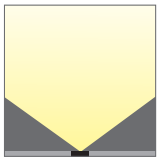
design Piero Castiglioni

15
GREY

Features

IP66 IK04 (IK08 with protection grid)

- Wall-washer luminaire, for use with metal halide lamps.
- Wall installation also for recessed version.
- Consists of a body and support (plate for wall-mounting or ground installation, moulding element for recessing).
- Cast aluminium body; optical system with glass lens.
- Power supply with a non-explosive power factor correction capacitor, ballast and starter.
- Luminaire ready for pass-through wiring.
- All screws are A2 stainless steel.

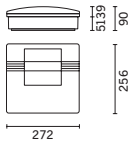


Light Sliver Optic

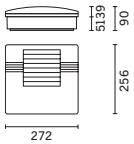
Protection grid IK08

Up-down light application

light source	W	code	colour
HIT-DE-CE (Rx7s)	70 W	**7366**	15
HST-DE (Rx7s)			



light source	W	code	colour
HIT-DE-CE (Rx7s)	Complete with protection grid 70 W	**7368**	15
HST-DE (Rx7s)			



installation systems

	code	colour
Ground fixing plate For poured concrete. Suitable for 1 or 2 opposite Radius fittings	**1079**	15
Wall fixing plate Suitable for 1 or 2 opposite Radius fittings	**1080**	15

	code	colour
Polystyrene body moulding cover + AISI 430 stainless steel casing For recessed mounting of fixture	**0233**	00

Floodlights

542 iPro micro
LED

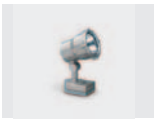
542 iPro mini
LED

544 iPro small
LED

544 iPro medium
LED

544 iPro large
LED

552 Miniwoody
LED



552 Woody
LED

560 MaxiWoody
compact
LED

560 MaxiWoody
small
LED

560 MaxiWoody
medium
LED

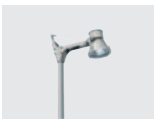
560 MaxiWoody
large
LED

566 Platea
LED

569 Lingotto

Systems with floodlights are presented in the chapter on "Pole-mounted systems"

481 MultiPro
LED



461 CityWoody
LED

467 FrameWoody
LED

473 MultiWoody
LED

409 Platea System
LED

The codes, technical and lighting design features of this floodlight are presented in the chapter on "Bollards and Systems for residential areas".

622 iTeka
LED

Collegiate - Beaune, France
Lighting project: Jean-François Touchard - Photo: Didier Boy de la Tour

Floodlights

Luminaires for urban areas	iPro large	MaxiWoody compact	MaxiWoody small	MaxiWoody medium	MaxiWoody large	Platea	Lingotto
Superspot optic	●	●	●	●	●		
Spot optic	●		●	●	●	●	
Medium optic		●	●	●	●		
Flood optic	●	●	●		●	●	●
Wide Flood optic		●	●	●			
Elliptical optic	●	●	●	●	●		
Longitudinal asymmetric optic	●	●				●	●
Transversal asymmetric optic	●						
Longitudinal Elliptical* optic						●	
Transversal Elliptical* optic						●	
Longitudinal Light Sliver optic						●	
Transversal Light Sliver optic						●	
LED lamp	●	●	●	●		●	
Traditional lamp	●	●	●	●	●	●	●

* The Elliptical optic is obtained by fitting the appropriate accessory.

Luminaires for residential areas	iPro micro	iPro mini	iPro small	iPro medium	Miniwoody	Woody
	●	●	●	●		●
	●		●	●	●	●
				●	●	
	●	●	●	●	●	●
	●	●				
					●	●
				●		
		●				
		●				
	●					
	●	●	●	●	●	●
			●	●	●	●

Floodlights

Visual comfort

A vast set of optical accessories is available, for reducing glare.

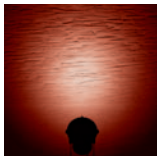
Directional flaps

Visor

Cylindrical screen

RGB

RGB LED technology generates variable coloured light. Mixing of the three primary colours (red, green, blue) produces a complete range of colours, creating impressive set-ups.



White Tuning

These versions allow continuous adjustment of the colour temperature from 2700 to 6000K.

Warm white
2700K

Neutral white
4000K

Cool white
6000K

Coloured filters

The luminaire/coloured filters combination uses colours to emphasise and change spaces and objects.

Coloured filters

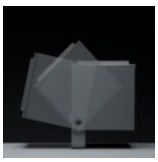
Diffusing filter

Installation of the diffusing filter improves uniformity on the surface lit.

Prismatic filter
diffuser

Adjustability and locking mechanism

This system allows precision adjustment and locking of the floodlight angle, keeping the direction of the beam of light stable.


Inclination

Graduated scale
and locking
mechanism

Sacred Convent of Assisi - Assisi, Italy
Photo: Luca Petrucci

iPro

design Mario Cucinella

micro ⌀ 51

mini ⌀ 81

small ⌀ 132

medium ⌀ 155

large ⌀ 192

Masseria Ciura - Massafra (TA), Italy

Architectural project: Studio Esseelle - Mauro Lanotte - Photo: with kind permission from Studio Esseelle

iPro micro / mini

design Mario Cucinella

Features

IP66 IK07

- Direct light luminaire for use with LEDs.
- Installation on the ground, wall, ceiling and garden.
- Die-cast aluminium optical assembly and rear cap; transparent tempered sodium-calcium sealing glass, 4 mm thick, siliconed to optical assembly.
- All products are provided with lenses or high reflection flux enhancers in thermoplastic material.
- Mini body versions provided with electronic power supply; micro body with electronic power supply to be ordered separately except ground/ garden versions with in-ground spike (power supply integrated).
- LED versions available with RGB dynamic colour change compatible with lighting management systems.
- Graduated scale and mechanical aiming lock.
- Luminaire ready for pass-through wiring.
- All external screws are in A2 stainless steel.

Compact size

Optics and lamps

SS - Superspot
α < 8°

S - Spot
α from 9° to 15

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

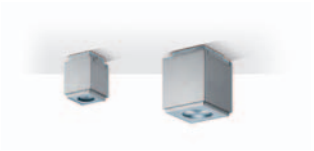
L - Light Sliver

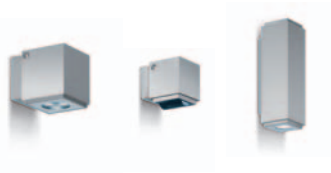
EL - Longitudinal Elliptical

ET - Transversal Elliptical

Versions

Micro and mini body floodlights are available in wall-/ceiling-mounted versions. The codes, technical and lighting design features are on page 666.





- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	ENERGY SAVING
360	4,7W	20W	76%

(3000K) LED energy saving compared with conventional lamps

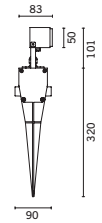
iPro micro / mini

01 WHITE

15 GREY

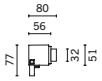
light source	W	lm	optic	code	colour
LED	Neutral white				
	4,7 W	390	L	**BJ88**	01-15
	2,2 W	190	8°	***BJ90**	01-15
	4,7 W	390	18°	**BJ94**	01-15
	4,7 W	390	26°	**BJ98**	01-15
	2,2 W	190	84°	***BK00**	01-15
	Warm white				
	4,7 W	360	L	**BJ89**	01-15
	2,2 W	180	8°	***BJ91**	01-15
	4,7 W	360	18°	**BJ95**	01-15
	4,7 W	360	26°	**BJ99**	01-15
	2,2 W	180	84°	***BK01**	01-15

Power supply to be ordered separately to 500mA
* Power supply codes max700 mA (for the a 500mA data refer to the on-line catalogue)



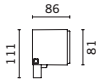
light source	W	lm	optic	code	colour
LED	Neutral white				
	4,7 W	390	18°	**BK14**	01-15
	4,7 W	390	26°	**BK16**	01-15
	Warm white				
	4,7 W	360	18°	**BK15**	01-15
	4,7 W	360	26°	**BK17**	01-15

Complete with power supply and pass-through wiring
Class of Insulation II



light source	W	lm	optic	code	colour
LED	Neutral white				
	2,2 W	190	8°	***BJ92**	01-15
	4,7 W	390	16°	**BJ96**	01-15
	Warm white				
	2,2 W	180	8°	***BJ93**	01-15
	4,7 W	360	16°	**BJ97**	01-15

Power supply to be ordered separately to 500mA
* Power supply codes max700 mA (for the a 500mA data refer to the on-line catalogue)



light source	W	lm	optic	code	colour
LED	Neutral white				
	4,7 W	400	8°	**BK18**	01-15
	4,7 W	400	ET	**BK20**	01-15
	4,7 W	400	EL	**BK22**	01-15
	4,7 W	400	34°	**BK24**	01-15
	4,7 W	400	90°	**BK26**	01-15
	Warm white				
	4,7 W	380	8°	**BK19**	01-15
	4,7 W	380	ET	**BK21**	01-15
	4,7 W	380	EL	**BK23**	01-15
	4,7 W	380	34°	**BK25**	01-15
	4,7 W	380	90°	**BK27**	01-15

Complete with power supply
Class of Insulation II

RGB					
	4,6 W	200	32°	**BK28**	01-15

DALI or DMX-RDM driver group
to be ordered separately.

Compatible with light management systems
of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.

installation systems and components	code	colour	code	colour
		51		81
Spike for ground application	---	---	**BZ60**	00
Electronic power supply 6W - IP20 VIN=100-240Vac / 50-60 Hz VOUT=12Vdc 500mA dim. 40x42x22h	**BZ98**	00	---	---
Electronic power supply 12W - IP20 VIN=220-240Vac / 50-60 Hz VOUT= 24Vdc 500mA dim. 38x119x28h	**BZ99**	00	---	---
Electronic power supply 20W - IP20 VIN=110-240Vac / 50-60 Hz VOUT=42Vdc 500mA dim. 38x119x28h	**BZA0**	00	---	---
Electronic power supply 17W - IP20 Vin=220-240Vac / 50-60 Hz Vout=2-25Vdc 700mA dim. 37x128x28h	**MXF9**	00 for BJ90-BJ91-BJ92 BJ93- BK00-BK01	---	---
Box for power supplies IP67 dim. 140x230x95h	**9582**	00 for BZ98-BZ99 BZA0-MXF9	---	---

	code	colour	code	colour
		51		81
Box for power supplies IP67 dim. 280x190x130h	---	---	**BZ33**	00 for 9586
Connector block with fast-coupling terminals IP66 Suitable for cables 2x4 mm²	**BZK7**	15	---	---
Watertight connector kit IP68	**9581**	04	**9581**	04 for monochromatic LED
Connector IP68 Suitable for cables 2x2,5 mm²	**BZK6**	00	---	---
Driver Group - Class II 220-240Vac Composed of DALI 350mA control interface and 30 W 48Vdc electronic power supply. Occupies 3 DALI addresses.	---	---	**9856**	00 for connecting max. 2 luminaires BK28
Driver Group - Class II 220-240Vac Composed of DMX-RDM control interface and 30 W 48Vdc electronic power supply.	---	---	**X001**	00 for connecting max. 4 luminaires BK28

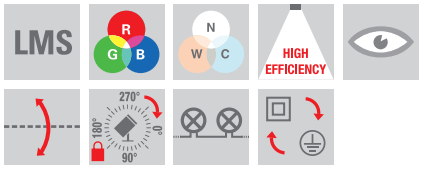
iPro small / medium / large

design Mario Cucinella

Features

IP66 IK07

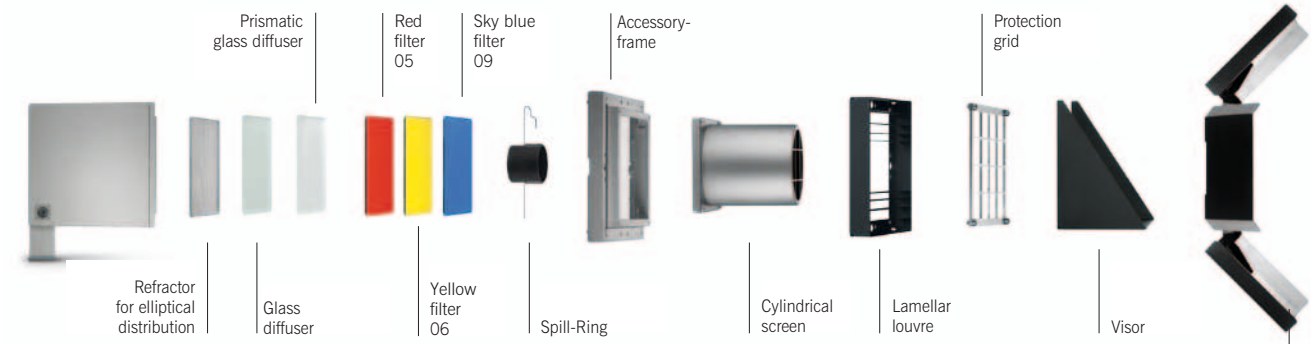
- Direct light luminaire for use with metal halide, sodium vapour, halogen lamps and LEDs.
- Installation on wall with bracket, surface and floor.
- Optical assembly and front frame made of die-cast material; hardened transparent sodium-calcium safety glass, 5 mm thick, siliconed to frame.
- Bracket made of extruded aluminium with silk-screened graduated scale for easier aiming operations.
- Internal silicone gaskets to guarantee water tightness.
- Circular and asymmetrical longitudinal reflectors made of 99.93% superpure aluminium subjected to anodic oxidation process and polishing.
- Asymmetrical transversal reflector made of 99.85% superpure aluminium subjected to anodic oxidation process.
- LED versions available with RGB dynamic colour change and WNC (White Tuning) compatible with lighting management systems.
- High level of light output.
- Graduated scale and mechanical aiming lock.
- Luminaire ready for pass-through wiring.
- Class II luminaire, set up for class I.
- All external screws are in A2 stainless steel.



Relamping without removing the accessories

Removable plate

Retention cable for frame



The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.

The combination of filters allows the lamp color features to be changed, to make the most of the objects lit or the space.

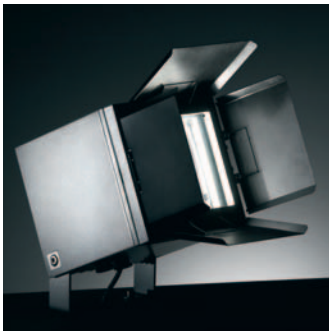
The directional flap can be fitted individually or with others (max. 4) depending on lighting design requirements

iPro small / medium / large

Visual comfort

The iPro system boasts a vast range of accessories for guaranteeing extremely flexible, effective lighting, providing the best solution for visual comfort, avoiding unwanted glare and reducing light pollution.

Visor

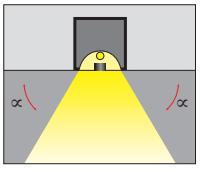
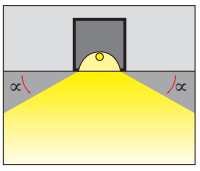


Directional flaps

Louvre

Spill-ring
A wide range of anti-glare spill-rings for maximum visual comfort.

Cut-off angles with and without spill ring

Spill-ring	Cut Off	Body	α
		small	60°
		medium	60°
		large	45°
no spill-ring		small	30°
		medium	40°
		large	30°

The screening angles data relate to luminaires with Superspot (SS) optics and Spot (S) optics. For data relating to Flood (F), Asymmetrical longitudinal (AL) and Asymmetrical Transversal (AT) optics, consult: http://catalog.iguzzini.com

iPro small / medium / large

Optics and lamps

SS - Superspot
α < 8°

S - Spot
α from 9° to 15

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

LED	10 - 18 - 27W
LED RGB	23 W
LED WNC	25 W
QR-CBC 51	50W
HIT-CE	20W

HIT-CE	70 - 150W
HIT-TC-CE	35W
HIT-DE-CE	70 - 150W
HST-DE	150W

E - Elliptical*

AL - Longitudinal asymmetric

AT - Asymmetrical transversal

* Elliptical optic is obtained by installing the respective accessories.

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	ENERGY SAVING
680	10W	35W	71%
1210	18W	50W	64%
2280	27W	2x50W	73%

(3000K) LED energy saving compared with conventional lamps

iPro system

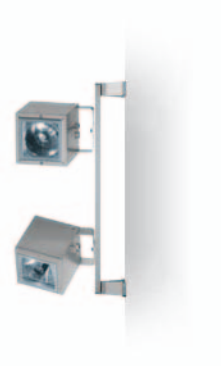
The large floodlight can be pole-mounted (Multipro system on page 481) and wall-mounted using the special accessory.

ceiling-mounted

wall-mounted

pole with arm

pole with flange

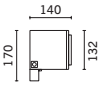


wall support

iPro small / medium / large

01 WHITE

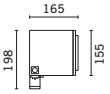
15 GREY



light source	W	lm	optic	code colour
LED	Neutral white			
	10 W	790	6°	**BD34** 01-15
	10 W	790	32°	**BD36** 01-15
	Warm white			
	10 W	680	6°	**BD35** 01-15
	10 W	680	32°	**BD37** 01-15
QR CBC 51 (GU5,3)	Electronic			
	50 W	12 V		**BD38** 01-15

Suitable for Energy Saver lamp
(Osram Decostar 51 ES and Philips MASTERline ES)
On request PAR 20 version (max 50W),
Osram Halopar 20 and Sylvania Hi-Spot 63 (code BD39)

HIT-CE (PGJ5)	Electronic			
	20 W		6°	**BD32** 01-15
	20 W		38°	**BD33** 01-15



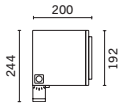
LED	Neutral white			
	18 W	1400	6°	**BD46** 01-15
	18 W	1400	32°	**BD48** 01-15
	Warm white			
	18 W	1210	6°	**BD47** 01-15
	18 W	1210	32°	**BD49** 01-15
HIT-TC-CE (G8,5)	Electromagnetic			
	35 W		10°	**BD44** 01-15
	35 W		20°	**BD45** 01-15

Class of Insulation I
To be used exclusively with lamps Osram and G.E.

	Electronic			
	35 W		6°	**BD40** 01-15
	35 W		10°	**BD41** 01-15
	35 W		20°	**BD42** 01-15
	35 W		AL	***BD43** 01-15

* Do not use with CMH-GE lamps

On request PAR 30 version
(max 100 W) (code BD50)
and TC-TEL (18 W) (code BD51)



light source	W	lm	optic	code colour
LED	Neutral white			
	27 W	2430	8°	**BG35** 01-15
	27 W	2430	34°	**BG37** 01-15
	Warm white			
	27 W	2280	8°	**BG36** 01-15
	27 W	2280	34°	**BG38** 01-15
	RGB DMX512-RDM			
	23 W	1280	8°	**BV60** 01-15
	23 W	1280	30°	**BV61** 01-15
	WNC DMX512-RDM			
	25 W	2320	8°	**BV62** 01-15
	25 W	2320	30°	**BV63** 01-15

Complete with power supply and electronic DMX512-RDM control card. DMX specifications require the insertion of a 120 Ohm terminating resistor **(code BZQ7)** to be placed between the DATA+ and DATA- cables of the last product in the line.
DALI versions available.

HIT-CE (G12)	Electromagnetic			
	70 W		10°	**BD57** 01-15
	70 W		38°	***BD58** 01-15
	150 W		8°	**BD59** 01-15
	150 W		36°	***BD61** 01-15

Class of Insulation I
* The Flood optic becomes Medium with HCI-T Powerball (Osram).

	Electronic			
	70 W		6°	**BD52** 01-15
	70 W		10°	**BD53** 01-15
	70 W		38°	***BD54** 01-15
	70 W		AL	**BD56** 01-15

* The Flood optic becomes Medium with HCI-T Powerball (Osram).

HIT-DE-CE (Rx7s)	Electromagnetic			
	150 W		AT	**BD62** 01-15
HST-DE (Rx7s)				

Class of Insulation I

HIT-DE-CE (Rx7s)	Electronic			
	70 W		AT	**BD55** 01-15

To be used exclusively with light sources with ceramic burner.

Compatible with light management systems of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.

luminaire	power	optic	coloured filter	glass diffuser/refractor		spill ring	spill ring + coloured filter	coloured filter + glass diffuser/refractor	coloured filter + cylindrical screen	coloured filter + no. directional flaps
			on accessory-frame	inside the body	on accessory-frame	inside the body	coloured filter on accessory-frame	on accessory-frame	on accessory-frame	on accessory-frame
	10W LED	6°/32°	●	●	●	●	●	●	●	●
	50W QR CBC 51	-	●	●	●	●	●	●	● for Spot	●
	20W HIT-CE	6°/38°	●	●	●	●	●	●	● for 6°	●
	18W LED	6°/32°	●	●	●	●	●	●	●	●
	35W HIT-TC-CE	6°/10°/20°/AL	●	●	●	●	●	●	● for 6°/10°	●
	27W LED	8°/34°	●	●	●	●	●	●	●	●
	70W HIT-CE	6°/10°/38°	●	●	●	●	●	●	● for 6°/10°	●
		AL	●	●	●	●	●	●	●	●
	70W HIT-DE-CE	AT	●	●	●	●	●	●	●	●
	150W HIT-CE	8°	●	●	●	●*	●	●	●	●
		36°	●	●	●	●*	●	●	●	●
	150W HIT-DE-CE HST-DE	AT	●	●	●	●	●	●	●	●

● Installation permitted ● Installation not permitted

* To be used exclusively with light sources with ceramic burner

iPro small / medium / large

accessories, installation systems and components			
	code colour	code colour	code colour
Accessory-frame For use installing accessories	**BZ49** 01-15	**BZ63** 01-15	**BZ77** 01-15
Refractor for elliptical distribution Installed with accessory-frame	**BZ53** 24	**BZ67** 24	**BZ80** 24
Glass diffuser Installed with accessory-frame	**BZ51** 65 no for LED	**BZ65** 65 no for LED	**BZ79** 65 no for LED
Prismatic glass diffuser Installed with accessory-frame	**BZ52** 24 for LED version	**BZ66** 24 for LED version	**1154** 24 for LED version
Coloured filters Installed with accessory-frame	**BZ50** 05-06 09	**BZ64** 05-06 09	**BZ78** 05-06 09
Cylindrical screen Installed with accessory-frame	**BZ57** 47-74 for BD32-BD38	**BZ72** 47-74 for BD40-BD41-BD44	**BZ86** 47-74 for BD52-BD53 BD57-BD59
Visor	**BZ59** 04	**BZ74** 04	**BZ88** 04
Single directional flap Installed with accessory-frame	**BZ58** 04	**BZ73** 04	**BZ87** 04
Protection grid Installed with accessory-frame	**BZ56** 13	**BZ71** 13	**BZ85** 13
Lamellar louvre for Asymmetrical Longitudinal optic	**---** ---	**BZ75** 04 for BD43	**BZ90** 04 for BD56
Lamellar louvre for Asymmetrical Transversal optic	**---** ---	**---** ---	**BZ89** 04 for BD55-BD62
Spill ring for optic Superspot and Spot	**BZ54** 04 for BD32	**BZ68** 04 for BD40-BD41-BD44	**6879** 04 for BD52-BD53 BD57-BD59
Spill ring for optic Medium and Flood	**BZ55** 04 for BD33	**BZ69** 04 for BD42-BD45	**6881** 04 for BD54-BD58-BD61
Spill ring for Asymmetrical Transversal optic	**---** ---	**---** ---	**BZ84** 04 for BD55-BD62
L-shaped bracket For installation on cornices	**BZ62** 15 (colour 01 on request)	**BZ76** 15 (colour 01 on request)	**BZ91** 15 (colour 01 on request)
Wall-mounted base	**BZI8** 01-15	**BZI9** 01-15	**BZM5** 01-15
Spike for ground application	**BZ60** 00	**---** ---	**---** ---
Strap for attaching to branches Section=40÷120 mm	**BZ61** 00	**---** ---	**---** ---
Multiple support for two floodlights	**---** ---	**---** ---	**6014** 15
Multiple support for three floodlights	**---** ---	**---** ---	**6015** 15

Sultan Hassan Mosque - Cairo, Egypt
Lighting project: Simos Simos - Foto: Matiaž Kainik

Woody

design Mario Cucinella

Miniwoody ø 85

Woody ø 140

MaxiWoody
compact ø 260

MaxiWoody
small ø 315

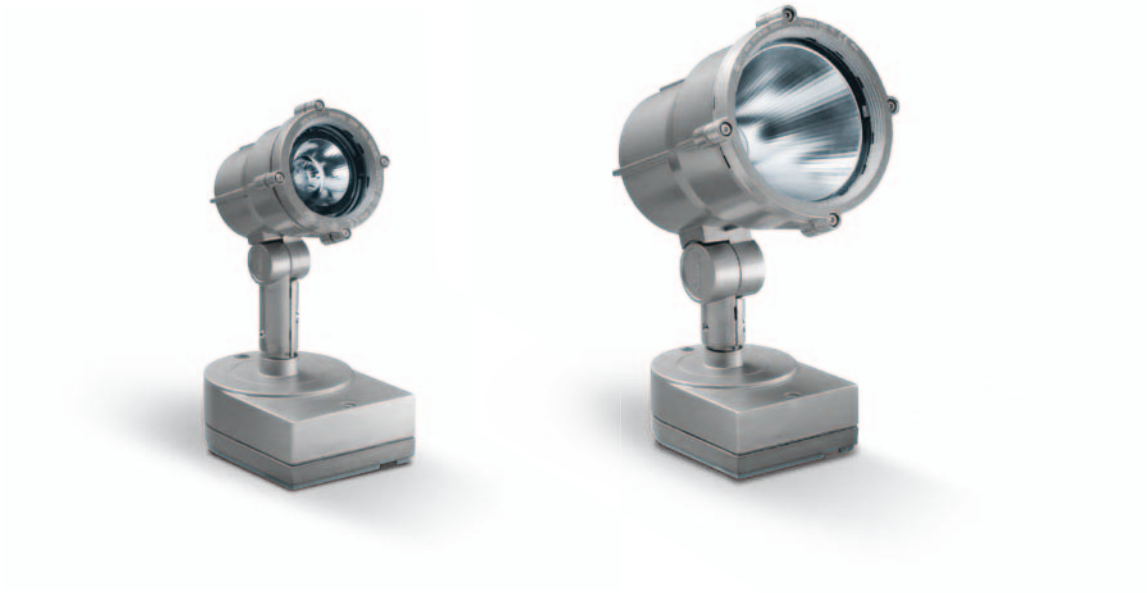
MaxiWoody
medium ø 380

MaxiWoody
large ø 484

Duomo - Florence, Italy

Works supervision: Andrea Carlesi, Giulia Secci
Lighting project: Illum Srl - Photo: Gabriele Mannelli

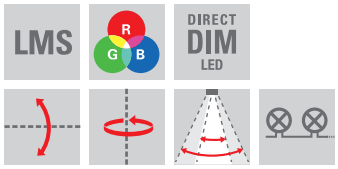
Miniwoody - Woody



Features

IP66 IK07 (Woody) IK08 (Miniwoody)

- Floodlight for use with halogen and discharge lamps, monochromatic and RGB LEDs.
- The fixture is installed in the ground, wall-mounted (with a fisher), pole-mounted, and branch-mounted.
- Equipped with an optical assembly and base or a component box (Woody discharge version).
- Optical assembly, arm, base and frame made of aluminium alloy; sodium-calcium tempered sealing features glass, transparent colourless, 4 mm-thick, and secured with captive screws; silicone gaskets between the glass and outer frame; reflector made of ultrapure aluminium.
- Frame has slots for rainwater drainage.
- Optical assembly double adjustability.
- LED versions available with RGB dynamic colour change compatible with lighting management systems.
- RGB LED versions with DIRECT-DIM: possibility of also adjusting using a simple electric push-button.
- Alogen versions with the possibility of adjusting light beam opening.
- Luminaire ready for pass-through wiring (except LED COB versions).
- All screws are A2 stainless steel.



Versions

Miniwoody

LED ø 85

discharge and halogen ø 85

Woody

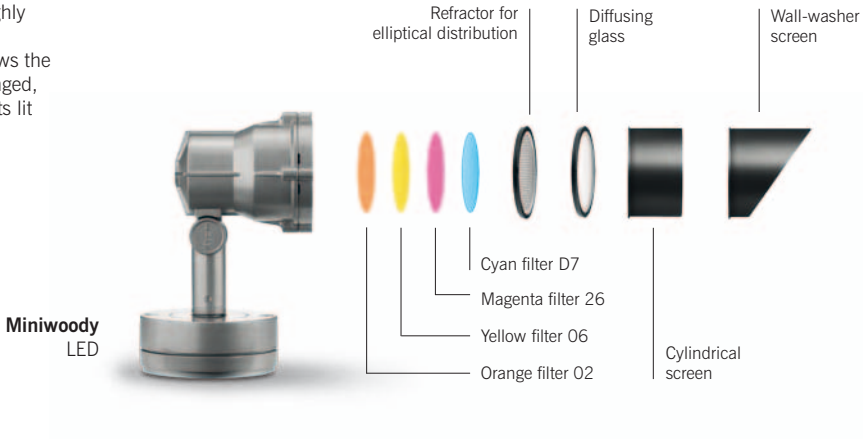
LED and HIT ø 140

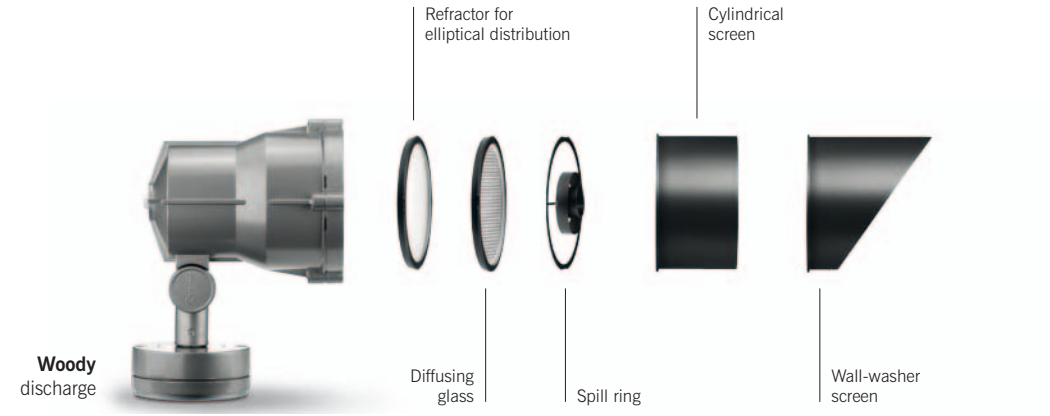
discharge ø 140

halogen ø 140

Miniwoody - Woody

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.
The combination of filters allows the lamp color features to be changed, to make the most of the objects lit or the space.





Installations

Miniwoody and Woody have a wide variety of installation systems, making them highly flexible.

Plate with spike for ground installation

Strap for attaching to branches

Base for attaching to 90° corner

Base for attaching to 90° angle

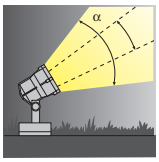
Support for attaching to pole

Miniwoody - Woody

Focusing

This optical device allows adjustment of the beam of light for a more precise lighting set-up.
Available in halogen version.

Spot optic (S)
Miniwoody
α 6-24°
Woody
α 4-10°



Flood optic (F)
Miniwoody
α 24-56°
Woody
α 14-50°

Optics and lamps

Miniwoody

SS - Superspot
α < 8°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

E - Elliptical*

LED	3,5 - 9W
HIT-CE	20W
QT 12 ES	35 - 50W

Woody

SS - Superspot
α < 8°

S - Spot
α from 9° to 15°

F - Flood
α from 26° to 39°

E - Elliptical*

LED	14 - 17W
LED RGB	11W
HIT-CE	35 - 50W
HIT-CE	20W
QT 12 ES	50 - 75W
QT 18	100W

* Elliptical optic is obtained by installing the respective accessories.

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	
230	3,5W	20W	82%
900	14W	50W	72%

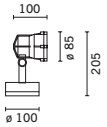
(3000K) LED energy saving compared with conventional lamps

Miniwoody

04
BLACK

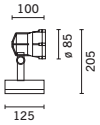
15
GREY

LED



light source	W	optic	code colour
LED	Neutral white Single Chip		
	3,5 W 260	10°	**BB22** 04-15
	3,5 W 260	24°	**BB23** 04-15
	Warm white Single Chip		
	3,5 W 230	10°	**B590** 04-15
	3,5 W 230	24°	**B591** 04-15
	Blue Single Chip		
	3,7 W 45	10°	**B587** 04-15
	3,7 W 45	22°	**B589** 04-15

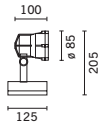
Complete with power supply.
On request available with LED cool white, red, green and amber.



light source	W	optic	code colour
LED	Neutral white COB		
	9 W 850	10°	**BU78** 04-15
	9 W 850	28°	**BU80** 04-15
	Warm white COB		
	9 W 780	10°	**BU79** 04-15
	9 W 780	28°	**BU81** 04-15

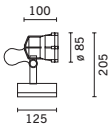
Complete with power supply

halogen



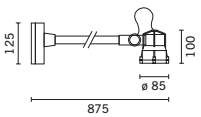
light source	W	optic	code colour
QT 12 ES (GY6,35)	Electronic		
	50 W max 12 V	6°	**B584** 04-15
	50 W max 12 V	14°	**B585** 04-15

discharge



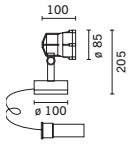
light source	W	optic	code colour
HIT-CE (PGJ5)	Electronic		
	20 W	18°	**B582** 04-15
	20 W	46°	**B583** 04-15

Class of Insulation I



light source	W	optic	code colour
HIT-CE (PGJ5)	Electronic		
	20 W	46°	**B592** 04-15

Class of Insulation I



box 210x74xh74
cable L=1700 mm

light source	W	optic	code colour
HIT-CE (PGJ5)	Electronic		
	35 W	18°	**BF92** 04-15
	35 W	54°	**BF93** 04-15

Class of Insulation I
Versions complete with armoured cable with stainless steel braid available on demand.

Miniwoody

accessories

	code	colour
Refractor for elliptical distribution	**1181**	24
Glass diffuser	**BZD5**	65
Prismatic glass diffuser	**6177**	24 for LED versions
Coloured filters	**B990**	02-06 26-D7 for BB22-BB23-B590 B591-BU78-BU79 BU80-BU81
External spill-ring	**BZD3**	04 for BF92-BU78-BU79

	code	colour
Cylindrical screen The use with prismatic glass diffuser code 6177 is recommended for COB LED versions	**BZD4**	04 for B582-BF92
	6178	04 for BU78-BU79
Wall-washer screen	**1182**	04-15
Interchangeable reflectors for LED COB		
spot (10°)	**6179**	12
flood (28°)	**6180**	12

installation systems

	code	colour
Base for attaching to 90° angle	**1189**	04-15 for BB22-BB23-B587 B589-B590-B591
Base for attaching to 90° corner	**1188**	04-15 for BB22-BB23-B587 B589-B590-B591
Support for attaching to pole Section=40÷60 mm	**1190**	04-15 for BB22-BB23-B587 B589-B590-B591
Stainless steel plate with spike for installation in gardens	**B989**	00 for BB22-BB23-B587 B589-B590-B591 BF92-BF93
	B988	00 for B582-B583-B584 B585-BU78-BU79 BU80-BU81

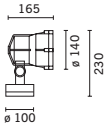
	code	colour
Strap for attaching to branches Section=40÷120 mm For greater diameters it is possible to couple the belts together.	**1187**	00 for BB22-BB23-B587 B589-B590-B591 BF92-BF93
	1183	00 for B582-B583-B584 B585-BU78-BU79 BU80-BU81
Stainless-steel plate with anchoring bolts for application to the ground	**1184**	00 for B582-B583-B584 B585-BU78-BU79 BU80-BU81
Fixing plate for IP67 box	**BZD2**	15 for BF92-BF93
Box for multiple connection IP68	**B915**	04 for B582-B583 B584 B585-B592-BF92-BF93 BU78-BU79-BU80-BU81

Woody

04
BLACK

15
GREY

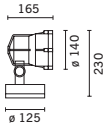
LED



light source	W	lm	optic	code colour
LED	Neutral white Single Chip			
	14 W	1040	8°	**BA40** 04-15
	14 W	1040	28°	**BA42** 04-15
	Warm white Single Chip			
	14 W	900	8°	**BA41** 04-15
	14 W	900	28°	**BA43** 04-15
	Complete with power supply			
	RGB Single Chip - DMX512-RDM			
	11 W	600	8°	**BV68** 04-15
	11 W	600	30°	**BV69** 04-15

Complete with electronic DMX512-RDM control card.
Power supply to be ordered separately.
DMX specifications require the insertion of a 120 Ohm terminating resistor **(code BZQ7)** to be placed between the DATA+ and DATA- cables of the last product in the line.
DALI versions available.

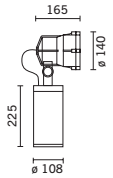
Compatible with light management systems of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.



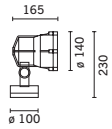
light source	W	lm	optic	code colour
LED	Neutral white COB			
	17 W	2000	10°	**BU82** 04-15
	17 W	2000	28°	**BU84** 04-15
	17 W	2000	41°	**BU86** 04-15
	Warm white COB			
	17 W	1920	10°	**BU83** 04-15
	17 W	1920	28°	**BU85** 04-15
	17 W	1920	41°	**BU87** 04-15

Complete with power supply

discharge

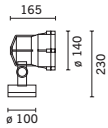


light source	W	optic	code colour
HIT-CE (G12)	35 W	16°	**7591** 04-15
	35 W	38°	**7592** 04-15
	70 W	16°	**7593** 04-15
	70 W	38°	**7594** 04-15

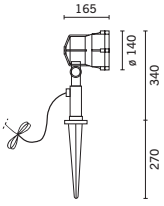


light source	W	optic	code colour
HIT-CE (GU6,5)	Electronic		
	20 W	4°	**BG17** 04-15
	20 W	40°	**BG18** 04-15

halogen



light source	W	optic	code colour
QT 12 ES (GY6,35)	Electronic		
	50 W max 12 V	4°	**7334** 04-15
	50 W max 12 V	14°	**7335** 04-15
	75 W max 12 V	4°	**7336** 04-15
	75 W max 12 V	14°	**7337** 04-15
QT 18 ES (B15d)	100 W max	14°	**7338** 04-15
	100 W max	26°	**7339** 04-15



light source	W	optic	code colour
QT 12 ES (GY6,35)	Electronic		
	50 W max 12 V	4°	**7353** 04-15
	50 W max 12 V	14°	**7354** 04-15
	75 W max 12 V	4°	**7355** 04-15
	75 W max 12 V	14°	**7356** 04-15
QT 18 ES (B15d)	100 W max	14°	**7357** 04-15
	100 W max	26°	**7358** 04-15

Completed with supply cable L=3 m

Woody

accessories

	code	colour
Refractor for elliptical distribution	**1185**	24
Glass diffuser	**BZF7**	65
Prismatic glass diffuser	**6181**	24 for LED versions
Internal spill-ring	**BZF5**	04 for BG17-BG18

	code	colour
Cylindrical screen The use with prismatic glass diffuser code 6181 is recommended for COB LED versions	**BZF6** **6182**	04 for BG17 04 for BU82-BU83
Wall-washer screen	**1186**	04-15
Interchangeable reflectors for LED COB		
spot (10°)	**6183**	12
flood (28°)	**6184**	12
wide flood (41°)	**6185**	12

installation systems

	code	colour
Support for attaching to pole Section=40÷60 mm	**1190**	04-15 for BA40-BA41-BA42 BA43-BG17-BG18-7334 7335-7336-7337-7338 7339-BV68-BV69
Support for pole fastening L=100 On poles with diameter from 80 to 120 mm	**5929**	04-15 for 7591-7592 7593-7594
Support for wall fastening L=100	**5928**	04-15 for 7591-7592 7593-7594
Support for double application on a pole L=100 On poles with diameter from 80 to 120 mm	**5930**	04-15 for 7591-7592 7593-7594
Fastening plate for low wall application	**5927**	04-15 for 7591-7592 7593-7594

	code	colour
Stainless steel plate with spike for installation in gardens	**B989** **B988**	00 for BA40-BA41-BA42 BA43-BG17-BG18 BV68-BV69 00 for BU82-BU83-BU84 BU85-BU86-BU87
Strap for attaching to branches Section=40÷120 mm For greater diameters it is possible to couple the belts together.	**1187** **1183**	00 for BA40-BA41-BA42 BA43-BG17-BG18-7334 7335-7336-7337-7338 7339-BV68-BV69 00 for BU82-BU83-BU84 BU85-BU86-BU87
Stainless-steel plate with anchoring bolts for application to the ground	**1184**	00 for BU82-BU83-BU84 BU85-BU86-BU87

components

	code	colour
Electronic power supply designed to mount on a DIN standard profile 120 W V_{IN}=88÷264Vac / 47÷63Hz V_{OUT}=48÷55V (SELV) Dim. 40x114x125h	**BZ14**	00 for BV68-BV69
Electronic power supply designed to mount on a DIN standard profile 240 W V_{IN}=88÷264Vac / 47÷63Hz V_{OUT}=48÷55V (SELV) Dim. 63x114x125h	**BZ15**	00 for BV68-BV69

	code	colour
Electronic power supply designed to mount on a DIN standard profile 480 W V_{IN}=90÷264Vac / 47÷63Hz V_{OUT}= 48÷55V (SELV) Dim. 86x114x125h	**BZ16**	00 for BV68-BV69
Box for multiple connection IP68	**B915**	04 for BU82-BU83-BU84 BU85-BU86-BU87

Villa Oplontis - Naples, Italy

Architectural project: Oplontis Archaeological Service - Lighting project: Roberto Casalone - Photo: Enrico Lattanzi

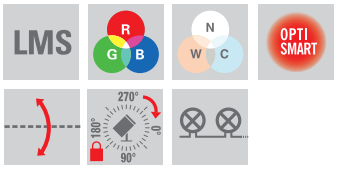
MaxiWoody

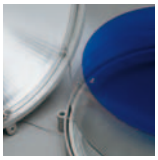
design Mario Cucinella

Features

IP67 IK08

- Direct light luminaire for use with metal halide, sodium vapour, and LEDs.
- The fixture is installed into the ground, wall-mounted (with a fisher).
- The fixture has an optical assembly and support.
- Optical assembly and frame in aluminium alloy; sodium-calcium tempered sealing glass, transparent colourless, 4 mm thick; superpure aluminium reflector.
- Optical assembly double adjustability.
- Graduated scale and mechanical aiming lock.
- High performance optics (Opti Smart) and uniform light distribution.
- Monochromatic LED version with 24/36-LED circuit, optics with plastic lenses, glass with customised serigraphy, and 100-265Vac 50/60Hz built-in electronic power supply.
- LED RGB and WNC (White Tuning) versions complete with power supply and DMX512-RDM electronic control card.
- Luminaire ready for pass-through wiring.
- All screws are A2 stainless steel.

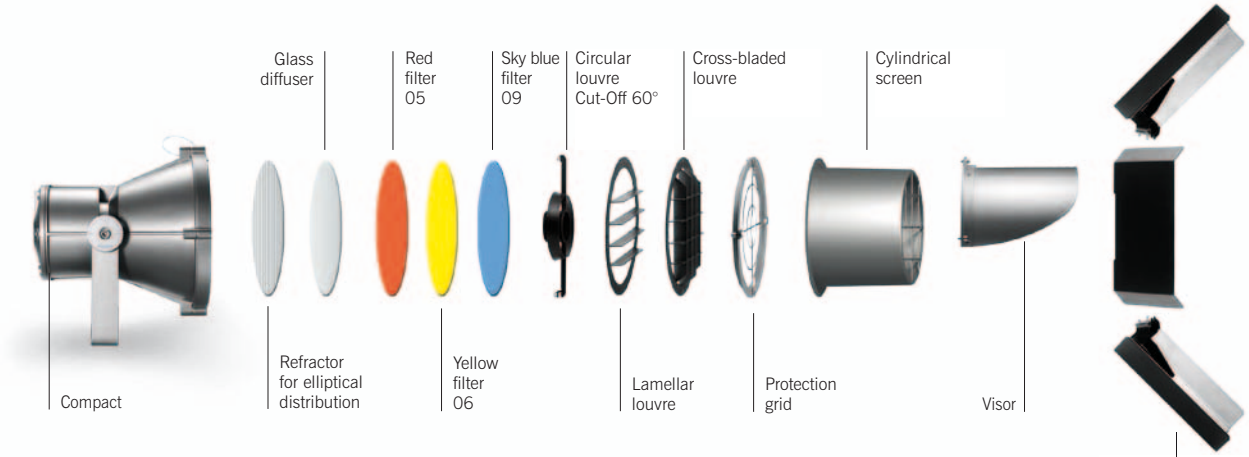




Retention cable

Slots allowing rainwater to run off

Removable plate



The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.

The combination of filters allows the lamp color features to be changed, to make the most of the objects lit or the space.

The directional flap can be fitted individually or with others (max. 4) depending on lighting design requirements

MaxiWoody

Visual comfort

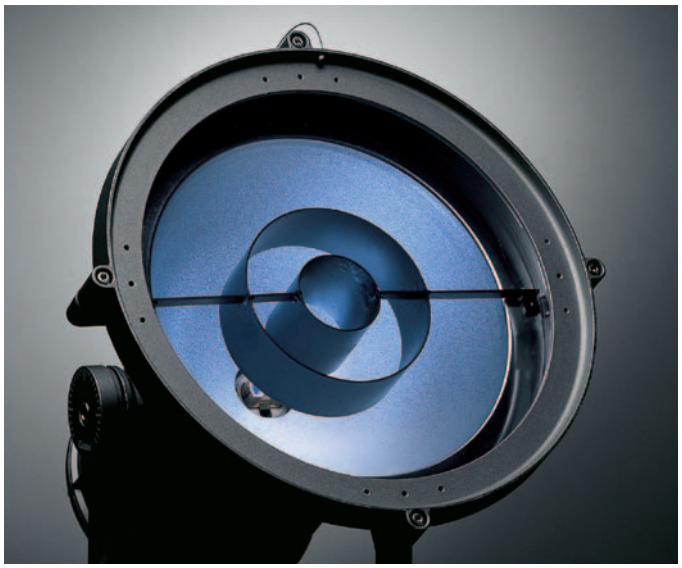
The MaxiWoody system boasts a vast range of accessories for guaranteeing extremely flexible, effective lighting, providing the best solution for visual comfort, avoiding unwanted glare and reducing light pollution.

Circular louvre Full Comfort

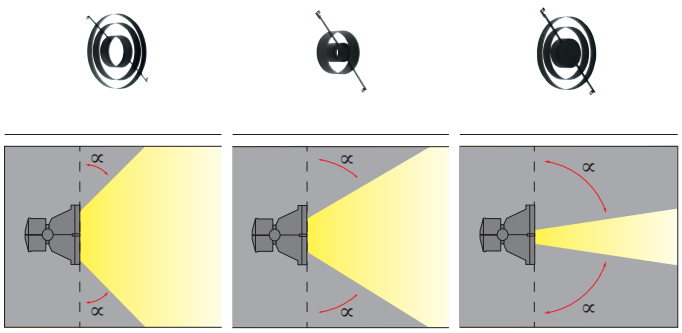
Lamellar louvre

Cross-bladed louvre

A wide range of anti-glare louvers for maximum visual comfort.



Circular louvre Cut-Off 45°	Circular louvre Cut-Off 60°	Circular louvre Full Comfort°



The screening of the louvers angles apply for all sizes of floodlight

MaxiWoody

Optics and lamps

SS - Superspot
α < 8°

S - Spot
α from 9° to 15

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

E - Elliptical*

LED	18 - 24 - 27 - 28W
	30 - 34 - 36 - 39W
	42 - 53W
LED RGB	34W
LED WNC	36W
HIT-CE	35 - 70 - 150W
	250W

TC-TEL	14 - 17W
TC-TEL	26 - 32 - 42W
HIT	250 - 400W
HIE/C/M	70 - 150W
HIT-CE	70W
HIE	250 - 400W

* Elliptical optic is obtained by installing the respective accessories.

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	HIT G12	ENERGY SAVING
1760	28W	35W	20%
2680	42W	70W	60%

(3000K) LED energy saving compared with conventional lamps

MaxiWoody system

This range of floodlights can be installed on three pole systems: CityWoody (page 461), FrameWoody (page 467), MultiWoody (page 473).

MultiWoody
horizontal arms

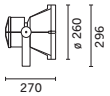
multiple
wall support

FrameWoody

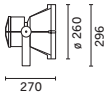
CityWoody
Specifically for street lighting

MaxiWoody

15
GREY

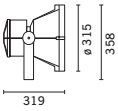


light source	W	lm	optic	code colour
LED	Neutral white Single Chip			
	28 W	2030	8°	**6146** 15
	28 W	2030	32°	**6148** 15
	27 W	1980	ALo	**6150** 15
	Warm white Single Chip			
	28 W	1760	8°	**6147** 15
	28 W	1760	32°	**6149** 15
	27 W	1980	ALo	**6151** 15
HIT-CE (G12)	35 W		6°	**6136** 15
	35 W		22°	**6137** 15
	35 W		56°	**6138** 15
	35 W		AL	**6139** 15
	70 W		6°	**6140** 15
	70 W		26°	**6141** 15
	70 W		58°	**6142** 15
	70 W		AL	**6143** 15
TC-TEL (GR14q-1)	14/17 W		56°	**6144** 15
TC-TEL (GX24q-3/4)	26/32/42 W		58°	**6145** 15



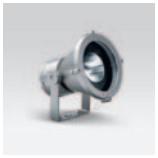
light source	W	lm	optic	code colour
LED	Neutral white COB dimmable 1-10V			
	24 W	3140	8°	**BU88** 15
	24 W	3140	30°	**BU90** 15
	24 W	3140	48°	**BU92** 15
	Warm white COB dimmable 1-10V			
	24 W	3000	8°	**BU89** 15
	24 W	3000	30°	**BU91** 15
	24 W	3000	48°	**BU93** 15
	Neutral white COB dimmable DALI			
	36 W	4190	8°	**BU94** 15
	36 W	4190	30°	**BU96** 15
	36 W	4190	48°	**BU98** 15
	Warm white COB dimmable DALI			
	36 W	4000	8°	**BU95** 15
	36 W	4000	30°	**BU97** 15
	36 W	4000	48°	**BU99** 15

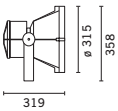
Complete with power supply
and electronic DALI control card.
DALI versions occupy 1 address.



light source	W	lm	optic	code colour
LED	Neutral white Single Chip			
	42 W	3090	8°	**BB28** 15
	42 W	3090	30°	**BB30** 15
	Warm white Single Chip			
	42 W	2680	8°	**BB29** 15
	42 W	2680	30°	**BB31** 15
	RGB Single Chip - DMX512-RDM			
	34 W	1800	8°	**BV52** 01-15
	34 W	1800	30°	**BV53** 01-15
	WNC Single Chip - DMX512-RDM			
	36 W	3340	8°	**BV54** 15
	36 W	3340	30°	**BV55** 15
HIT-CE (G12)	70 W		6°	**5650** 15
	70 W		26°	**5651** 15
	70 W		64°	**5614** 15
HIE (Osram) (E27)	70 W (HIE/C)		6°	**5652** 15
	70 W (HIE/M)		16°	
HST (E27)	70 W		6°	**5653** 15
HIT-CE (E27)				
HSE (E27)	70 W (HSE)		28°	**5654** 15
	70 W (HIE-CE)		16°	
HIE-CE (E27)				
HIT-CE (PGZ12)	60 W		ST	**5616** 15
HIT-DE-CE (Rx7s)	70 W		ST	**5684** 15
HST-DE (Rx7s)				

Complete with power supply and electronic DMX512-RDM control card. DMX specifications require the insertion of a 120 Ohm terminating resistor **(code BZQ7)** to be placed between the DATA+ and DATA- cables of the last product in the line. DALI versions available on request.





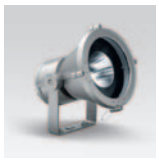
light source	W	lm	optic	code colour
LED	Neutral white COB dimmable DALI			
	53 W	7300	8°	**BV00** 15
	53 W	7300	30°	**BV02** 15
	53 W	7300	48°	**BV04** 15
	Warm white COB dimmable DALI			
	53 W	7000	8°	**BV01** 15
	53 W	7000	30°	**BV03** 15
	53 W	7000	48°	**BV05** 15

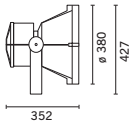
Complete with power supply
and electronic DALI control card.
DALI versions occupy 1 address.

Compatible with light management systems
of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.

MaxiWoody

15
GREY

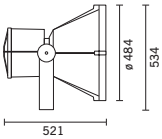




light source	W	lm	optic	code colour
LED	Neutral white Opti Smart			
	30 W	3180	ST1	**BV11** 15
	39 W	4120	ST1.2	**BV13** 15
	Neutral white Opti Smart DALI			
	18 W	1570	ST1C	**BV07** 15
	Neutral white Opti Smart bi-energy			
	18 W	1570	ST1C	**BV09** 15
	Warm white versions available on request			
HIT-CE (G12)	150 W		6°	**5658** 15
	150 W		16°	**5659** 15
	150 W		44°	**5618** 15
HIE/C (Sylvania) (E27)	150 W (HIE/C)		6°	**5660** 15
HIE/M (Sylvania) (E27)	150 W (HIE/M)		22°	
HIT-CE (PGZ12)	140 W		ST	**5620** 15
HIT-DE-CE (Rx7s)	150 W		ST	**5666** 15
HST-DE (Rx7s)				

The output lumen and power value of the systems refer to the Profiles with the greatest light efficiency (Profile 1 and 4). The values of other profiles can be consulted in the online catalogue: "http://catalog.iguzzini.com"

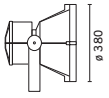
		code colour
USB pen profiler Complete with cable and battery		**BZX1** 04 for LED versions

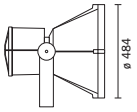


light source	W	optic	code colour
HIT (Osram) (E40)	250 W	8°	**5667** 15
	250 W	16°	**5668** 15
	400 W	6°	**5671** 15
	400 W	18°	**5673** 15
HIE (Osram) HIE (HCI-E) (E40) HSE (E40)	250 W	32°	**5669** 15
HST (E40)	250 W	6°	**5670** 15
HIT-CE (G12)	250 W	6°	**5622** 15
	250 W	20°	**5623** 15
	250 W	60°	**5624** 15
HIT (Osram) (E40) HST (E40)	400 W	6°	**5672** 15
HIE/M (Osram) (E40) HSE (E40)	400 W	44°	**5674** 15
HIT-TC-CE (G22)	600/1000 W	4°	**6167** 15
	600/1000 W	8°	**6168** 15
	600/1000 W	44°	**6169** 15

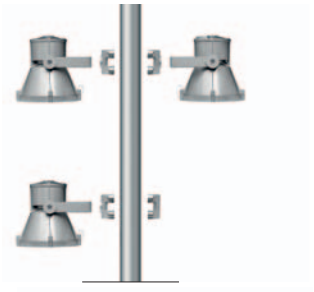
		code colour
IP65 aluminium box with ballast and capacitor		**6171** 15 for 600 W **6172** 15 for 1000 W

installation systems





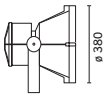
	code colour	code colour	code colour	code colour
Alluminium flange for installation on poles ø 120 mm The flanges with codes 6173-6174 are made of steel	**6012** 15 for 1 floodlight **6013** 15 for 2 floodlights	**6012** 15 for 1 floodlight **6013** 15 for 2 floodlights	**6012** 15 for 1 floodlight **6013** 15 for 2 floodlights	**6173*** 15 for 1 floodlight **6174*** 15 for 2 floodlights
Alluminium flange for installation on poles ø 102 mm	**6111** 15 for 1 floodlight **6112** 15 for 2 floodlights	**6111** 15 for 1 floodlight **6112** 15 for 2 floodlights	**6111** 15 for 1 floodlight **6112** 15 for 2 floodlights	--- ---
Reinforcement bracket for pole application	--- ---	--- ---	--- ---	**6175** 15
Multiple support for two floodlights	**6014** 15	**6014** 15	**6014** 15	--- ---
Multiple support for three floodlights	**6015** 15	**6015** 15	**6015** 15	--- ---
Ground anchoring plate	**5951** 15	**5951** 15	**5951** 15	**5951** 15
Accessory retention cable	**BZF1** 00	**5949** 00	**5949** 00	**5949** 00

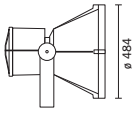


* For use with reinforcement bracket code 6175

MaxiWoody

accessories





	code colour	code colour	code colour	code colour
Refractor for elliptical distribution	**BZD8** 24 for 6136-6137-6138 6140- 6141-6142-6144 (14W)- 6145 (26W) and for LED COB versions	**1195** 24 for 5614-5650-5651 5652-5653-5654 and for LED COB versions	**1196** 24 for 5618-5658 5659-5660	**1197** 24 no for 600/1000 W
Glass diffuser	**BZD6** 65 for 6136-6137-6138 6140-6141-6142-6144 (14W)-6145 (26W)	**1158** 65 for 5614-5650-5651 5652-5653-5654	**1159** 65 for 5618-5658 5659-5660	**1160** 65 for 5667-5668-5669 5670-5671-5672 5673-5674
Prismatic glass diffuser	**6186** 24 for LED COB versions	**6190** 24 for LED COB versions	**---** ---	**---** ---
Coloured filters	**BZD7** 05-06 09 for 6136-6137-6138 6140-6141-6142-6144 (14W)-6145 (26W) and for LED COB versions	**1158** 05-06-09 for 5614-5650-5651 5652-5653-5654 and for LED COB versions	**1159** 05-06-09 for 5618-5658 5659-5660	**1160** 05-06-09 for 5667-5668 5669-5670
Visor	**BZE9** 15	**5940** 15	**5941** 15 for 5618-5658 5659-5660	**5942** 15
Cylindrical screen The use with prismatic glass diffuser is recommended for COB LED versions	**BZE7** 74 for 6136-6140-BU88 BU89-BU94-BU95	**6191** 74 for LED COB versions	**---** ---	**---** ---
Single directional flap	**BZE8** 04	**5937** 04	**5938** 04 for 5618-5658 5659- 5660	**5939** 04
Circular louvre Cut-Off 45°	**BZD9** 04 for 6136-6140 **BZE0** 04 for 6137-6138 6141-6142	**5952** 04 for 5614-5650-5651 5652-5653-5654	**5953** 04 for 5618-5658 5659-5660	**5954** 04 no for 600/1000 W
Circular louvre Cut-Off 60°	**---** ---	**BZ09** 04 for 5614-5650-5651	**BZ26** 04 for 5618-5658-5659	**BZ30** 04 for 5622-5623-5624
Circular louvre Full Comfort	**BZE3** 04 for 6136-6137-6138 6140-6141-6142	**BZ08** 04 for 5614-5650-5651	**BZ25** 04 for 5618-5658-5659	**BZ29** 04 for 5622-5623-5624
Lamellar louvre	**BZE4** 04 for 6136-6137-6138 6140-6141-6142	**BZ23** 04 for 5614-5650-5651	**BZ27** 04 for 5618-5658-5659	**BZ31** 04 for 5622-5623-5624
Cross-bladed louvre	**BZE5** 04 for 6136-6137-6138 6140-6141-6142	**BZ24** 04 for 5614-5650-5651	**BZ28** 04 for 5618-5658-5659	**BZ32** 04 for 5622-5623-5624
Interchangeable reflectors for LED COB				
spot (8°)	**6187** 12	**6192** 12	**---** ---	**---** ---
flood (30°)	**6188** 12	**6193** 12	**---** ---	**---** ---
wide flood (48°)	**6189** 12	**6194** 12	**---** ---	**---** ---
Protection grid	**BZE6** 78	**5943** 78	**5944** 78	**5945** 78
Stainless steel anti-fall net	**---** --- ---	**---** --- ---	**---** --- ---	**6176** 00 for 600/1000 W

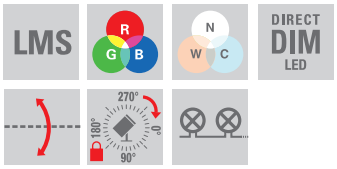
Platea

design P. Castiglioni - M. Cucinella

Features

IP66 IK08

- Direct light luminaire for use with metal halide, sodium vapour, halogen, fluorescent lamps and LEDs.
- The fixture is installed into the ground, wall-mounted and on pole.
- Optical assembly and frame in aluminium alloy; sodium-calcium tempered sealing glass, transparent; superpure aluminium reflector.
- Graduated scale and mechanical aiming lock.
- Monochromatic LED version with 36-LED circuit, optics with plastic lenses, glass with customised serigraphy or striped glass, and 100-265Vac 50/60Hz built-in electronic power supply.
- RGB LED version with 36 multicolour LED circuit, DALI electronic control board, optics with plastic lenses, glass with customised serigraphy or striped glass and 100-120/220-240Vac 50/60Hz built-in power supply.
- RGB LED versions with DIRECT-DIM: possibility of also adjusting using a simple electric push-button.
- Luminaire ready for pass-through wiring.
- All screws are A2 stainless steel.

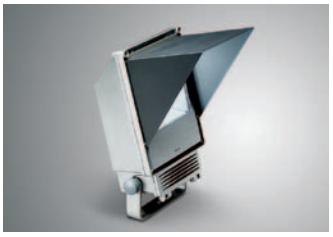


Platea system

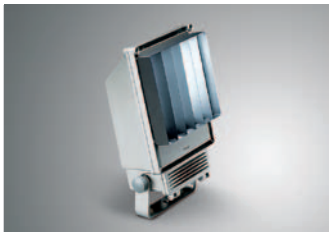
The floodlight can be pole-mounted.
The Platea system is presented
on page 409.

Platea

Visual comfort



Wall washer



Baffle

Optics and lamps

SS - Superspot
α < 8°

S - Spot
α from 9° to 15

F - Flood
α from 26° to 39°

A - Asymmetric

EL - Longitudinal Elliptical

ET - Transversal Elliptical

LL - Longitudinal Light Sliver

LT - Transversal Light Sliver

LED	40 - 42W
LED RGB	34W
LED WNC	36W
HIT-CE	70 -150W

HIT-DE-CE	70 -150W
HIT-DE	250W
HST-DE	70 - 150W
QT-DE 12	300W

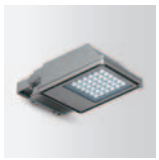
- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

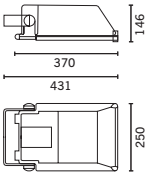
lumen lm	LED	HIT/HST	ENERGY SAVING	HME	ENERGY SAVING
2960	40W	83W	52%	92W	56%

(3000K) LED energy saving compared with conventional lamps

Platea

15
GREY





light source	W	lm	optic	code colour
LED	Neutral white			
	42 W	3210	8°	**BA44** 15
	42 W	3090	28°	**BA46** 15
	42 W	3090	LT	**BA48** 15
	42 W	3090	LL	**BA50** 15
	Warm white			
	42 W	2780	8°	**BA45** 15
	42 W	2680	28°	**BA47** 15
	42 W	2680	LT	**BA49** 15
	42 W	2680	LL	**BA51** 15
	40 W	2960	ALo	**BC46** 15
	Cool white			
	40 W	3460	ALo	**BC45** 15
	RGB DMX512-RDM			
	34 W	1800	8°	**BV44** 15
	34 W	1800	30°	**BV45** 15
	WNC DMX512-RDM			
	37 W	3340	8°	**BV46** 15
	37 W	3340	30°	**BV47** 15

Complete with power supply and electronic DMX512-RDM control card. DMX specifications require the insertion of a 120 Ohm terminating resistor **(code BZQ7)** to be placed between the DATA+ and DATA- cables of the last product in the line. DALI versions available.

HIT-CE (G12)	70 W		ST	**7444** 15
	70 W		E	**7385** 15
	70 W		LT	**7387** 15
	150 W		ST	**7445** 15
	150 W		E	**7386** 15
	150 W		LT	**7388** 15
	150 W		LL	**7399** 15
	250 W		ST	**7499** 15
HIT-DE-CE (Rx7s)	70 W		ST	**7698** 15
	70 W		A	**7377** 15
HST-DE (Rx7s)	70 W		72°/41°	**7379** 15
	150 W		ST	**7699** 15
	150 W		A	**7378** 15
	150 W		72°/41°	**7380** 15
HIT-DE-CE (Rx7s)	70 W		LA	**7396** 15
	150 W		LA	**7397** 15
HIT-DE (Fc2)	250 W		A	**7395** 15
	250 W		72°/41°	**7394** 15
	250 W		LA	**7369** 15
QT-DE12 ES (R7s)	300 W		A	**7393** 15
	300 W		72°/41°	**7392** 15
TC-T (GX24d-3)	2x26 W		96°/72°	**7376** 15

Compatible with light management systems of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.

accessories

	code	colour
Wall-washer screen	**1176**	04
	for 7376-7379-7380 7385-7386-7387-7388 7392-7394-BA44-BA45 BA46-BA47-BA48-BA49 BC45-BV44-BV45 BV46-BV47	
Baffle	**1177**	04
	for 7376-7379-7380 7385-7386-7391-7392 7394-BA44-BA45-BA46 BA47-BA50-BA51-BC45	

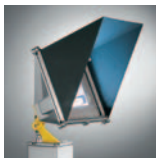
Lingotto

design Renzo Piano

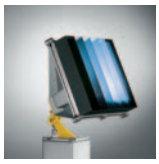
Features

IP66 IK07

- Direct light luminaire for use with metal halide, sodium vapour, and halogen lamps.
- The fixture is installed into the ground or wall-mounted.
- Lingotto has an optical assembly, a control gear box (for models with discharge lamps), and an arm.
- Optical assembly and aluminium glass-holding frame; sodium-calcium tempered sealing glass; steel retention cable, diameter of 1,6 mm, plasticcoated; 50 Shore silicone-coated black gasket; parabolic reflector made of aluminium sheet with a high-bright natural finish.
- Graduated scale and mechanical aiming lock.
- Pull-out aluminium control gear plate, subjected to a pre-anodizing and degreasing treatment; power supply with a non-explosive power factor correction capacitor, ballast, starter, and quick-connecting terminals.
- There is no light dispersion into he upper hemisphere above this luminaire.
- All screws are A2 stainless steel.



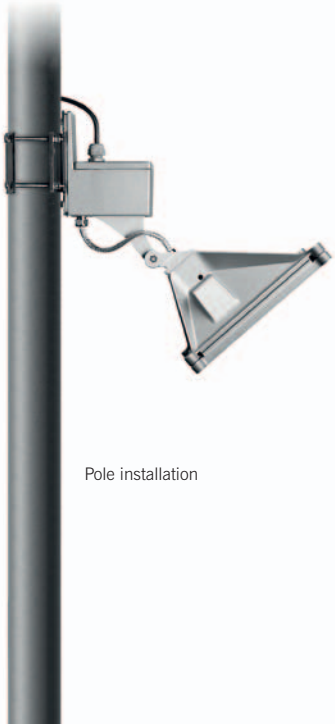
Wall washer



Baffle

Installations

Wall-mounted installation



Pole installation

Ground installation

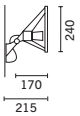
Lingotto

Optics and lamps

F - Flood
α from 26° to 39°

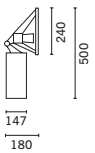
A - Asymmetric

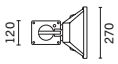
QT-DE 12 ES	300W
HIT-DE-CE	150W
HST-DE	150W
HIT-DE	250 - 400W
HST-DE	250W



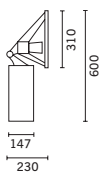
light source	W	optic	code	colour
QT-DE12 ES (R7s)	300W	A	**7018**	73
	300W	F	**7028**	73

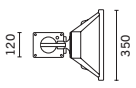
Complete with electrical wire L=450 mm





HIT-DE-CE (Rx7s)	150W	A	**7017**	73
	150W	F	**7027**	73
HST-DE (Rx7s)				





HIT-DE (Fc2)	250W	A	**7019**	73
	250W	F	**7029**	73
HST-DE (Fc2)				
HIT-DE (Fc2)	400W	A	**7020**	73
	400W	F	**7030**	73

accessories and installation systems	code	colour	code	colour
Baffle	**1177**	04	**1178**	04
Wall-washer screen	**1175**	04	**1176**	04
Steel flange for pole installation				
poles of ø 40 to ø 60 mm	**1170**	00	**1170**	00
poles of ø 60 to ø 102 mm	**1171**	00	**1171**	00
	for 7017-7018+1179 7027-7028+1179			
Steel plate for fixing to wall	**1172**	00	**1172**	00
	for 7017-7027			
Fixing box with terminal board	**1179**	15	**---**	---
	for 7018-7028			
Cast-iron plate for fixing to ground and/or wall	**1173**	15	**1173**	15
	for 7017-7027			
Bolts with plate for fixing to ground	**0456**	00	**0456**	00
	for 1173		for 1173	

Bibieybat Mosque - Baku, Azerbaijan
Photo: Giuseppe Saluzzi

Recessed luminaires

Ground/floor-recessed luminaires

580 Light Up
Walk Professional
LED

586 Light Up
Light
LED

589 Light Up
Walk inox

591 Light Up
Garden
LED

593 Light Up
Balisage
LED

598 Ledplus
all glass
LED

600 Ledplus
stainless steel frame
LED

602 Ledplus
stainless steel frame
with screws
LED

610 Lun-Up
LED

Wall/ceiling-recessed luminaires

602 Ledplus
floor washer
LED

602 Ledplus
floor washer
LED

612 Pixy
LED

613 Walky
Miniwalky

616 iRound
LED

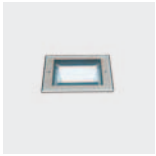
The codes, technical and lighting design features of these recessed luminaires are presented in the chapter on “Wall and ceiling-mounted luminaires”.

687 Full Square

689 Comfort

Aragon Pavilion at Zaragoza Expò 2008 - Zaragoza, Spain
Architectural project: Olano y Mendo Arquitectos - Photo: Josè Hevia

Recessed luminaires
ground/floor

	Light Up Walk professional	Light Up Walk professional	Light Up Light	Light Up Walk Inox	Light Up Garden	Light Up Balisage
						
Spot optic	●	●	●	●	●	
Medium optic	●		●	●	●	
Flood optic	●		●	●	●	
Wide Flood optic						
Wall Washer optic	●	●	●			
Floor washer optic						
Asymmetrical optic					●	
Elliptical optic	●		●	●		
Signalling	●	●				
Ground-level lighting						●
Floor installation	●	●	●	●	●	●
Wall installation						
LED lamp	●	●	●	●	●	
Traditional lamp	●	●	●	●		
DALI protocol	●	●	●			

● Adjustable optic

Ledplus All glass	Ledplus All glass	Ledplus Stainless steel frame	Ledplus Stainless steel frame	Ledplus Stainless steel frame with screws	Ledplus Stainless steel frame with screws	Lun-Up
				●		
						●
						●
			●	●	●	
●	●	●	●			
●	●		●	●		●
●	●	●	●	●	●	
●	●	●	●	●	●	●

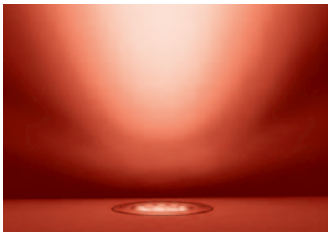
Recessed luminaires

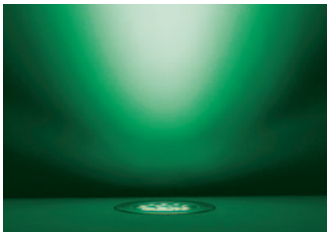
Visual comfort

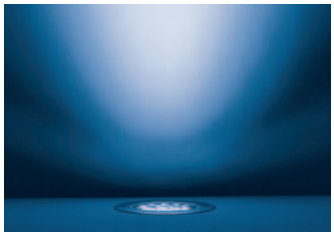
A vast set of optical accessories is available, for reducing glare and so optimising visual comfort.

RGB

RGB LED technology generates variable coloured light. Mixing of the three primary colours (red, green, blue) produces a complete range of colours, creating impressive set-ups which enhance details and parts of squares, monuments and parks.

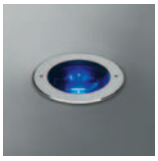






Filters

The luminaire/coloured filters combination uses colours to emphasise and change spaces and objects.



Coloured filters

Diffusing filter

Installation of the diffusing filter improves uniformity on the surface lit.

Prismatic filter diffuser

Static load resistance

Ground- and floor-recessed luminaires, depending on the materials used to make the luminaire body and outer casing for installation, have different maximum static load resistance.

Light Up
Walk Professional
5000Kg

Die-cast aluminium body

Aluminium casing

Light Up
Walk Light
3500Kg

Die-cast aluminium body

Plastic casing

Light Up
Walk Inox
2500Kg

Stainless-steel body

Plastic casing

Ledplus
stainless steel frame
1000Kg

Plastic body

Aluminium casing

Cultural Centre Niemeyer - Avilés, Spain
Architectural project: Oscar Niemeyer - Photo: 274 Km

Light Up

ø 130

⧈ 130

ø 312

⧈ 346

ø 145

ø 140

ø 148

ø 410

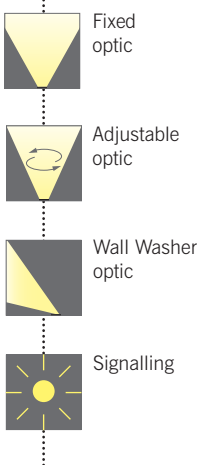
⧈ 444

ø 312

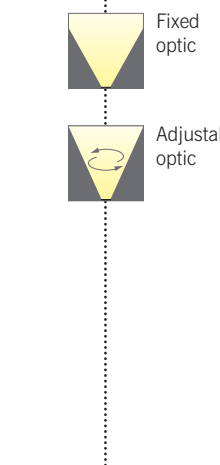
ø 229

ø 220

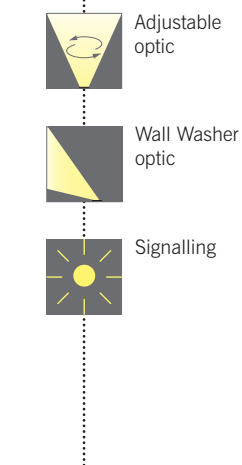
ø 148



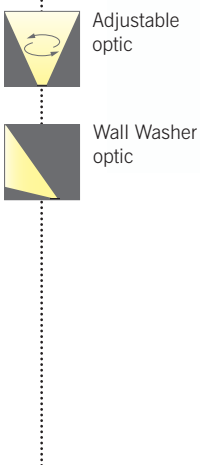
Walk professional
design Jean Michel Wilmotte



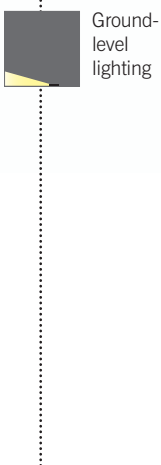
Light
design Jean Michel Wilmotte



Walk inox



Garden

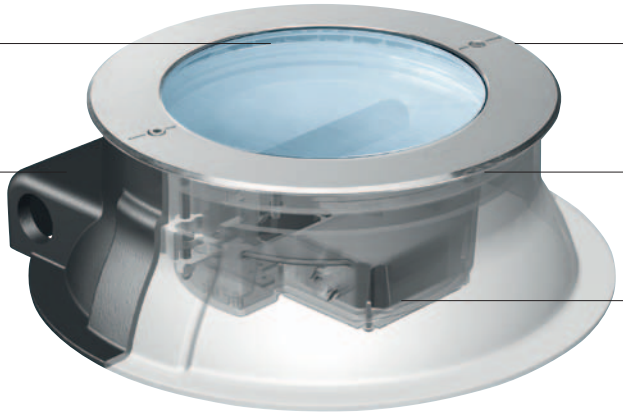


Balisage
design Gianfranco Paghera

Farnborough Business Park - Farnborough, United Kingdom
Architectural project: Bruce Gilbreth Architects - Lighting project: Light Bureau - Photo: James Newton

Light Up Walk professional

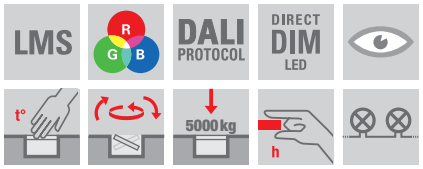
design Jean Michel Wilmotte



Features

IP67 IK10

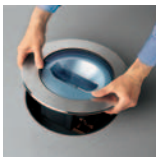
- Floor-recessed luminaire for use with halogen, discharge, fluorescent lamps and LEDs.
- Made of body and outer casing (tall or short)
- Cast aluminium structure; stainless steel AISI 304 bezel; tempered sealing glass; silicone water tight gasket; anti-glare screens designed for visual comfort; M15x1 nickel-plated brass cable clamp (M11x1 in small circular version) for connection between lower assembly and upper assembly.
- Cast aluminium outer casing.
- High visual comfort.
- Versions with adjustable optic.
- LED versions available with RGB dynamic colour change compatible with light management systems.
- RGB LED versions with DIRECT-DIM: possibility of also adjusting using a simple electric push-button.
- Temperature of contact <40° for LED versions.
- Luminaire reduced height.
- Luminaire ready for pass-through wiring.
- Static load resistance 5000 Kg
- All screws are A2 stainless steel.



Floor installation

Temperature <75° C

Static load resistance 5000 Kg



Easy installation

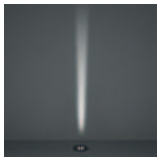
- **LED Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	ENERGY SAVING
840	14W	50W	72%

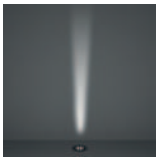
(3000K) LED energy saving compared with conventional lamps

Light Up Walk professional

Optics and lamps



SS - Superspot
α < 8°



S - Spot
α from 10° to 15°

F - Flood
α from 26° to 45°

WF - Wide Flood

WW - Wall Washer

E - Elliptical

	LED	1,2 - 14W		HST-DE	70 - 150W
	LED RGB	11W		HIT-DE	250W
	QR-CBC 35	20W		TC-D	18W
	HIT-CE	20W		TC-TEL	26 - 32 - 42W
	HIT-CE	20W			
	HIT-CE	35 - 70 - 150W			
	HIT-DE	70 - 150W			

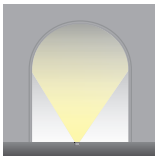
Double-adjustability LED version

The innovative Spot and Flood LED optic, consisting of two independently adjustable sections (±15°), allows the light flow to be directed onto the objects and surfaces to be lit without any loss of light intensity for each part of the optical assembly.

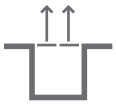
Flat

Semiflat

Oblique



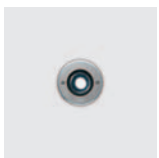
Divergent



ø 130
117

light source	W	lm	t °C	optic	code colour
LED	**Signalling**				
	Cool white				
	1,2 W	45	30		**B183** 13
	Warm white				
	1,2 W	85	30		**BD75** 13
	Blue				
	1,2 W	15	30		**B184** 13

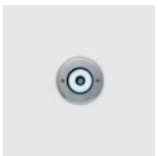
Complete with power supply.
On request available with LED red and green.



ø 130
117

light source	W	V	t °C	code colour
QR CBC 35 (GU4)	Adjustable optic ±12°			
	20 W	12 V	70	**B002** 13

Class of Insulation III
Transformer to be ordered separately.



ø 130
117

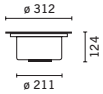
box 210x74xh74

light source	W	lm	t °C	optic	code colour
HIT-CE (PGJ5)	Adjustable optic ±7°				
	20 W		80	10°	**BF84** 13
	Fixed optic				
	20 W		80	54°	**BF85** 13

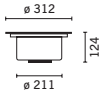
Complete with power supply

Light Up Walk professional

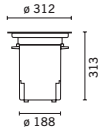
13
STEEL



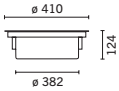
light source	W	lm	t °C	optic	code colour
LED	**Optic with double adjustment ±15°**				
	Neutral white				
	14 W	840	40	10°	**BB33** 13
	14 W	840	40	28°	**BB35** 13
	Warm white				
	14 W	840	40	10°	**BB34** 13
	14 W	840	40	28°	**BB36** 13
	RGB DALI				
	11 W	540	40	28°	**BB37** 13
	Complete with electronic DALI control card. Power supply to be ordered separately. Occupies 3 addresses.				
	RGB DMX-512-RDM				
	11 W	540	40	28°	**BV72** 13
	Complete with electronic DMX512-RDM control card. Power supply to be ordered separately. DMX specifications require the insertion of a 120 Ohm terminating resistor **(code BZQ7)** to be placed between the DATA+ and DATA- cables of the last product in the line.				



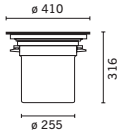
TC-D (G24d-2)	18 W		50	32°/71°	**B004** 13
	18 W		50	WW	**B003** 13
HIT-TC-CE (G8,5)	Electronic				
	20 W		55	6°	**B006** 13
	20 W		55	WW	**B005** 13
HIT-CE (G12)	Electronic				
	35 W		75	6°	**B008** 13
	35 W		75	WW	**B007** 13



	Adjustable optic 0°-25°				
HIT-CE (G12)	70 W		80	8°	**B012** 13
	Electronic				
	35 W		60	8°	**B009** 13
TC-TEL (GX24q-3/4)	Electronic				
	26/32/42 W		65		**B010** 13

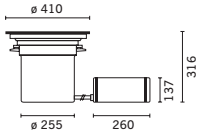


TC-TEL (GX24q-3/4/5)	Electronic				
	26/32/42 W		45	SM	**B017** 13
	26/32/42 W		50	WW	**B016** 13
HIT-DE-CE (Rx7s)	70 W		95	SM	**B021** 13
	70 W		85	WW	**B020** 13
HST-DE (Rx7s)					

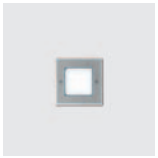


B022-B023

HIT-CE (G12)	Adjustable optic 0°-25°				
	70 W		70	10°	**B022** 13
	150 W		120	10°	**B023** 13
	150 W		75	10°	**B025** 13

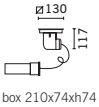


B025



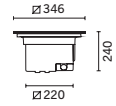
light source	W	lm	t °C	optic	code colour
LED	**Signalling**				
	Cool white				
	1,2 W	45	30		**B257** 13
	Warm white				
	1,2 W	85	30		**BD76** 13
	Blue				
	1,2 W	15	30		**B258** 13
	On request available with LED red and green.				

QR CBC 35 (GU4)	Adjustable optic ±12°				
	20 W	12 V	70		**B256** 13
	Class of Insulation III Transformer to be ordered separately.				

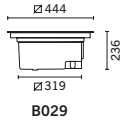


box 210x74xh74

HIT-CE (PGJ5)	Electronic - adjustable optic ±7°				
	20 W		80	10°	**BF86** 13
	Electronic - fixed optic				
	20 W		80	54°	**BF87** 13

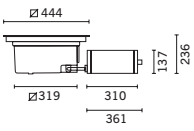


TC-TEL (GX24q-3/4/5)	Electronic				
	26/32/42 W		55	WW	**B028** 13
HIT-DE-CE (Rx7s)	70 W		70	WW	**B027** 13
HST-DE (Rx7s)					



B029

HIT-DE-CE (Rx7s)	150 W		75	WW	**B029** 13
HST-DE (Rx7s)					
HIT-DE (Fc2)	250 W		90	WW	**B031** 13



B031

Compatible with light management systems of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.

Light Up Walk professional

accessories and installation systems	ø 130 code colour	ø 346 code colour	ø 444 code colour
Refractor for elliptical distribution	**1181** 24 for BF84-BF85	**B922** 24 no for wall washer	**B923** 24 no for wall washer
Diffusing glass	**B917** 65 no for LED	**B918** 65	**B919** 65 no for B023
Diffusing prismatic glass It allows for a uniform distribution of light on the wall, reducing shadows	**---** ---	**BZM8** 24 for B003-B005-B007	**BZM9** 24 for B016-B018-B020
Coloured filters	**B917** 05-06 09 no for LED	**B918** 05-06 09 no for RGB	**B919** 05-06 09 no for B023
Coloured filters	**B950** 02-06 26-D7 for B183	**---** ---	**---** ---
Spill-ring	**BZF8** 04 for BF84 **BZF9** 04 for BF85	**---** ---	**---** ---
Die-cast aluminium casing	**B900** 04 for B002-B183 B184-BD75	**B901** 04 for B003-B004-B005 B006-B007-B008-BB33 BB34-BB35-BB36-BB37 **B902** 04 for B009-B010-B012	**B903** 04 for B016-B017 B020-B021 **B904** 04 for B022-B023 **B905** 04 for B025
Die-cast aluminium casing housing connector box	**B958** 04 for B002-BF84-BF85	**---** ---	**---** ---
Plastic casing housing connector box Static load resistance 500 Kg	**BZD0** 04 for B002-BF84-BF85	**---** ---	**---** ---
Cover plate for casing	**B909** 00	**B910** 00	**B911** 00
Suction cup	**B916** 00	**B916** 00	**B916** 00

Measurements of the casings are shown in the table on page 595.

components	code colour
Connector block with electronic transformer IP68	**B914** 04 for B002
Connector block without transformer IP68	**B915** 04 for B183-B184-BD75
Electronic power supply designed to mount on a DIN standard profile 120 W V_{IN}=88÷264Vac / 47÷63Hz V_{OUT}=48÷55V (SELV) dim. 40x114x125h	**BZ14** 00 for BB37
Electronic power supply designed to mount on a DIN standard profile 240 W V_{IN}=88÷264Vac / 47÷63Hz V_{OUT}=48÷55V (SELV) dim. 63x114x125h	**BZ15** 00 for BB37
Electronic power supply designed to mount on a DIN standard profile 480 W V_{IN}=90÷264Vac / 47÷63Hz V_{OUT}=48÷55V (SELV) dim. 86x114x125h	**BZ16** 00 for BB37

Light Up Walk professional

accessories and installation systems	130x130		346x346		444x444	
	code	colour	code	colour	code	colour
Refractor for elliptical distribution	**1181**	24 for BF86-BF87	---	---	---	---
Diffusing glass	**B965**	65 no for LED	**B920**	65	**B921**	65 no for B023
Diffusing prismatic glass It allows for a uniform distribution of light on the wall, reducing shadows	---	---	**BZN0**	24	**BZN1**	24
Coloured filters	**B965**	05-06 09 no for LED	**B920**	05-06 09	**B921**	05-06 09
Coloured filters	**B966**	02-06 26-D7 for B257	---	---	---	---
Spill-ring	**BZF8** for BF86 **BZF9** for BF87	04 04	---	---	---	---
Die-cast aluminium casing	**B962**	04 for B256-B257 B258-BD76	**B906**	04	**B907** for B029 **B908** for B031	04 04
Die-cast aluminium casing housing connector box	**B963**	04 for B256-BF86-BF87	---	---	---	---
Plastic casing housing connector box Static load resistance 500 Kg	**BZD1**	04 for B256-BF86-BF87	---	---	---	---
Cover plate for casing	**B964**	00	**B912**	00	**B913**	00
Suction cup	**B916**	00	**B916**	00	**B916**	00

Measurements of the casings are shown in the table on page 595.

components

	code	colour
Connector block with electronic transformer IP68	**B914**	04 for B256
Connector block without transformer IP68	**B915**	04 for B257-B258-BD76

Shanghai Expo 2010 UBPA Pavilion B3-2 - Shanghai, China
Architectural project: Archea - Photo: Hzcad Shanghai

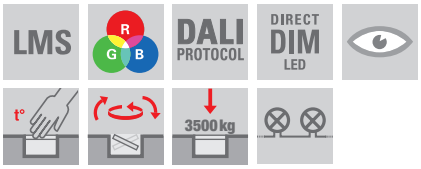
Light Up Light

design Jean Michel Wilmotte

Features

IP67 IK10

- Floor-/ground-recessed luminaire for use with halogen, discharge, fluorescent lamps and LEDs.
- Made of body and outer casing.
- Aluminium alloy body, AISI 304 stainless steel frame; tempered glass for closure, water-tight silicone gasket, anti-glare screen for visual comfort, M15x1 nickel-plated brass cable gland for connection between lower and upper compartments; positioning and anchoring of the compartment to the outer casing via 2 M6x25 UNI 5931 stainless steel screws.
- For installation, fitting has an outer casing made of black thermoplastic reinforced polypropylene.
- High visual comfort.
- Versions with adjustable optic.
- LED versions available with RGB dynamic colour change compatible with light management systems.
- RGB LED versions with DIRECT-DIM: possibility of also adjusting using a simple electric push-button.
- Temperature of contact <40° for LED versions.
- Luminaire ready for pass-through wiring.
- Static load resistance 3500 Kg.
- All screws are A2 stainless steel.



Floor installation

Ground installation

Temperature <75° C

Static load resistance 3500 Kg

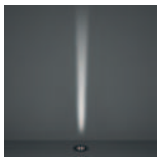
- **LED Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	
840	14W	50W	72%

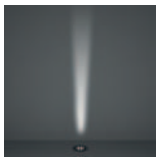
(3000K) LED energy saving compared with conventional lamps

Light Up Light

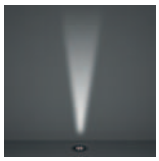
Optics and lamps



SS - Superspot
α < 8°



S - Spot
α from 9° to 15°



M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

VWF - Very Wide Flood

WW - Wall Washer

E - Elliptical*

LED	14W
LED RGB	11W
HIT-CE	35 - 70W
HIT-DE	70 - 150W
QR 111	50 - 75W
TC-D	18W

* Elliptical optic is obtained by installing the respective accessories.

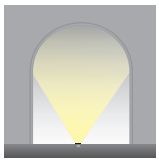
Double-adjustability LED version

The innovative Spot and Flood LED optic, consisting of two independently adjustable sections (±15°), allows the light flow to be directed onto the objects and surfaces to be lit without any loss of light intensity for each part of the optical assembly.

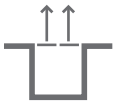
Flat

Semiflat

Oblique

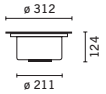


Divergent



Light Up Light

13
STEEL



light source	W	lm	t °C	optic	code colour
LED	**Optic with double adjustment ±15°**				
	Neutral white				
	14 W	840	40	10°	**BB38** 13
	14 W	840	40	28°	**BB40** 13
	Warm white				
	14 W	840	40	10°	**BB39** 13
	14 W	840	40	28°	**BB41** 13
	RGB DALI				
	11 W	540	40	28°	**BB42** 13

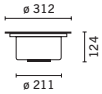
Complete with electronic DALI control card.
Power supply to be ordered separately.
Occupies 3 addresses

	RGB DMX-512-RDM				
	11 W	540	40	28°	**BV73** 13

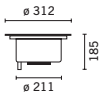
Complete with electronic DMX512-RDM control card.
Power supply to be ordered separately.
DMX specifications require the insertion of a 120 Ohm terminating resistor **(code BZQ7)** to be placed between the DATA+ and DATA- cables of the last product in the line.

Class of Insulation II

Compatible with light management systems of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.



B618-B619-B620
B621-B622-B626



B623-B624-B625

light source	W	t °C	optic	code colour
TC-D (G24d-2)	Adjustable optic 0-15°			
	18 W	50	34°/70°	**B618** 13
	Adjustable asymmetrical optic 0-15°			
	18 W	50	34°/70°	**B619** 13
HIT-CE (G12)	Electronic - adjustable optic 0-15°			
	35 W	85	12°	**B620** 13
	Adjustable optic 0-15°			
	70 W	110	12°	**B623** 13
	Electronic - fixed optic			
	35 W	75	47°/68°	**B621** 13
	35 W	75	WW	**B622** 13
	Fixed optic			
	70 W	110	47°/68°	**B624** 13
	70 W	110	WW	**B625** 13
QR 111 (G53)	Electronic - adjustable optic 0-15°			
	50/75 W 12 V	150		**B626** 13

Class of Insulation II

accessories and installation systems

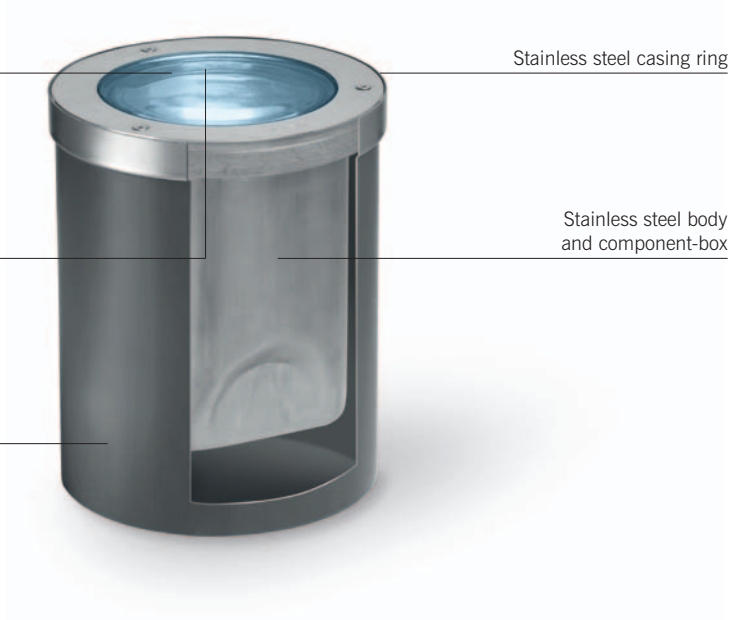
	code	colour
Refractor for elliptical distribution	**B922**	24
for B618-B619-B620 B621-B626-BB38-BB39 BB40-BB41-BB42		
Diffusing glass	**B918**	65
for B618-B619-B620 B621-B626-BB38-BB39 BB40-BB41-BB42		
Diffusing prismatic glass	**BZM8**	24
for B622		
It allows for a uniform distribution of light on the wall, reducing shadows		
Coloured filters	**B918**	05-06 09
for B618-B619-B620 B621-B626-BB38-BB39 BB40-BB41		
Filter for the reduction of glass temperature <75° C	**B991**	24
for B622		
Plastic casing	**B992**	04
Cover plate for casing	**B910**	00
Suction cup	**B916**	00

Measurements of the casings are shown in the table on page 595.

components

	code	colour
Electronic power supply designed to mount on a DIN standard profile 120 W	**BZ14**	00
for BB42		
VIN=88÷264Vac / 47÷63Hz VOUT=48÷55V (SELV) dim. 40x114x125h		
Electronic power supply designed to mount on a DIN standard profile 240 W	**BZ15**	00
for BB42		
VIN=88÷264Vac / 47÷63Hz VOUT=48÷55V (SELV) dim. 63x114x125h		
Electronic power supply designed to mount on a DIN standard profile 480 W	**BZ16**	00
for BB42		
VIN=90÷264Vac / 47÷63Hz VOUT=48÷55V (SELV) dim. 86x114x125h		

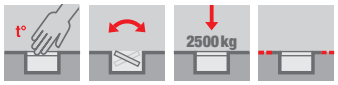
Light Up Walk inox



Features

IP67 IK10

- Floor-recessed luminaire for use with metal halide, halogen, sodium vapour, fluorescent lamps and LEDs.
- Made of body and outer casing.
- Body and frame made of AISI 304 stainless steel; glass closing ring made of die-cast aluminium; tempered safety glass with 8 mm thickness; PG16 cable clamp equipped with a 1 m power cable; superpure aluminium reflectors 99,8÷99,98%.
- Versions with adjustable optic.
- Outer casing for installation made AISI 304 stainless steel and thermoplastic material.
- Temperature of contact <40° for LED versions.
- Static load resistance 2500 Kg.
- All external screws are in A2 stainless steel.



Floor installation

Flush frame with screw antitheft

Easy maintenance

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

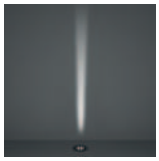
lumen lm	LED	QT 9	ENERGY SAVING
220	3,5W	20W	82%

(3000K) LED energy saving compared with conventional lamps

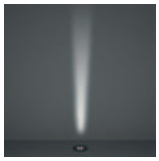
Light Up Walk inox

13
STEEL

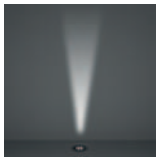
Optics and lamps



SS - Superspot
α < 8°



S - Spot
α from 9° to 15°



M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

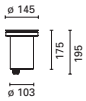
VWF - Very Wide Flood

A - Asymmetric

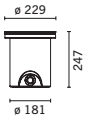
E - Elliptical*

	LED	3,5W		PAR 20	50W
	HIT-CE	20 - 35 - 70W		HIT-DE-CE	70W
	HST	70W		HST-DE	70W
	QR-CBC 51	20W		TC-TEL	14-17W

* Elliptical optic is obtained by installing the respective accessories.



light source	W	lm	t °C	optic	code colour
LED	Adjustable optic ±10° Neutral white				
	3,5W	260	40	6°	**BD24** 13
	Adjustable optic ±10° Warm white				
	3,5W	220	40	6°	**BD25** 13
QR CBC 51 (GU5,3)	Electromagnetic				
	20W 12V		65		**BD22** 13
	Suitable for Energy Saver lamp (Osram Decostar 51 ES and Philips MASTERline ES)				
PAR 20 (E27)	50W 230V		130		**BD23** 13



light source	W	t °C	optic	code colour
HIT-CE (G12)	Electronic - adjustable optic ±15°			
	20W	85	36°	**BD31** 13
	35W	90	36°	**BD26** 13
	Electromagnetic - adjustable optic ±15°			
	70W	140	36°	**BD27** 13
HST (E27)	Electromagnetic			
	70W	115	13°	**BD28** 13
HIT-CE (E27)	The light source can be angled at 25° to provide an asymmetrical flow of light.			
HIT-DE-CE (Rx7s)	Electromagnetic - asymmetrical optic			
	70W	140		**BD30** 13
HST-DE (Rx7s)				
TC-TEL (GR14q-1)	Electronic			
	14/17W	55	82°	**BD29** 13

accessories and installation systems	ø 145 code colour	ø 229 code colour
Refractor for elliptical distribution	**1902** 24 for BD22-BD23	**BZA1** 24 for BD26-BD31
Coloured filters	**8783** 05-06-09 for BD22-BD23	**8784** 05-06-09 for BD29 **BZA2** 05-06 09 for BD26-BD31
Spill-ring	**1904** 04 for BD22-BD23	**1905** 04 for BD29 **BZA3** 04 for BD26-BD31
Casing	**5997** 13	**5998** 13
Kit for screw antitheft	**BZA4** 13	**BZA4** 13
Key for screw antitheft	**0245** 00	**0245** 00

Measurements of the casings are shown in the table on page 595.

Light Up Garden

IP67 IK10

Features

- Ground-recessed luminaire for use with metal halide, halogen, sodium vapour, mercury, fluorescent lamps and LEDs.
- Body and frame made of AISI 304 stainless steel; tempered safety glass with 8 mm thickness; PG16 cable clamp equipped with a 1 m power cable.

Model also available with adjustable arms; superpure aluminium reflector.
- Versions with adjustable optic.
- Temperature of contact <40° for LED versions.
- Static load resistance 1000 Kg.
- All external screws are in A2 stainless steel.

Ground installation

Screw antitheft

Convex glass for water drainage

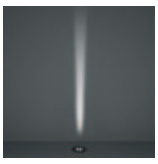
Versions with adjustable arms

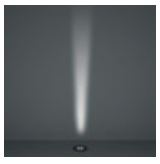
- **LED Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

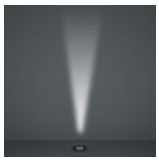
lumen lm	LED	QT 9	ENERGY SAVING
270	3,4W	20W	83%

(3000K) LED energy saving compared with conventional lamps

Optics and lamps


SS - Superspot
α < 8°


S - Spot
α from 9° to 15°


M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

VWF - Very Wide Flood

A - Asymmetric

E - Elliptical*

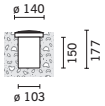
	LED	3,5 - 7,1W
	QR-CBC 51	20W
	PAR 20	50W
	HIT-DE	70W
	HST-DE	70W
	TC-D	13W

	HIT-CE	20 - 35 - 70W
	HIT-CE	70W
	HST	70W
	QR 111	75W
	PAR 30S	100W

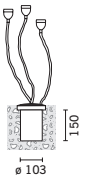
* Elliptical optic is obtained by installing the respective accessories.

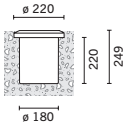
Light Up Garden

13
STEEL



light source	W	lm	t °C	optic	code colour
LED	Adjustable optic ±10° Neutral white				
	3,5 W	260	40	26°	**7111** 13
	Adjustable optic ±10° Warm white				
	3,5 W	220	40	26°	**7112** 13
QR CBC 51 (GU5,3)	Electromagnetic				
	20 W 12 V		65		**7160** 13
	Suitable for Energy Saver lamp (Osram Decostar 51 ES and Philips MASTERline ES)				
PAR 20 (E27)	50 W 230 V		130		**7162** 13
LED	Neutral white				
	7,1 W	420	40	32°	**7196** 04
	Warm white				
	7,1 W	360	40	32°	**7197** 04



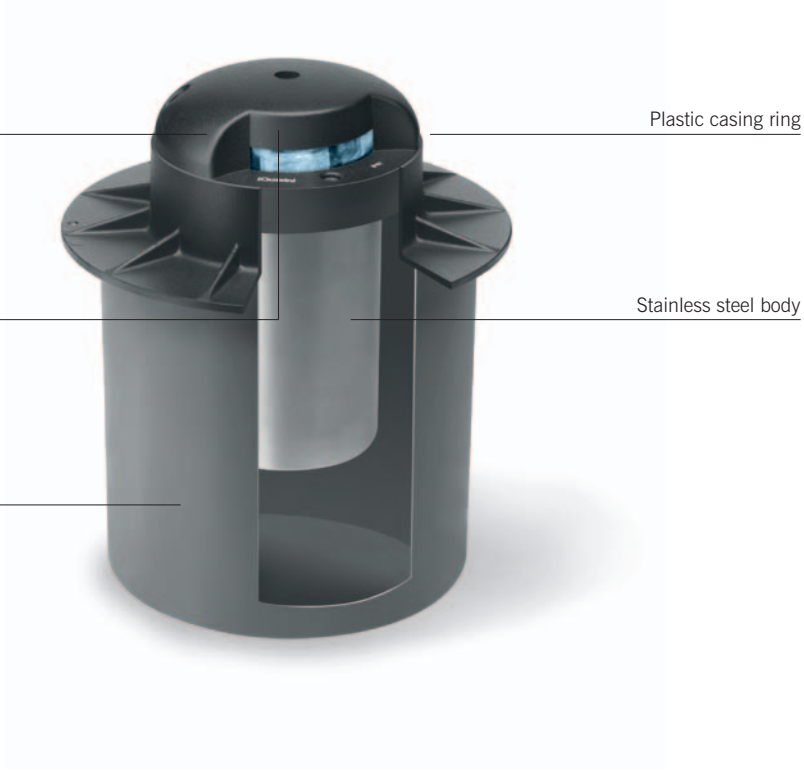


light source	W	t °C	optic	code colour
HIT-CE (G12)	Electronic - adjustable optic ±15°			
	20 W	70	36°	**7199** 13
	35 W	90	32°	**7163** 13
	Electromagnetic - adjustable optic ±15°			
	70 W	140	42°	**7164** 13
HST (PG12-1)	Electromagnetic			
	70 W	115	16°	**7172** 13
HIT-CE (E27)	The light source can be angled at 25° to provide an asymmetrical flow of light.			
HIT-DE-CE (Rx7s)	Electromagnetic - asymmetrical optic			
	70 W	115		**7194** 13
HST-DE (Rx7s)				
TC-D (G24d-1)	Electromagnetic			
	13 W	50	84°	**7167** 13
	On request available with 14/17 W TC-TEL (Philips PL-R) lamp with electronic power supply (code 7198)			
QR 111 (G53)	Electromagnetic - asymmetrical optic			
	75 W 12 V	180		**7169** 13
	The optical assembly can be angled at: rotation around the vertical axis: 180°, inclination: ±30 in relation to the horizontal plane.			
PAR 30S (E27)	Adjustable optic			
	100 W	125		**7170** 13
	The optical assembly can be angled at: rotation around the vertical axis: 180°, inclination: ±30 in relation to the horizontal plane.			

accessories and installation systems	ø 140 code colour	ø 220 code colour
Refractor for elliptical distribution	**1902** 24 for 7160-7162	**BZA1** 24 for 7163-7199 **8771** 24 for 7170
Coloured filters	**8783** 05-06-09 for 7160-7162	**8754** 05-06-09 for 7170 **8784** 05-06-09 for 7167 **BZA2** 05-06 09 for 7163-7199
Spill-ring	**1904** 04 for 7160-7162	**1905** 04 for 7167 **1906** 04 for 7174 **BZA3** 04 for 7163-7199
Protective steel grid	--- ---	**1908** 13
Kit for screw antitheft Cannot be used with the protective grid	**0225** 13	**0225** 13
Key for screw antitheft	**0245** 00	**0245** 00

Light Up Balisage

design Gianfranco Paghera



Features

IP67 IK10

- Floor-recessed luminaire for use with halogen lamps and LEDs.
- Made of body and outer casing.
- Stainless steel body and aluminium alloy screen; EPDM black basket; tempered safety glass; lens optical system; PG13.5 cable clamp equipped with 1 m power cable with anti-transpiration device.
- High visual comfort.
- Outer casing for installation made of aluminium and plastic material.
- Static load resistance 5000 Kg.
- All external screws are in A2 stainless steel.

Floor installation

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QT 9	ENERGY SAVING
270	3,4W	20W	83%

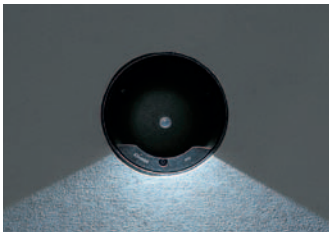
(3000K) LED energy saving compared with conventional lamps

Light Up Balisage

04
BLACK

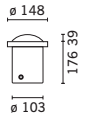
Light distribution

Recessed fittings for ground-level lighting from three sides

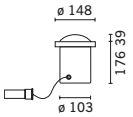


Recessed fittings for ground-level lighting from one side

LED	3,4 - 3,7W
HIT-CE	20W



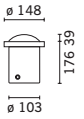
4196-B892-B893-BD77



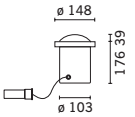
box 210x74xh74

BF90

light source	W	lm	code colour
LED	Lighting from one side		
	Cool white		
	3,7 W	140	**B892** 04
	Warm white		
	3,4 W	116	**BD77** 04
	Blue		
	3,7 W	50	**B893** 04
	Class of Insulation II On request available with LED neutral white, red, green and amber.		
QT 12 ES (GY6,35)	Electronic		
	50 W max 12 V		**4196** 04
HIT-CE (PGJ5)	Electronic		
	20 W		**BF90** 04



4197-B897-B898-BD78



box 210x74xh74

BF91

light source	W	lm	code colour
LED	Lighting from three sides		
	Cool white		
	3,7 W	140	**B897** 04
	Warm white		
	3,4 W	116	**BD78** 04
	Blue		
	3,7 W	50	**B898** 04
	Class of Insulation II On request available with LED neutral white, red, green and amber.		
QT 12 ES (GY6,35)	Electronic		
	50 W max 12 V		**4197** 04
HIT-CE (PGJ5)	Electronic		
	20 W		**BF91** 04

accessories

	code	colour
Casing	**5935**	04

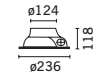
Measurements of the casings are shown in the table on page 595.

Light Up

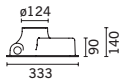
circular recessed luminaire

Light Up Walk professional

B900

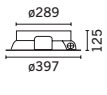


B958

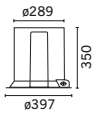


BZD0

B901



B902



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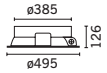
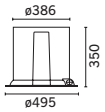
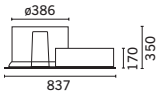


B904



B905

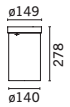


Light Up Light

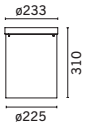
B992

Light Up Walk inox

5997

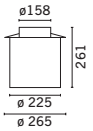


5998



Light Up Balisage

5935

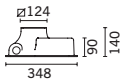


square recessed luminaire

Light Up Walk professional

B962

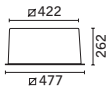
B963



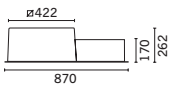
BZD1

B906

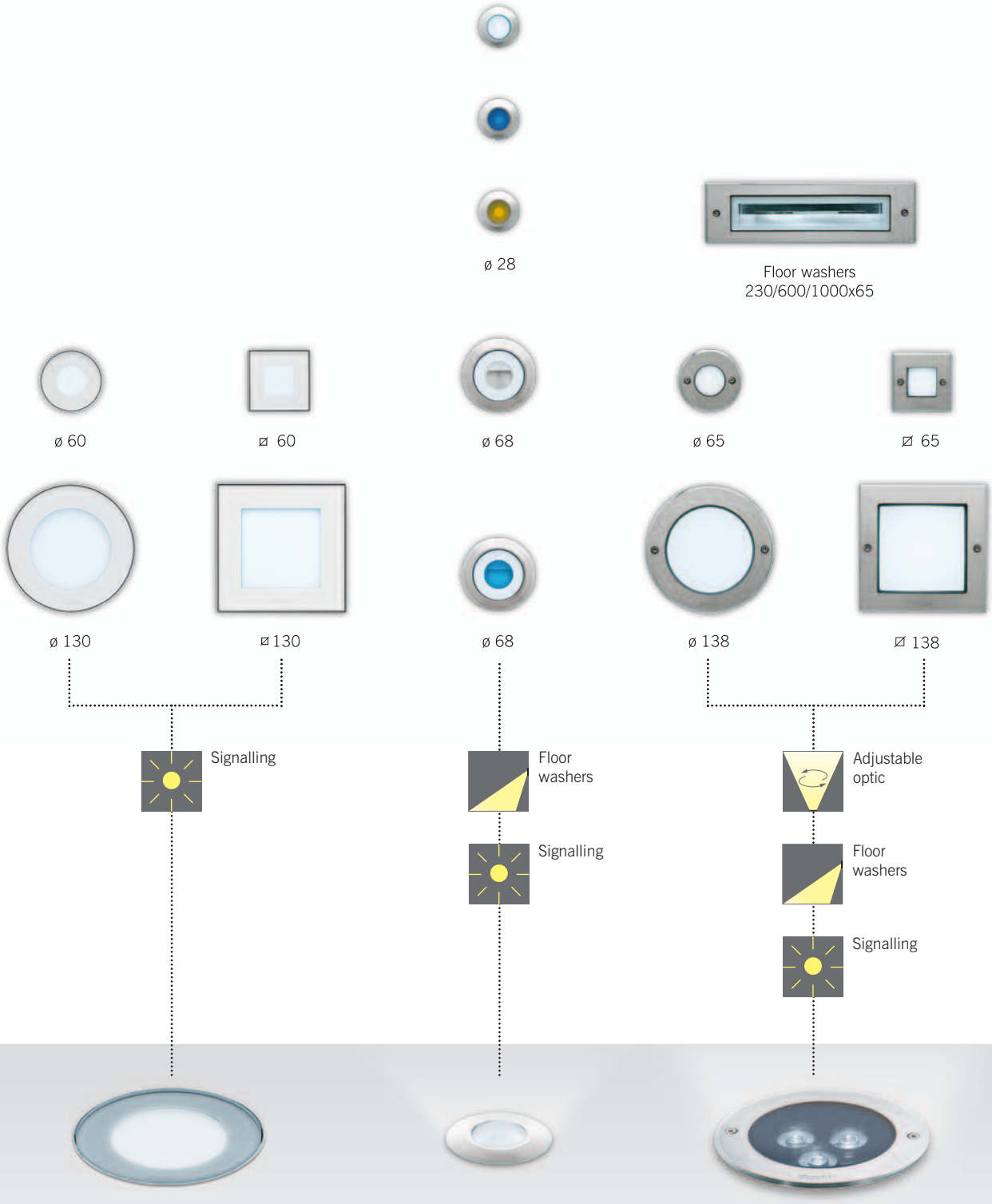
B907



B908



Ledplus



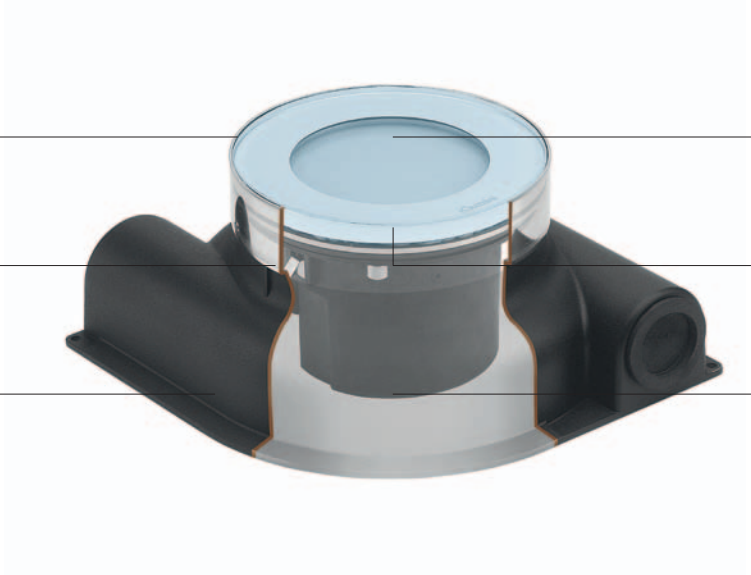
Ledplus “all glass”

Ledplus “stainless steel frame”

Ledplus “stainless steel frame with screws”

Office building in Rue de Colisèe - Paris, France
Architectural project: Jean-Michel de Poulpiquet - Photo: Didier Boy De La Tour

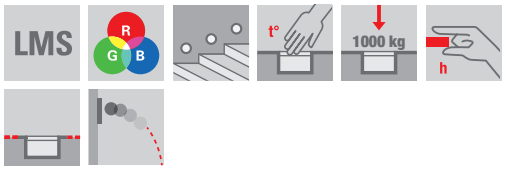
Ledplus "all glass"



Features

IP68 IK08

- Wall/floor-recessed luminaire for use with LEDs for accent/signalling light.
- Made of extra-clear sodium-calcium glass, with no visible screws, and with diffused light; the stainless steel lower ring is connected to the tempered diffusing glass. The entire structure is supported by 4 fastening components made of AISI 304 machined stainless steel.
- The body of the luminaire is made of highly resistant thermoplastic material. It has a M14x1 A2 stainless steel cable clamp, and PG11 for the 130 mm large version; and a 300 mm-long exit cable; the stainless steel upper collar is flush with surface and secured to the casing.
- The fitting has a die-cast aluminium barrel casing or a cylindrical casing made of plastic polypropylene material.
- Accessories include customised pictograms.
- Versions with RGB dynamic colour change and compatible with preconfigured light management systems.
- Static load resistance 500/1000 Kg.
- IK08 impact resistance.
- Temperature of contact <40°.
- Luminaire reduced height.



Floor installation

Wall-mounted installation

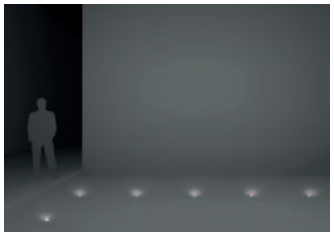
Temperature < 40° C

Static load resistance 500 Kg with plastic casing, 1000 Kg with aluminium casing

Installed flush with floor

Signalling

Designed to be sturdy and inexpensive to run, these luminaires mark indoor and outdoor routes and areas, guaranteeing maximum safety and minimum visual impact.



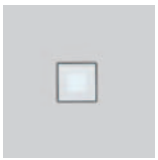
Pictograms

The all-glass version, both round (ø130) and square (⧈130), can be fitted with sign pictograms.

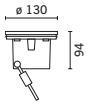
Ledplus "all glass"

00
INDETERMINATE

light source	W		lm	code colour
LED	Cool white			
	0,7 W	24Vdc	15	**2606** 00



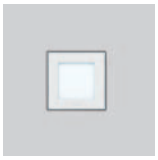
light source	W		lm	code colour
LED	Cool white			
	0,7 W	24Vdc	15	**2620** 00

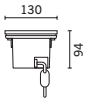


LED	Cool white			
	1,5 W	24Vdc	35	**2628** 00
	RGB			
	5,2 W	24Vdc	45	**2633** 00

Compatible with light management systems of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.

The components that are necessary for the operation of the fittings must be ordered separately. They are presented on page 605.





LED	Cool white			
	1,5 W	24Vdc	35	**2635** 00
	RGB			
	5,2 W	24Vdc	45	**2640** 00

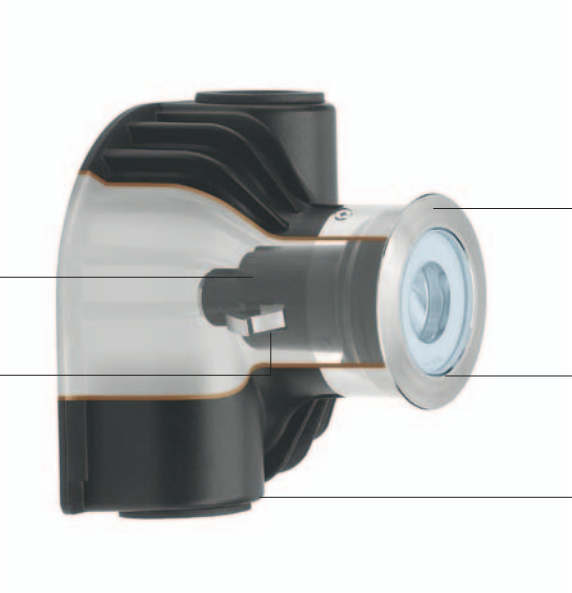
accessories and installation systems

	ø 60		ø 130	
	code	colour	code	colour
Coloured filters	**9568**	02-06 26-D7	**9570**	02-06 26-D7 for 2628
Bar pictogram	---	---	**9584**	00
Restaurant pictogram	---	---	**9585**	00
Information pictogram	---	---	**9586**	00
Arrow/Direction pictogram	---	---	**9587**	00
Toilet pictogram	---	---	**9588**	00
Plastic casing for wall and floor installation + top end cap IP68	**6943**	04	**6949**	04
Aluminium casing for wall installation + top end cap	**6941**	04	**6947**	04
Aluminium casing for floor installation + top end cap	**6942**	04	**6948**	04
Adapter for casing ø 260 - h 105	**9579**	00 for 6943	**9579**	00 for 6949
Adapter for casing ø 357 - h 105	**9580**	00 for 6941-6942	**9580**	00 for 6947-6948
Suction cup	**9583**	00	**9583**	00

	60x60		130x130	
	code	colour	code	colour
Coloured filters	**9572**	02-06 26-D7	**9574**	02-06 26-D7 for 2635
Bar pictogram	---	---	**9589**	00
Restaurant pictogram	---	---	**9590**	00
Information pictogram	---	---	**9591**	00
Arrow/Direction pictogram	---	---	**9592**	00
Toilet pictogram	---	---	**9593**	00
Plastic casing for wall and floor installation + top end cap IP68	**6946**	04	**6952**	04
Aluminium casing for wall installation + top end cap	**6944**	04	**6950**	04
Aluminium casing for floor installation + top end cap	**6945**	04	**6951**	04
Adapter for casing ø 260 - h 105	**9579**	00 for 6946	**9579**	00 for 6952
Adapter for casing ø 357 - h 105	**9580**	00 for 6944-6945	**9580**	00 for 6950-6951
Suction cup	**9583**	00	**9583**	00

Measurements of the casings are shown in the table on page 606

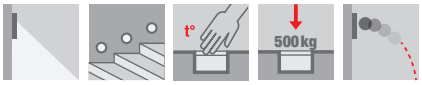
Ledplus "stainless steel frame"



Features

IP68 IK09

- Wall-/floor-recessed luminaire for use with LED lamps for accent lighting/signs.
- The body of the 68 mm wall-washer version is made of highly resistant thermoplastic material, whereas the 28 mm versions are made of AISI 304 stainless steel; stainless steel cable clamp, and 300 mm-long exit cable.
- The fitting has a die-cast aluminium barrel casing or a cylindrical casing made of plastic polypropylene material.
- Static load resistance 500 Kg.
- IK08 impact resistance.
- Temperature of contact <40°.
- Luminaire reduced dimensions.



Floor installation

Wall-mounted installation

Temperature < 40°C

Static load resistance 500 Kg

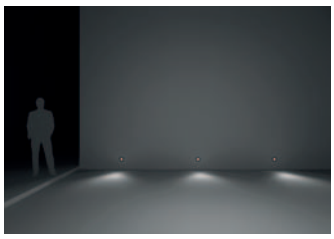
Compact size

Signalling

Designed to be sturdy and inexpensive to run, these luminaires mark indoor and outdoor routes and areas, guaranteeing maximum safety and minimum visual impact.

Floor washers

The luminaires, positioned on walls individually or "in a line", light the floor evenly and without glare.



Ledplus “stainless steel frame”

light source	W	lm	code colour
LED	**Signalling**		
	Cool white		
	0,4 W 24Vdc	3	**2600** 13
	Blue		
	0,4 W 24Vdc	1	**2601** 13
	Amber		
	0,5 W 24Vdc	2	**2604** 13

light source	W	lm	code colour
LED	**Floor washer**		
	Cool white		
	0,4 W 24Vdc	10	**2611** 13
	Blue		
	0,4 W 24Vdc	2	**2612** 13

The components that are necessary for the operation of the fittings must be ordered separately. They are presented on page 605.

installation systems — ø 28

	code	colour
Casing for installation in concrete walls + end cap	**6938**	00
Casing for installation on concrete floors + end cap Static load resistance 1000 Kg	**6939**	00
Cylindrical casing for plasterboard or similar walls	**6940**	00
Suction cup	**9583**	00

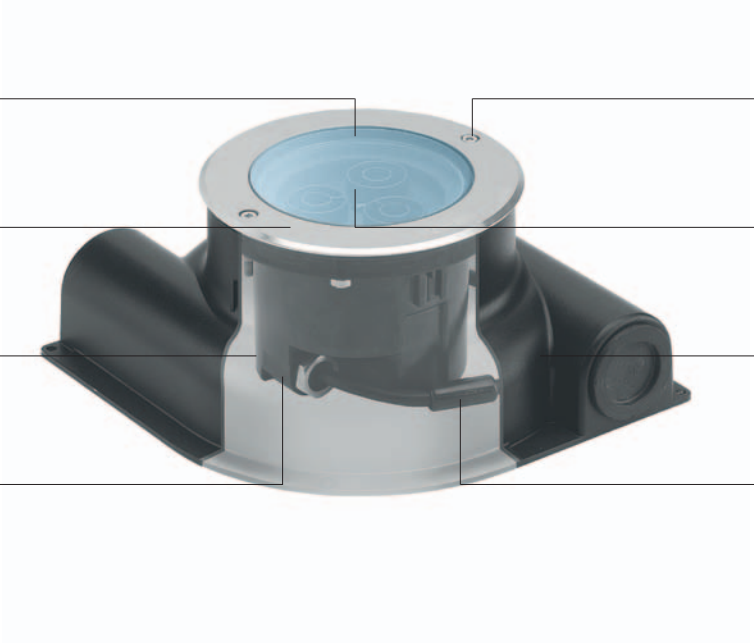
Measurements of the casings are shown in the table on page 606.

installation systems — ø 68

	code	colour
Plastic casing for walls and floor installation + top end cap	**6943**	04
Aluminium casing for wall installation + top end cap	**6941**	04
Adapter for casing ø 260 - h 105	**9579**	00 for 6943
Adapter for casing ø 357 - h 105	**9580**	00 for 6941
Suction cup	**9583**	00

Measurements of the casings are shown in the table on page 606.

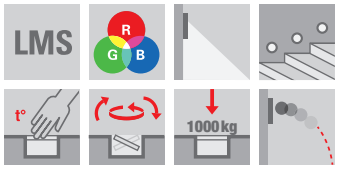
Ledplus "stainless steel frame with screws"



Features

IP68 IK09

- Wall/floor-recessed luminaire for use with leds for signalling, lighting and floor washer.
- Ledplus has a body (round and square) a casing and frame.
- Version round and square: the body of the fitting is made of highly resistant thermoplastic material; H=100 mm painted cast aluminium barrel outer casing for installation, which can be ordered separately, for wall- or ground-installation, complete with end cap. H=150 mm version available in plastic for installation in gardens.
- Version linear: extruded aluminium body and die-cast black painted end caps; H=100 mm painted extruded aluminium and stainless steel outer casing for installation, which can be ordered separately, for wall- or ground-installation, complete with top end cap.
- Stainless steel frame; sodium-calcium upper glass; in versions with marker LEDs there is a milky inner screen; black silicone rubber sealing gasket; AISI 304 stainless steel turned parts for fixing the body to the frame/glass; linear versions with sodium - calcium tempered glass secured to the body with silicone; anti-glare spill-ring made of thermoplastic material for versions with lighting LEDs.
- Versions with RGB dynamic colour change and compatible with preconfigured light management systems.
- Versions with adjustable optic.
- Static load resistance 1000 Kg.
- IK08 impact resistance.
- Temperature of contact <40°.
- Luminaire reduced height.
- All external screws are A2 stainless steel.



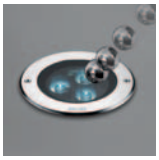
Floor installation

Ground installation

Wall-mounted installation

Temperature < 40°C

Static load resistance 500 Kg with plastic casing, 1000 Kg with aluminium casing

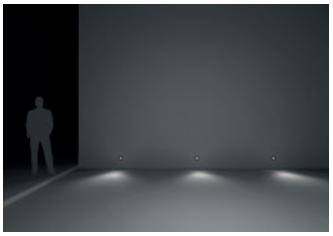

Anti-vandal feature

Ledplus "stainless steel frame with screws"

Lighting effect

Ledplus is available with various light emissions, depending on the type of application and lighting design requirements.

Signalling
Designed to be sturdy and inexpensive to run, these luminaires mark indoor and outdoor routes and areas, guaranteeing maximum safety and minimum visual impact.

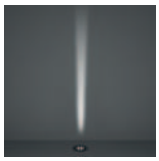


Floor washers
The luminaires, positioned on walls individually or "in a line", light the floor evenly and without glare.

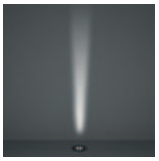
Lighting
Compared with traditional light sources, the light output being the same, these LED luminaires guarantee significant energy savings, lower maintenance and minimal light pollution.

Optics and lamps

Luminaires for marker lighting do not have photometric data.



SS - Superspot
$\alpha < 8°$



S - Spot
Adjustable

WP - Floor washers

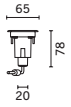
LED	0,4 - 0,7 - 1,2W
	2,4 - 5,2 - 6,9W

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature:
  Neutral white **4000K**
  Warm white **3000K**
  Cool white **6000K**

lumen lm	LED	QT 9	
180	2,4W	20W	88%

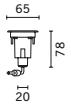
(3000K) LED energy saving compared with conventional lamps

Ledplus "stainless steel frame with screws"

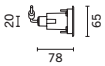


light source	W	lm	optic	code colour
LED	**Adjustable optic ±7°**			
	Neutral white			
	1,2 W 4Vdc	90	8°	**BB43** 13
	Warm white			
	1,2 W 4Vdc	80	8°	**BB44** 13
	Blue			
	1,2 W 4Vdc	15	10°	**B281** 13

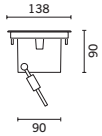
Power supply only with code 9905-9907.



LED	**Signalling**			
	Cool white			
	0,7 W 24Vdc	15		**B275** 13
	Warm white			
	0,4 W 24Vdc	10		**BD71** 13
	Blue			
	0,7 W 24Vdc	3		**B276** 13

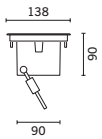


LED	**Floor washer**			
	Cool white			
	0,4 W 24Vdc	10		**B285** 13
	Warm white			
	0,4 W 24Vdc	8		**BD72** 13
	Blue			
	0,4 W 24Vdc	2		**B286** 13



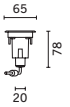
LED	**Adjustable optic ±10°**			
	Neutral white			
	2,4 W 220-240Vac	210	8°	**BB45** 13
	Warm white			
	2,4 W 220-240Vac	180	8°	**BB46** 13
	Blue			
	2,6 W 220-240Vac	35	12°	**B319** 13

Complete with power supply.
Class of Insulation II.



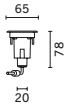
LED	**Signalling**			
	RGB DALI			
	5,2 W 24Vdc	45		**B328** 13

Compatible with light management systems of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.

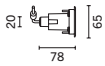


light source	W	lm	optic	code colour
LED	**Adjustable optic ±7°**			
	Neutral white			
	1,2 W 4Vdc	90	8°	**BB47** 13
	Warm white			
	1,2 W 4Vdc	80	8°	**BB48** 13
	Blue			
	1,2 W 4Vdc	15	10°	**B300** 13

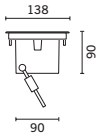
Power supply only with code 9905-9907.



LED	**Signalling**			
	Cool white			
	0,7 W 24Vdc	15		**B294** 13
	Warm white			
	0,4 W 24Vdc	10		**BD73** 13
	Blue			
	0,7 W 24Vdc	3		**B295** 13

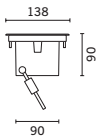


LED	**Floor washer**			
	Cool white			
	0,4 W 24Vdc	10		**B304** 13
	Warm white			
	0,4 W 24Vdc	8		**BD74** 13
	Blue			
	0,4 W 24Vdc	2		**B305** 13

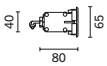


LED	**Adjustable optic ±10°**			
	Neutral white			
	2,4 W 220-240Vac	210	8°	**BB49** 13
	Warm white			
	2,4 W 220-240Vac	180	8°	**BB50** 13
	Blue			
	2,6 W 220-240Vac	35	12°	**B337** 13

Complete with power supply.
Class of Insulation II.



LED	**Signalling**			
	RGB DALI			
	5,2 W 24Vdc	45		**B346** 13



light source	W	lm	length	code colour
LED	**Floor washer**			
	Neutral white			
	2,3 W 220-240Vac	180	230	**BB57** 13
	6,9 W 220-240Vac	530	600	**BB59** 13
	Warm white			
	2,3 W 220-240Vac	150	230	**BB58** 13
	6,9 W 220-240Vac	460	600	**BB60** 13

Complete with power supply. Class of Insulation II.

Ledplus "stainless steel frame with screws"

accessories and installation systems

	ø 65		ø 138		65x65		138x138			
	code	colour	code	colour	code	colour	code	colour	code	colour
Coloured filters	**9569**	02-06 26-D7 for B275-BD71	---	---	**9573**	02-06 26-D7 for B294-BD73	---	---	---	---
Diffusing filter	**9569**	65 for B281-BB43-BB44	**9571**	65 for BB45-BB46-B319	**9569**	65 for B300-BB47-BB48	**9575**	65 for B337-BB49-BB50	---	---
Plastic casing for installation on wall, floor and ground + end cap - IP68	**B975**	04	**B981**	04	**B978**	04	**B984**	04	---	---
Aluminium casing for installation on cement concrete walls + top end cap	**B973**	04	**B979**	04	**B976**	04	**B982**	04	---	---
Aluminium casing for installation on floor + end cap	**B974**	04	**B980**	04	**B977**	04	**B983**	04	---	---
Aluminium casing + end cap	---	---	---	---	---	---	---	---	**B985** for versions L=230 **B986** for versions L=600	04 04
Adapter for casing ø 260 - h 105	**9579**	00 for B975	**9579**	00 for B981	**9579**	00 for B978	**9579**	00 for B984	---	---
Adapter for casing ø 357 - h 105	**9580**	00 for B973-B974	**9580**	00 for B979-B980	**9580**	00 for B976-B977	**9580**	00 for B982-B983	---	---
Suction cup	**9583**	00	**9583**	00	**9583**	00	**9583**	00	**9583**	00

Measurements of the casings are shown in the table on page 606

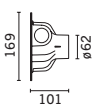
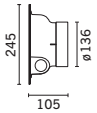
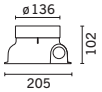
components

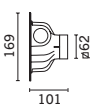
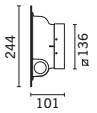
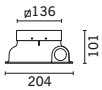
	code	colour
Electronic power supply designed to mount on a DIN standard profile 10 W VIN=220÷240Vac / 50÷60Hz VOUT=24Vdc ±2% (SELV)	**9908**	00
Electronic power supply designed to mount on a DIN standard profile 24 W VIN=90÷-260Vac / 50÷60Hz VOUT=24Vdc ±2% (SELV)	**9909**	00
Electronic power supply designed to mount on a DIN standard profile 72 W VIN=220÷240Vac / 50÷60Hz VOUT=24Vdc ±2% (SELV)	**9910**	00
Electronic power supply designed to mount on a DIN standard profile 96W VIN=220÷240Vac / 50÷60Hz VOUT=24Vdc ±2% (SELV)	**9911**	00
Electronic power supply designed to mount on a DIN standard profile 240 W VIN=88÷264Vac / 50÷60Hz VOUT=24÷28Vdc (SELV) dim. 63x114x125h	**9912**	00
Electronic power supply 7W - IP20 VIN=100÷240Vac / 50÷60Hz VOUT=24Vdc 350mA dim. 42x40x22h	**9905**	00 for B281-B300-BB43 BB44-BB47-BB48

	code	colour
Electronic power supply 17W - IP20 Vin=110÷240Vac / 50÷60Hz Vout=48Vdc 350mA dim. 38x122x28h	**9907**	00 for B281-B300-BB43 BB44-BB47-BB48
Colour LED Interface Number of DIN modules: 7 - Controls RGB PWM devices - Power consumption: 3 W - The number of devices controlled by each supplier is indicated in the instruction sheet - Occupies 3 DALI addresses	**9639**	00
Box for power supplies IP67 dim. 140x230x95h	**9582**	00 for 9908-9909 9910-9911
Connector block without transformer IP68	**B915**	04
Watertight connector kit IP68	**9581**	04

Ledplus

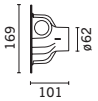
“all glass” version

circular recessed	wall-mounted installation	floor installation	wall/floor installation
	6941	**6942**	**6943**
ø 60			
	6947	**6948**	**6949**
ø 130			

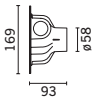
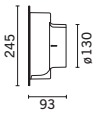
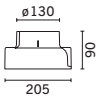
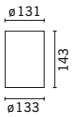
square recessed	wall-mounted installation	floor installation	wall/floor installation
	6944	**6945**	**6946**
⧄ 60			
	6950	**6951**	**6952**
⧄ 130			

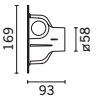
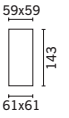
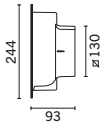
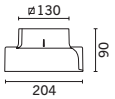
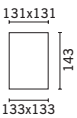
“stainless steel frame” version

circular recessed	installation on plasterboard walls	installation on concrete walls	floor installation
	6940	**6938**	**6939**
ø 28			

circular recessed	wall-mounted installation	wall/floor installation
	6941	**6943**
ø 68		

“stainless steel frame with screws” version

circular recessed	wall-mounted installation	floor installation	wall/floor/ground installation
	B973	**B974**	**B975**
ø 65			
	B979	**B980**	**B981**
ø 138			

square recessed	wall-mounted installation	floor installation	wall/floor/ground installation
	B976	**B977**	**B978**
⧄ 65			
	B982	**B983**	**B984**
⧄ 138			

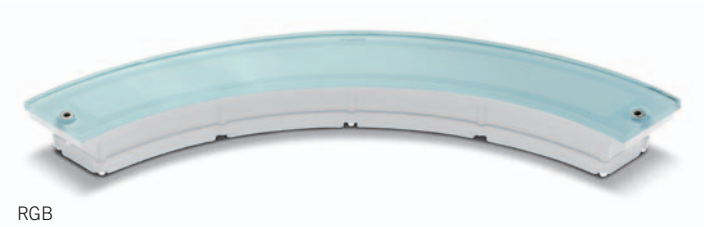
linear recessed	wall-mounted installation	wall-mounted installation
	B985	**B986**
	L=227	**L=597**

Oval Centre - Chiasso, Switzerland

Architectural project: Elio Ostinelli - Lighting project: Elettroconsulenze Solcà SA - Photo: Paolo Carlini

Lun-Up

monochromatic



RGB

Features

IP67 IK10

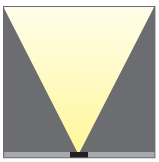
- Direct light luminaire for use with monochromatic LED power and signalling RGB.
- Recessed ground/floor/wall installation, with the relevant outer casing.
- Consisting of body and outer casing to be ordered separately, shaped as quarter of circle.
- Temperature of contact <40°.
- Luminaire reduced dimensions.
- Cast aluminium body consisting of two parts secured together with stainless steel screws and silicone gasket; tempered sodium-calcium sealing glass, 8 mm thick, siliconed to upper compartment.
- The lower assembly comes complete with a stainless steel PG11 cable clamp, multi-pole cable L=300mm and IP68 Y connector, suitable for cables with diameter D=8-17mm + terminal block for cables with max. section 4 mm^2 (monochrome versions) and for cables max. 1.5 mm^2 (RGB versions), complete with cover plate and set up for pass-through cables.
- Stainless steel outer casing with shot blasting surface treatment and galvanized steel end caps.
- Versions with RGB dynamic colour change and compatible with preconfigured light management systems.
- Luminaire ready for pass-through wiring.
- All external screws are A2 stainless steel.

Floor installation

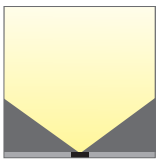
Ground installation

Light distribution

Monochromatic version with Flood and Wide Flood Optic.

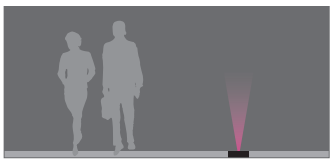


Flood



Wide Flood

RGB version with signalling light



- **LED Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

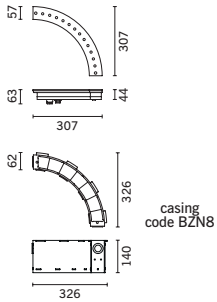
lumen lm	LED	QR CBC 51	
1300	12W	75W	84%

(3000K) LED energy saving compared with conventional lamps

Lun-Up

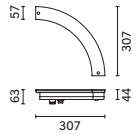
01 WHITE

04 BLACK



light source	W	lm	optic	code colour
LED	Neutral white			
	12W	1400	34°	**BJ76** 04
	12W	1400	52°	**BJ78** 04
	Warm white			
	12W	1300	34°	**BJ77** 04
	12W	1300	52°	**BJ79** 04

24Vdc power supply to be ordered separately.



light source	W	lm	code colour
LED	RGB PWM		
	3W	50	**BJ81** 01
	RGB DMX		
	3W	50	***BJ80** 01

* Complete with electronic control card.
24Vdc power supply to be ordered separately.

Compatible with light management systems of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.

installation systems and components

	code	colour
Stainless steel casing	**BZN8**	13
Cover plate for casing	**BZN9**	00
Constant-voltage electronic power supply 50W 24V IOUT=2A	**MWK4**	00
Constant-voltage electronic power supply 70W 24V IOUT=2,9A	**MWK5**	00
DALI dimming interface monochromatic LED VIN=10-24Vdc VOUT=10,5-24Vdc	**MWP3**	00
Electronic power supply designed to mount on a DIN standard profile 10 W VIN=220÷240Vac / 50÷60Hz VOUT=24Vdc ±2% (SELV)	**9908**	00
Electronic power supply designed to mount on a DIN standard profile 24 W VIN=90÷-260Vac / 50÷60Hz VOUT=24Vdc ±2% (SELV)	**9909**	00
Electronic power supply designed to mount on a DIN standard profile 72 W VIN=220÷240Vac / 50÷60Hz VOUT=24Vdc ±2% (SELV)	**9910**	00
Electronic power supply designed to mount on a DIN standard profile 96 W VIN=220÷240Vac / 50÷60Hz VOUT=24Vdc ±2% (SELV)	**9911**	00

	code	colour
Electronic power supply designed to mount on a DIN standard profile 120 W VIN=88÷264Vac / 50÷60Hz VOUT=24÷28Vdc (SELV) dim. 40x114x125h	**BZK0**	00
Electronic power supply designed to mount on a DIN standard profile 240 W VIN=88÷264Vac / 50÷60Hz VOUT=24÷28Vdc (SELV) dim. 63x114x125h	**9912**	00
Electronic power supply designed to mount on a DIN standard profile 480 W VIN=90÷264Vac / 50÷60Hz VOUT=24÷28Vdc (SELV) dim. 86x114x125h	**BZK1**	00
Box for power supplies IP67 dim. 140x230x95h	**9582**	00
Colour LED Interface Number of DIN modules: 7 - Controls RGB PWM devices - Power consumption: 3 W - The number of devices controlled by each supplier is indicated in the instruction sheet - Occupies 3 DALI addresses	**9639**	00
Y-coupling with 5 poles IP68 For connection between DMX signal cable and power supply cable	**BZN7**	00 for RGB-DMX versions (code BJ80)

page 608 - 609

Villa Mirasole - Mali Lošinj, Croatia
Lighting project: Dean Skira

Pixy

design Mario Cucinella

04 BLACK

15 GREY

Features

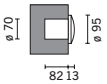
IP66 IK08

- Wall-recessed luminaire for use with halogen lamps and LEDs.
- General and floor washer lighting.
- High visual comfort.
- Composed of component-holder compartment, frame and diffuser.
- External die-cast aluminium frame; thermoplastic protective screen; perimeter gasket made with EPDM; made with EPDM; plastic casing. Control gear plate enclosed in the polycarbonate assembly.
- IK08 impact resistance.
- All screws are A2 stainless steel.

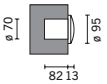
- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QT 9	ENERGY SAVING
250	3,5W	20W	82%

(3000K) LED energy saving compared with conventional lamps



light source	W	lm	code	colour
LED	General lighting Warm white Complete with power supply			
	3,5W	250	**BF97**	04-15
QT 9 (G4)	Complete with transformer			
	10W	12V	**7142**	04-15



light source	W	lm	code	colour
LED	Floor washer Warm white Complete with power supply			
	3,5W	250	**BF99**	04-15
QT 9 (G4)	Complete with transformer			
	10W	12V	**7143**	04-15

installation systems

	code	colour
Casing	**BZH1**	04

Walky - Miniwalky

design Mario Cucinella

04 BLACK

15 GREY

Features

IP66 IK05 (IK10 with louvre)

- Wall-recessed installation.
- Composed of component-holder compartment, frame and diffuser.
- General and floor washer lighting.
- High visual comfort.
- Die-cast aluminium external frame; glass safety screen; perimeter gasket made of EPDM; PG11 cable clamp.
- Control gear plate enclosed in a thermoplastic box, complete with a safety cover.
- Power supply with 2-pole quick-connecting terminals. Electromagnetic cables (Walky).
- Printed circuit board complete with 7x1.2W LED warm white 3100K (Miniwalky).
- All screws are A2 stainless steel.

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	ENERGY SAVING
590	8,1W	35W	82%

(3000K) LED energy saving compared with conventional lamps

Walky - Miniwalky

04 BLACK 15 GREY

light source W length code colour

General lighting

TC-L (2G11)
Electronic
18 W 318 **7131** 04-15

Fixtures with polycarbonate screens are available on request.

Floor washer

TC-L (2G11)
Electronic
18 W 318 **7133** 04-15

light source W lm length code colour

LED

General lighting

Warm white
Complete with power supply
8,1 W 590 260 **BG01** 04-15

Class of Insulation I

LED

Floor washer

Warm white
Complete with power supply
8,1 W 590 260 **BG03** 04-15

Class of Insulation I

installation systems

	code	colour
Casing	**BZH3** 04 for 7131-7133	
	BZH2 04 for BG01-BG03	

Pangu Plaza Hotel - Beijing, China
Architectural project: C.Y. Lee Architects
Lighting project: Studio Metis - Marinella Patetta and BPI- Brandston Partnership Inc
Photo: Lv Hengzhong

iRound

design Maurizio Varratta

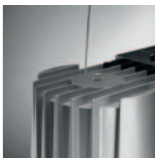
Features

IP66 IK07

- Luminaire with direct emission for use with LEDs, halogen, metal halide and fluorescent lamps.
- Recessed installation into the ceiling.
- High visual comfort.
- Composed of (circular) optical assembly, frame, lateral component box and outer casing to be ordered separately, if necessary.
- Aluminium alloy optical assembly and frame; sodium-calcium tempered glass, secured to the frame with silicone; 99.96% super-pure aluminium reflectors; the lateral component holder box and top end cap are made of plastic (small body) or aluminium alloy (large body); complete with a silicone internal gasket to guarantee watertightness.
- Outer casing for concrete false ceilings made of black-painted pre-galvanized steel sheet complete with end cap and threaded bar.
- Versions with multiwatt ballasts available.
- Adjustable optics.
- Luminaire reduced height.
- Luminaire ready for pass-through wiring.
- All external screws are A2 stainless steel.

Installation of concrete

Installation in false ceiling from 5 to 60 mm



Safety cable

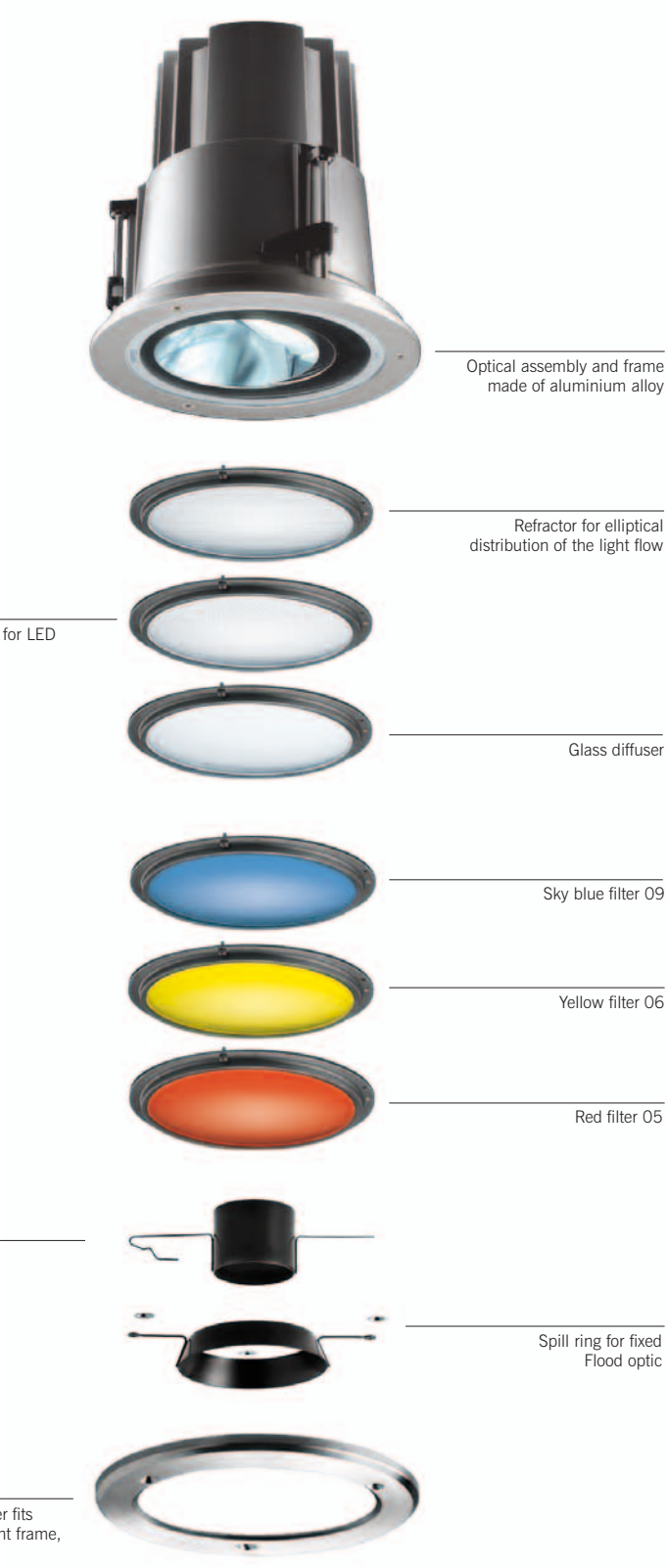
- **LED COB**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	ENERGY SAVING	HIT-CE	ENERGY SAVING
1440	12W	2x35W	83%	-	-
2840	25W	3x50W	83%	35W	29%

(3000K) LED energy saving compared with conventional lamps

iRound

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.
The combination of filters allows the lamp color features to be changed, to make the most of the objects lit or the space.



iRound

Optics and lamps

SS - Superspot
α < 8°

S - Spot
α from 9° to 15°

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

VWF - Very Wide Flood

WW - Wall Washer

E - Elliptical*

LED	3,5 - 20W
HIT-CE	20 - 35 - 70W
	150W

TC-TEL	26-32W
QR-CBC 51	20W
HI-PAR 51-CE	20 - 35W

* Elliptical optic is obtained by installing the respective accessories.

The wide range of optics guarantees extreme versatility, making iRound the ideal product to meet different lighting requirements: the fixed flood optic, adjustable spot optic and wall-washer optic, plus two optics derived from them, a blade-of-light optic and an elliptical optic (with the use of specific accessories) allow to create suitable lighting directions for all settings.

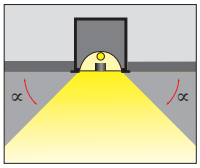
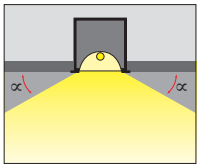
Fixed

Adjustable

Wall Washer

Visual comfort

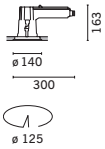
Cut-off angles with and without spill ring

Spill-ring	Cut Off	α
		45°
No spill-ring		35°

The screening angles data relate to luminaires with large body with adjustable Spot optic.
For data relating to Flood (F) optics, consult: http://catalog.iguzzini.com

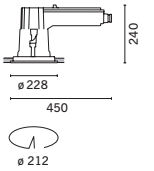
iRound

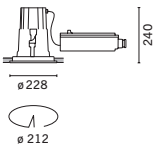
15
GREY



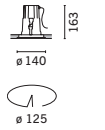
light source	W	lm	optic	code colour
LED	**Fixed optic**			
	Neutral white Single Chip			
	7,6 W	540	6°	**BE52** 15
	7,6 W	540	30°	**BE54** 15
	Warm white Single Chip			
	7,6 W	470	6°	**BE53** 15
	7,6 W	470	30°	**BE55** 15
	Adjustable optic ±15°			
QR CBC 51 (GU5,3)	Electronic			
	35 W max 12 V (Energy Saver)			**BE51** 15
	50 W max 12 V (Standard)			
HI-PAR 51-CE (GX10)	Electronic			
	20 W			**BE49** 15
	35 W			**BE50** 15

Class of Insulation II





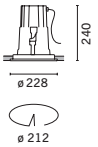
light source	W	optic	code colour
	Fixed optic		
HIT-CE (G12)	Electronic		
	35 W	50°	**BE66** 15
	35 W	WW	**BE63** 15
	70 W	50°	**BE57** 15
	70 W	WW	**BE64** 15
TC-TEL (GX24q-3)	Multiwatt electronic		
	26/32 W	88°	**BE67** 15
	On demand version DALI code BE61		
	Adjustable optic ±20°		
HIT-CE (G12)	Electronic		
	35 W	10°	**BE65** 15
	70 W	10°	**BE56** 15
HIT-CE (G12)	**Fixed optic**		
	150 W	50°	**BE59** 15
	Adjustable optic ±20°		
	150 W	12°	**BE58** 15



LED — **Fixed optic**
Warm white COB

W	lm	optic	code colour
12 W	1440	15°	**BV27** 15
12 W	1440	42°	**BV29** 15

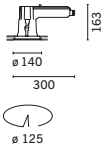
Complete with power supply and exit cable.
Available neutral white versions.



LED — **Fixed optic**
Warm white COB

W	lm	optic	code colour
25 W	2840	15°	**BV37** 15
25 W	2840	50°	**BV39** 15
25 W	2840	WW	**BV41** 15
Adjustable optic ±20°			
Warm white			
13 W	1550	12°	**BV35** 15

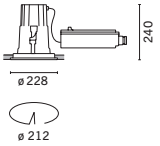
Complete with power supply and exit cable.
Available neutral white versions.



LED — **Fixed optic**
Warm white COB DALI

W	lm	optic	code colour
17 W	1950	15°	**BV31** 15
17 W	1950	42°	**BV33** 15

Complete with box with power supply
and two cable inlets for pass-through wiring.
Available neutral white version.



LED — **Fixed optic**
Warm white COB DALI

W	lm	optic	code colour
36 W	3840	50°	**BV43** 15

Complete with box with power supply
and two cable inlets for pass-through wiring.
Available neutral white version.

accessories

	ø 140 code colour	ø 228 code colour
Refractor for elliptical distribution	**MW84** 24	**4492** 24 no for Wall Washer
Prismatic glass diffuser	**MW85** 24 for LED version	**X009** 24 for LED version
Diffusing filter	**MW86** 65 no for LED Single Chip	**4493** 65 no for LED and Wall Washer
Coloured filters	**MW86** 05-06 09	**4493** 05-06 09 no for Wall Washer
Stainless steel frame	**MW83** 13	**MW88** 13
Spill ring for adjustable Spot optic	--- ---	**6879** 04 for BE56-BE58-BE65

	ø 140 code colour	ø 228 code colour
Spill ring for fixed Flood optic	--- ---	**6880** 04 for BE57-BE59-BE66
Case for concrete ceilings Recommended grain-size of inert materials for concrete 0÷25 mm	**MW87** 04	**MW89** 04
Adapter disk For installation of downlighters flush with concrete ceilings. Not to be used with optional stainless steel frame.	**MW90** 00 for MW87	**MW91** 00 for MW89
Safety cable L=2000	**MWK6** 00	**MWK6** 00
Connection box IP67	**1180** 15 for BV27-BV29	**1180** 15 for BV35-BV37-BV39-BV41

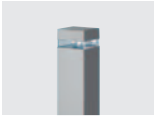
Bollards and Systems for residential areas

Bollards

622 iTeka
LED

622 iTeka
LED

626 iWay
LED



626 iWay
LED

630 Pencil
LED

630 Pencil
LED

Systems for residential areas

632 iPoint
bollard

632 iPoint
ceiling-mounted

632 iPoint
wall-mounted

635 Zyl bollard
LED

635 Zyl ceiling-mounted
LED

635 Zyl wall-mounted
LED

638 Typha
LED

640 Tee bollard
LED

640 Tee wall-mounted
LED

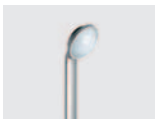
640 Tee ceiling-mounted
LED

643 Glim Cube
bollard
LED

643 Glim Cube
wall-mounted
LED

643 Glim Cube
wall-mounted
LED

643 Glim Cube
wall-mounted
LED



647 iFace
bollard

647 iFace
wall/ceiling-mounted

649 Ellipse
bollard
LED

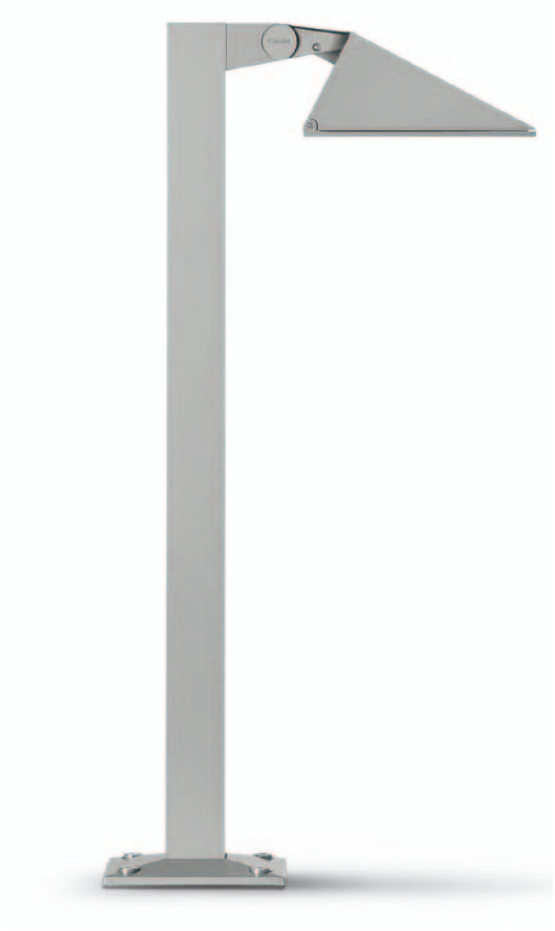
649 Ellipse
wall/ceiling-mounted
LED

651 Bliz

Suzhou Science & Cultural Centre - Suzhou, China
Architectural and lighting project: Paul Andreu - Photo: Lv Hengzhong

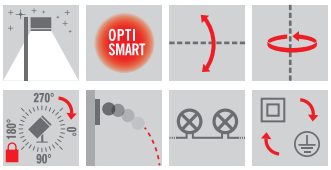
iTeka

design Mario Cucinella



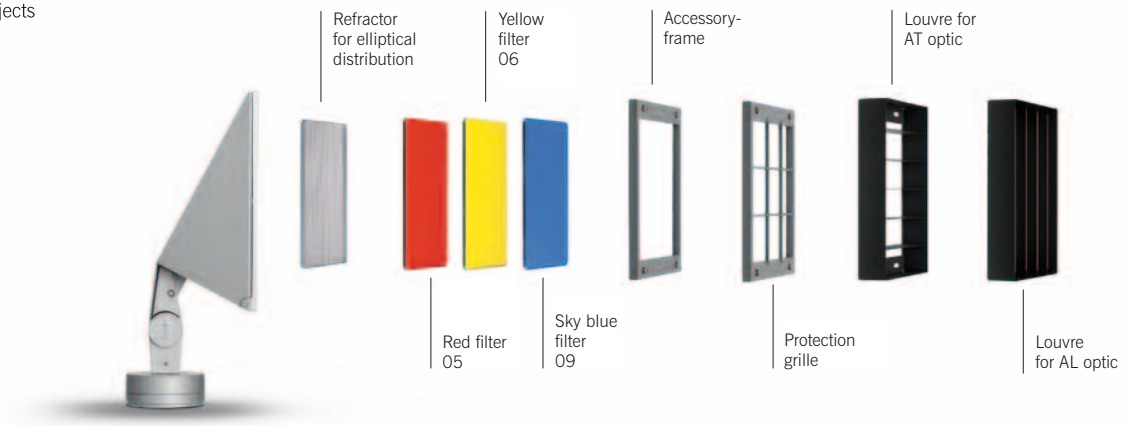
Features

IP66 IK09



- Direct light luminaire for use with discharge, fluorescent, halogen lamps and LEDs.
- Available for the following versions: pole (h=1.000), wall-mounted, shop windows, and ground/pavement.
- Die-cast aluminium optical assembly and frame; 4 mm thick transparent tempered sodium-calcium closing glass, secured to the frame with silicone; frame fixed to assembly by two AISI 304 stainless steel captive screws and two AISI 303 stainless steel hinged pins; 50 Shore silicone seal between them; super-pure aluminium reflector.
- Pole versions have: support made of extruded aluminium, fastening plate and cover made of die-cast aluminium alloy.
- Wall-mounted versions composed of: die-cast aluminium alloy base and arm for show windows made of extruded aluminium.
- Optical assembly double adjustability with graduated scale and mechanical aiming lock.
- Luminaire ready for pass-through wiring.
- Class II luminaire, set up for class I.
- There is no light dispersion into the upper hemisphere above this luminaire.
- All external screws are in A2 stainless steel.

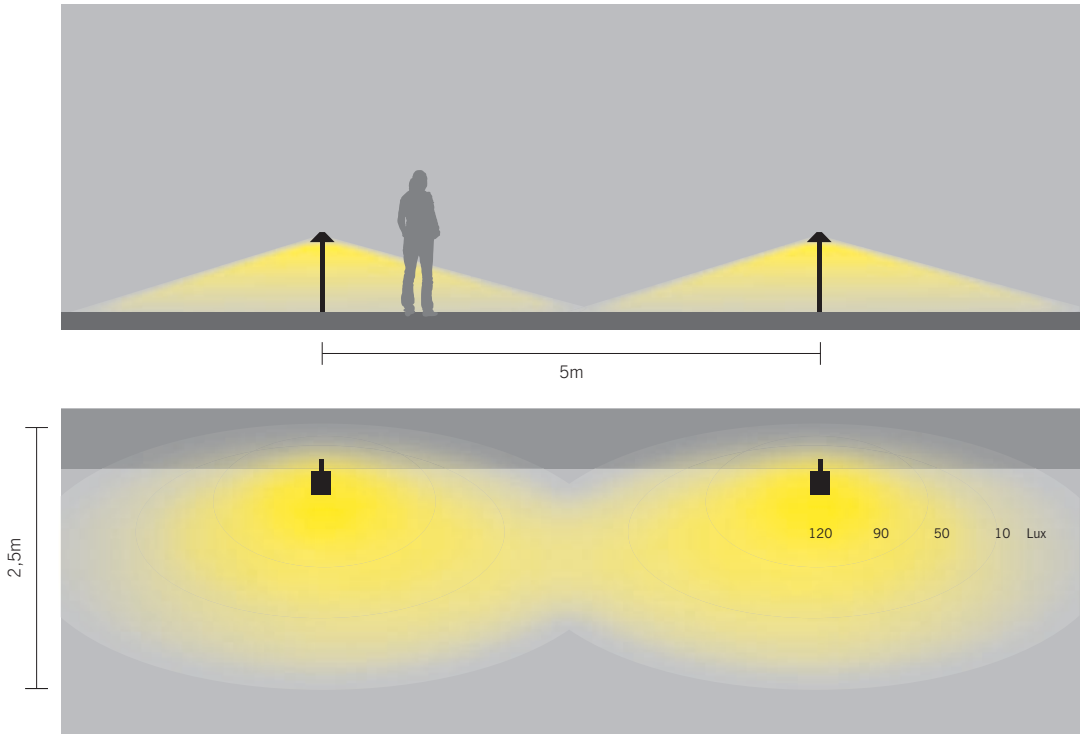
The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.
The combination of filters allows the lamp color features to be changed, to make the most of the objects lit or the space.



iTeka

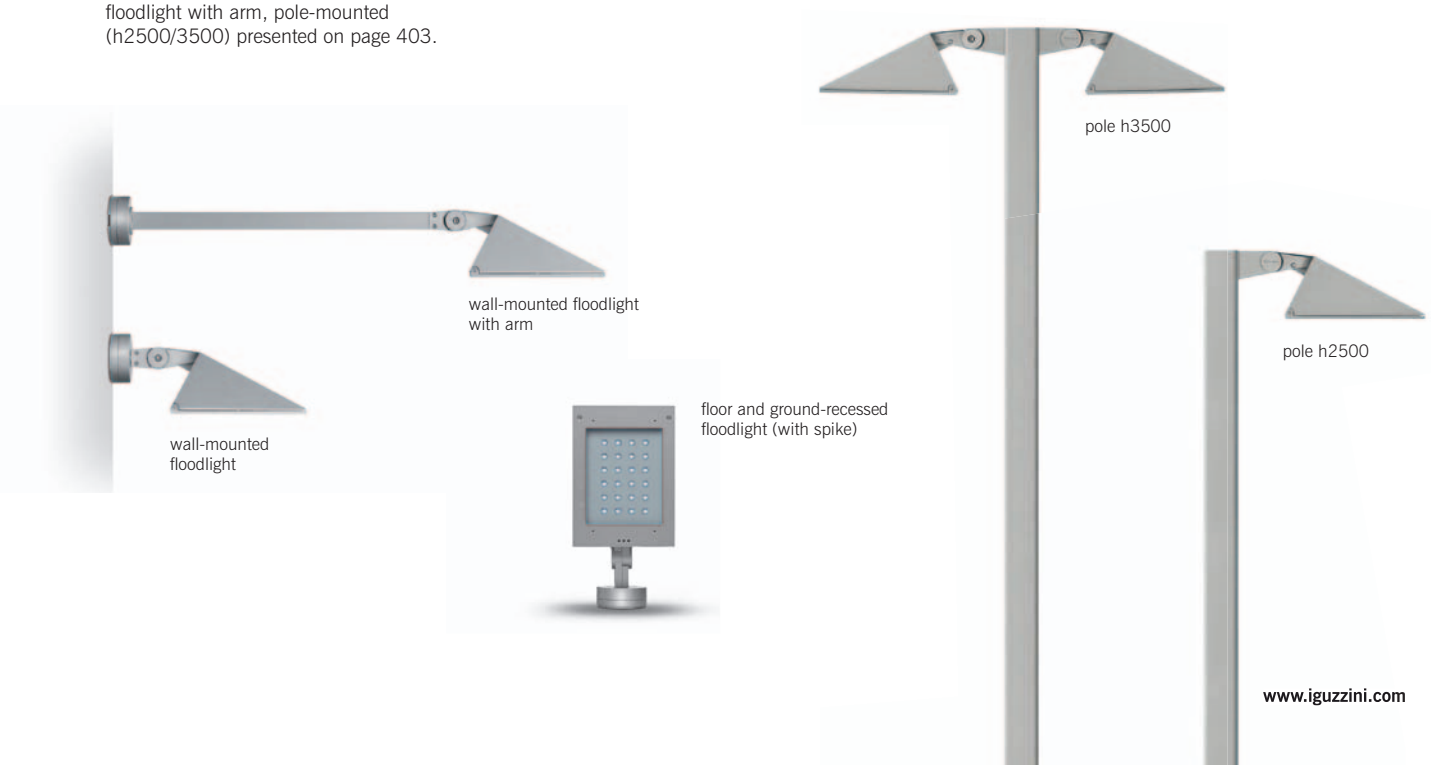
Light distribution

The ST1 optic allows significant lighting design performance even on h1000 bollards.

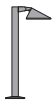


Versions

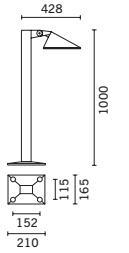
iTeka is available in the following versions: bollard, floodlight and floodlight with arm, pole-mounted (h2500/3500) presented on page 403.



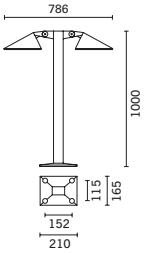
iTeka



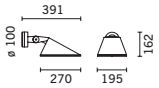
15
GREY



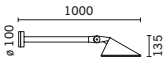
light source	W	lm	optic	code colour
LED	**Pole complete with optical assembly**			
	Neutral white			
	18 W	1640	ST1	**BU42** 15
	Available with warm white version			
	Cool white			
	27 W	2310	ALo	**B801** 15
	Available with warm white version code B802			
HIT-TC-CE (G8,5)	Electronic			
	35 W		AL	**B805** 15



light source	W	lm	optic	code colour
LED	**Pole complete with two optical assemblies**			
	Cool white			
	2x27 W	2310	ALo	**B808** 15
	Available with warm white version code B809			
HIT-TC-CE (G8,5)	Electronic			
	2x35 W		AL	**B812** 15



LED	**Floodlight with base**			
	Cool white			
	27 W	2310	ALo	**B791** 15
	Available with warm white version code B792			
QT-DE12 ES (R7s)	150 W max		AT	**B787** 15
TC-TEL (GX24q-1)	Electronic			
	13 W		AT	**B790** 15
HIT-CE (G12)	Electronic			
	35 W		AT	**B789** 15
HIT-TC-CE (G8,5)	Electronic			
	35 W		AL	**BA04** 15



	Floodlight with arm			
QT-DE12 ES (R7s)	150 W max		AT	**B794** 15
HIT-CE (G12)	Electronic			
	35 W		AT	**B797** 15
HIT-TC-CE (G8,5)	Electronic			
	35 W		AL	**B798** 15

accessories and installation systems

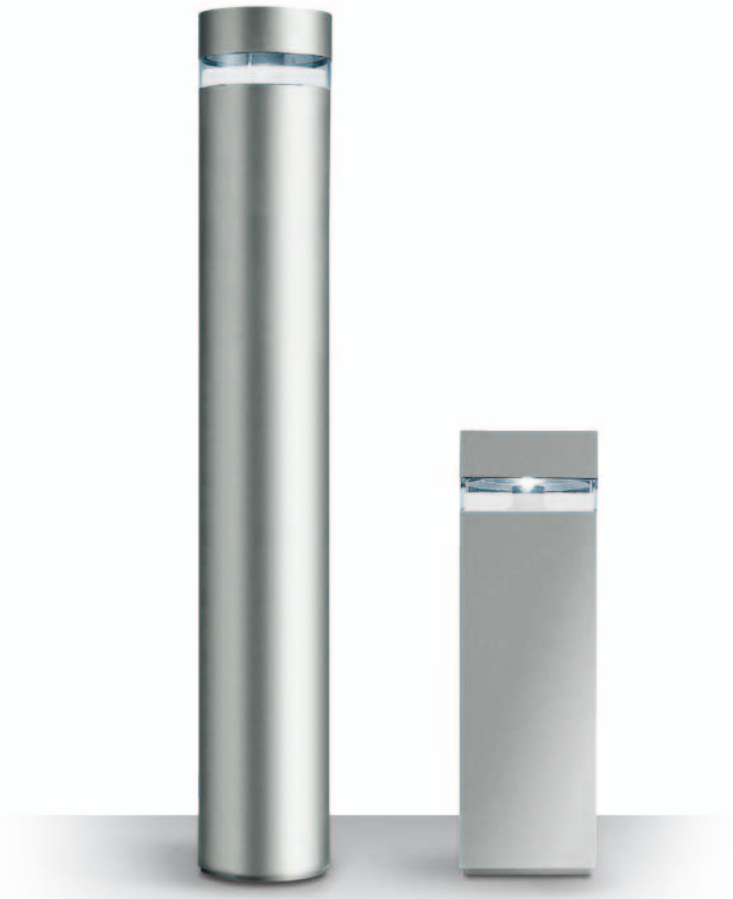
	code	colour
Diffusing glass to be fitted with accessory-holder frame	**B997**	65
Coloured filters to be fitted with accessory-holder frame	**B997**	05-06 09 no for LED The filter in colour 09 (sky blue) cannot be installed on the versions 35 W HIT-CE (G12)
Accessory-frame	**B996**	15
Protection grille Can also be fitted with accessory-holder frame	**B993**	15
Louvre for AL optic Can also be fitted with accessory-holder frame	**B994**	04
Louvre for AT optic Can also be fitted with accessory-holder frame	**B995**	04 for B787-B789-B790 B791-B794-B797 B798-BA04

	code	colour
Fixing plate with anchors for application on concrete plinth	**B518**	00 for B801-B805 B808 B812-BU42
Spike for ground application	**B989**	00 for B787-B789-B790 B791-BA04
Kit for fixing on concrete, solid brick and natural stone	**5596**	00 for B801-B805 B808 B812-BU42
Kit for fixing on concrete, solid brick and natural stone	**5595**	00 for B787-B789-B790 B791-B794-B797 B798-BA04
Support for attaching to pole ø 40÷60 mm Support for installation of one or two floodlights.	**1190**	15 for B787-B789-B790 B791-BA04
IP66 box for pass-through cables	**B510**	00 for B801-B805 B808 B812-BU42

Rainbow Headquarters - Loreto, Italy
Architectural project: Elisabetta Straffi and Sergio Bianchi
Lighting project: Effettoluce - Photo: Giuseppe Saluzzi

iWay

design Jean Michel Wilmotte



Features

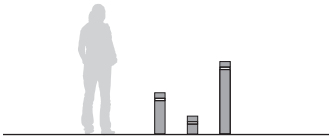
IP66 IK10

- Direct light luminaire for use with metal halide, compact fluorescent lamps and LEDs.
- The fixture is installed in the ground.
- iWay has a body and lamp compartment.
- High visual comfort.
- Extruded aluminium body; low copper content die-cast aluminium alloy base for fixing to the ground; polycarbonate diffuser; sheet aluminium lamp cover guard; super-pure aluminium reflector.
- Aluminium component-holding box, die-cast (ø 170 mm) or extruded (ø 90 mm versions); removable component-holding plate, fixed to the box by captive screws.
- Anchor base has Geomet-treated clamps, which are an extra guarantee against corrosion (to be ordered separately).
- Temperature of contact <75°.
- All screws are A2 stainless steel.

Anti-vandalism diffuser and structure

Resistant to uprooting

Temperature <75°



Versions

ø 170
h 250
h 610
h 1000

ø 90
h 610
h 1000

ø 170
h 720
h 1110

ø 90
h 653
h 1043

⧈ 170
h 250
h 610
h 1000

⧈ 90
h 610
h 1000

iWay

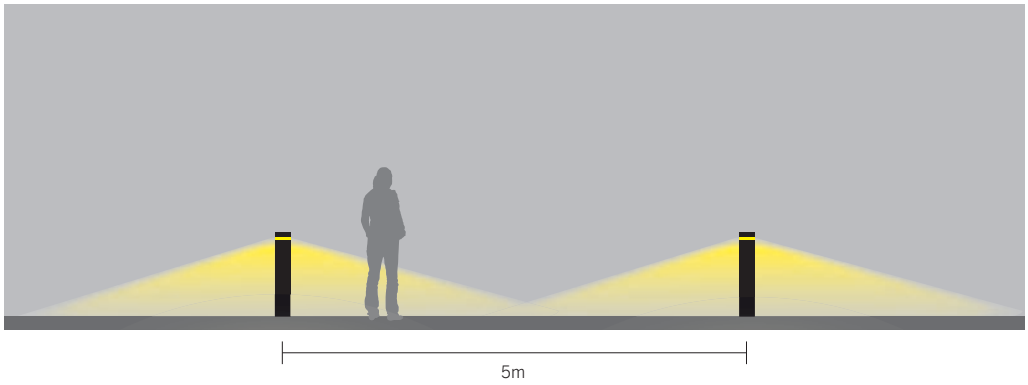
- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	
260	4,9W	20W	76%
1350	22W	2x35W	69%

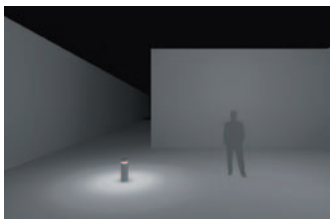
(3000K) LED energy saving compared with conventional lamps

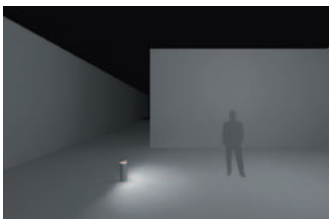
Lighting distribution

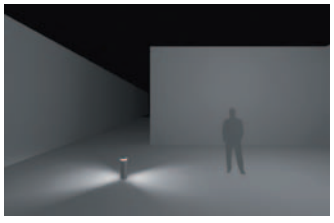
The iWay symmetrical optic on h1000 bollards allows considerable lighting design performance.

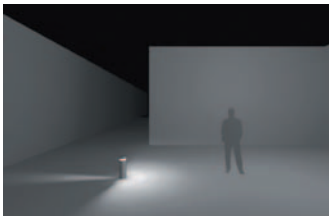


The 360° light flow can be contained or guided with special orientation screens that can restrict the emission as reduced angles or as a thin blade of light.


360° emission

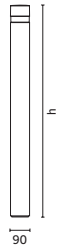

Screen for asymmetrical 180° emission


Screen for emission 90°+90°

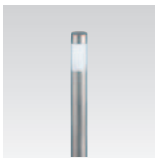

Screen for 180° emission + light blade

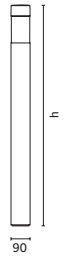
iWay

15
GREY



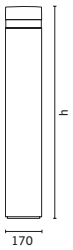
light source	W	lm	h	code colour
LED	Neutral white			
	4,9 W	300	610	**BG19** 15
	Warm white			
	4,9 W	260	610	**BG20** 15
HIT-CE (PGJ5)	Electronic			
	20 W		610	**B468** 15
	20 W		1000	**B472** 15





light source	W	h	code colour
TC-DEL (G24q-1)	Electronic		
	13 W	653	**B479** 15
	13 W	1043	**B480** 15

Complete with cylinder decorative



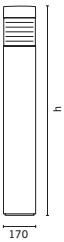
LED	Neutral white			
	22 W	1560	250	**BG23** 15
	21 W	1850	610	**MR81** 15
	21 W	1850	1000	**MR83** 15
	Warm white			
	22 W	1350	250	**BG24** 15
	21 W	1730	610	**MR82** 15
	21 W	1730	1000	**MR84** 15

Versions available with no upward light emission, complete with cover with visor and transparent screen.

HIT-CE (G12)	Electronic			
	35 W		250	**BG25** 15
	35 W		610	**B462** 15
	35 W		1000	**B465** 15
	70 W		1000	**B466** 15

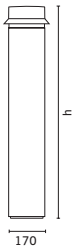
BLV “Colorlite TopSpot” can be used for B466

HIT-CE (PGJ5)	Electronic			
	20 W		610	**B463** 15



light source	W	h	code colour
TC-DEL (G24q-3)	Electronic		
	26 W (TC-DEL)	720	**B473** 15
TC-TEL (GX24q-3/4)	32/42 W (TC-TEL)		
	26 W (TC-DEL)	1110	**B475** 15
	32/42 W (TC-TEL)		

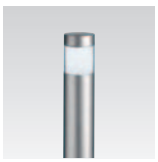
Complete with louvre

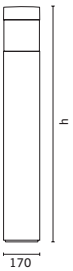


HIT-CE (G12)	Electronic			
	35 W		250	**BG29** 15
	35 W		610	**B634** 15
	35 W		1000	**B637** 15
	70 W		1000	**B638** 15

HIT-CE (PGJ5)	Electronic			
	20 W		610	**B635** 15

No upward emission of light flow.
BLV “Colorlite TopSpot”can be used for B638.



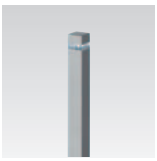


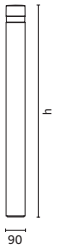
TC-DEL (G24q-3)	Electronic		
	26 W (TC-DEL)	720	**B476** 15
TC-TEL (GX24q-3)	32 W (TC-TEL)		
	26 W (TC-DEL)	1110	**B478** 15
	32 W (TC-TEL)		

Complete with cylinder decorative

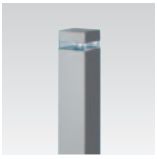
iWay

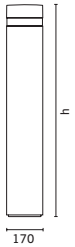
15
GREY



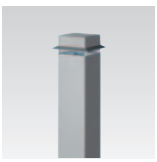


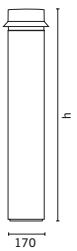
light source	W	lm	h	code	colour
LED	Neutral white				
	4,9 W	300	610	**BG21**	15
	Warm white				
	4,9 W	260	610	**BG22**	15
HIT-CE (PGJ5)	Electronic				
	20 W		610	**B488**	15
	20 W		1000	**B492**	15





light source	W	lm	h	code	colour
LED	Neutral white				
	22 W	1560	250	**BG26**	15
	21 W	1850	610	**MR85**	15
	21 W	1850	1000	**MR87**	15
	Warm white				
	22 W	1350	250	**BG27**	15
	21 W	1730	610	**MR86**	15
	21 W	1730	1000	**MR88**	15
	Versions available with no upward light emission, complete with cover with visor and transparent screen.				
HIT-CE (G12)	Electronic				
	35 W		250	**BG28**	15
	35 W		610	**B482**	15
	35 W		1000	**B485**	15
	70 W		1000	**B486**	15
	BLV “Colorlite TopSpot” can be used for B486				
HIT-CE (PGJ5)	Electronic				
	20 W		610	**B483**	15





light source	W	lm	h	code	colour
HIT-CE (G12)	Electronic				
	35 W		250	**BG30**	15
	35 W		610	**B642**	15
	35 W		1000	**B645**	15
	70 W		1000	**B646**	15
HIT-CE (PGJ5)	Electronic				
	20 W		610	**B643**	15
	No upward emission of light flow. BLV “Colorlite TopSpot”can be used for B646.				

accessories, installation systems and components	○ 90	□ 90	code	colour	○ 170	□ 170	code	colour
Screen for asymmetrical 180° emission			**B504**	04 no for LED - TC-DEL			**B503**	04 no for LED TC-DEL - TC-TEL
Screen for 90° + 90° emission			**B506**	04 no for LED - TC-DEL			**B505**	04 no for LED TC-DEL - TC-TEL
Screen for asymmetrical 180° emission + light blade			**B508**	04 no for LED - TC-DEL			**B507**	04 no for LED TC-DEL - TC-TEL
Screen for asymmetrical 180° emission			---	---			**X023**	04 for LED versions ø 170
Screen for asymmetrical 180° emission			---	---			**X024**	04 for LED versions ⍁ 170
Fixing plate with anchor bolts			**B514**	00			**B513**	00
Box for cables IP55			---	---			**B511**	00 except versions h 250 mm
Box for cables IP66			**B512**	00			---	---
Connector block IP68			---	---			**BZG8**	00 for BG23-BG24-BG25 BG26-BG27-BG28 BG29-BG30
Connector IP68			---	---			**BZH0**	00 for BG23-BG24-BG25 BG26-BG27-BG28 BG29-BG30

Pencil

design Jean Michel Wilmotte

Features

IP66 IK10

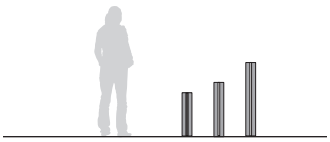
- Direct light luminaire for use with LEDs.
- The fixture is installed in the ground.
- High visual comfort.
- Extruded aluminium body; die-cast aluminium alloy base for fixing to the ground; polycarbonate diffuser; die-cast aluminium outer cover; super-pure aluminium reflector.
- Anchor base has Geomet-treated clamps, which are an extra guarantee against corrosion (to be ordered separately).
- Maximum surface temperature of all accessible parts is 50° C.

Anti-vandalism diffuser and structure

Resistant to uprooting

Temperature <50°

Transversal baffle



- **LED Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Warm white **3000K**

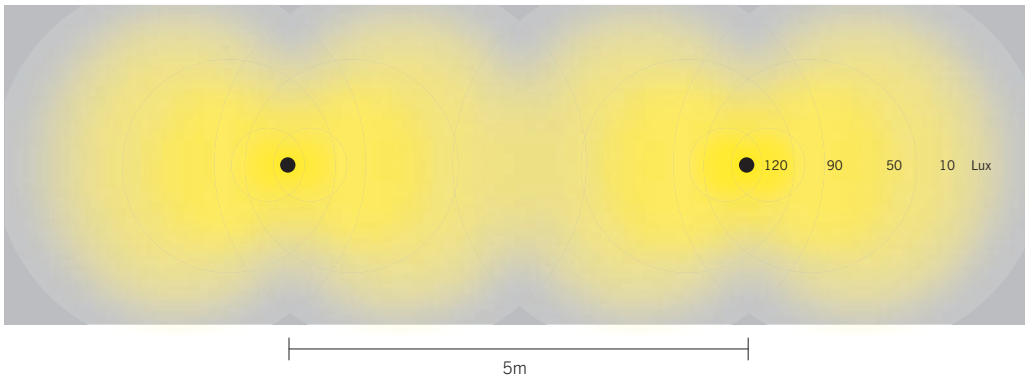
lumen lm	LED	QR CBC 51	ENERGY SAVING
750	6,4W	35W	82%
1500	13W	2x35W	71%

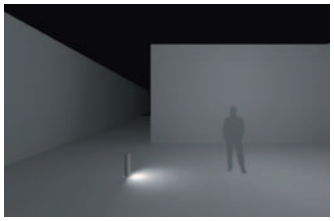
(3000K) LED energy saving compared with conventional lamps

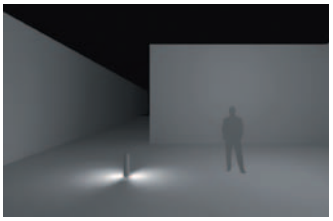
Pencil

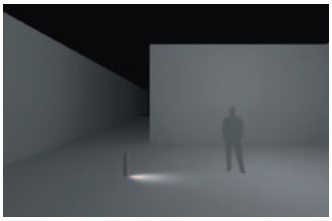
Lighting distribution

Pencil has a circular or rectangular cross-section, its appearance strongly influenced by the vertical line of the single or double diffuser screens. They may be single and double emission with an aperture of around 120°. The transversal louver grille reduces upward light flow.
The dual-emission version with h1250 achieves high lighting performances as shown in the diagram.



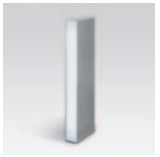

Single light emission


Double light emission


Emission with transversal baffle

light source	W	lm	h	ø	code colour
LED	**Single light emission**				
	Warm white				
	6,4 W	750	330	88	**BN34** 15
	13 W	1500	610	88	**BN35** 15
	22 W	2600	1170	88	**BN37** 15
	Double light emission				
	Warm white				
	2x13 W	3000	610	136	**BN36** 15
	2x22 W	5200	1170	136	**BN38** 15

Complete with power supply



light source	W	lm	h	code colour
LED	**Single light emission**			
	Warm white			
	6,4 W	750	330	**BN39** 15
	13 W	1500	610	**BN40** 15
	22 W	2600	1170	**BN42** 15
	Double light emission			
	Warm white			
	2x13 W	3000	610	**BN41** 15
	2x22 W	5200	1170	**BN94** 15

Complete with power supply

accessories and installation systems

	○ code	colour	□ code	colour
Clear diffuser	**X025**	B6 for versions h=330	**X028**	B6 for versions h=330
	X026	B6 for versions h=610	**X029**	B6 for versions h=610
	X027	B6 for versions h=1170	**X030**	B6 for versions h=1170
Transversal baffle	**X031**	04 for versions h=330	**X034**	04 for versions h=330
	X032	04 for versions h=610	**X035**	04 for versions h=610
	X033	04 for versions h=1170	**X036**	04 for versions h=1170

Baffles must be installed in combination with the transparent screen

	○ code	colour	□ code	colour
Fixing plate with anchor bolts	**B515**	00 for versions ø 88	**B517**	00
	B516	00 for versions ø 136		
Box for cables IP66	**B512**	00 for versions ø 136	**B512**	00

iPoint

design Pamio Design

Features

IP66 IK06

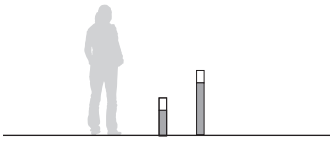
- Diffused light luminaire for use with compact fluorescent lamps.
- Available in pathway, ceiling-mounted and wall-mounted versions.
- Made up of component-holding body and glass diffuser.
- Pathway version: extruded aluminium external cylinder, component-holding compartment and lower base made of aluminium alloy; ground fixing base made of aluminium alloy with low copper content and high corrosion resistance. Ground/floor installation with anchoring plugs or cylindrical support made of galvanized steel complete with threaded inserts and stainless steel screws.
- Wall-mounted version: body and wall base made of aluminium alloy.
- Ceiling-mounted version: body made of aluminium alloy, ceiling-fixing plate made of pre-galvanized steel.
- All of the versions have a sodium glass outer closing screen.
- Floor and ground installation system with plate and bolts and cylindrical installation system with screws.
- All external screws are in A2 stainless steel.

Sodium glass screen

Installations

Ground installation

Floor installation



Versions

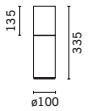
low stake

ceiling-mounted

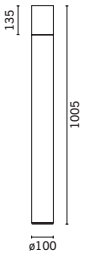
wall-mounted

iPoint

15
GREY

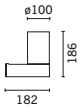


light source	W	code colour
	Floor installation	
TC-DEL (G24q-2)	Electronic	
	18 W	**BE07** 15
TC-TSE (E27)	11 W	**BE08** 15



light source	W	code colour
	Floor installation	
TC-DEL (G24q-2)	Electronic	
	18 W	**BE09** 15
TC-TSE (E27)	11 W	**BE10** 15

	Ceiling-mounted	
TC-DEL (G24q-1)	Electronic	
	13 W	**BG06** 15
TC-TSE (E27)	11 W	**BE11** 15



	Wall-mounted	
TC-DEL (G24q-1)	Electronic	
	13 W	**BE12** 15

installation systems and components

	code	colour
Ground fixing system h=400	**BZ97**	00
	for BE07-BE08 BE09-BE10	
Fixing plate with anchor bolts IP44	**B514**	00
	for BE07-BE08 BE09-BE10	
Watertight connector kit IP68	**9581**	04
	for BE07-BE08-BE09 BE10-BE11-BG06	
Box for cables IP66	**B512**	00
	for BE09-BE10	

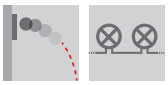
Zyl

design Massimiliano and Doriana Fuksas

Features

IP66 IK07

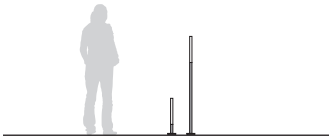
- Diffused light luminaire for use with LEDs.
- Available in pathway, semi-recessed wall-mounted and suspended versions with ceiling-mounted or recessed base.
- Made up of component-holding body and diffuser.
- Cylindrical body and base made of AISI 304 stainless steel, inner component-holding box made of aluminium; transparent polycarbonate outer screen and transparent methacrylate inner decorative cylinder.
- Transparent cable L=2000 mm for ceiling-mounted version.
- In the recessed base the internal structure is made of pre-galvanized sheet steel. Universal installation on false ceilings with 1÷30mm thickness.
- Luminaire ready for pass-through wiring.
- All external screws are in A2 stainless steel.



Installations

Ground installation with spike

Floor installation



Versions

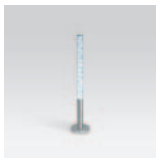
low stake

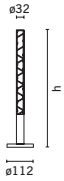
Suspended with recessed base

Semi-recessed wall-mounted installation

Zyl

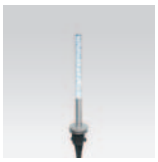
13
STEEL

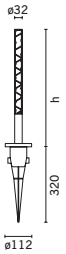




light source	W	lm	h	code	colour
LED	Floor installation				
	Neutral white				
	1,7 W	110	500	**BE02**	13
	1,7 W	110	1350	**BE04**	13

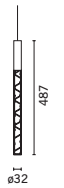
Power supply to be ordered separately





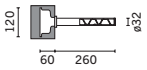
light source	W	lm	h	code	colour
LED	Ground installation				
	Neutral white				
	1,7 W	110	500	**BE03**	13
	1,7 W	110	1350	**BE05**	13

Complete with power supply
Class of Insulation II



light source	W	lm	h	code	colour
LED	Pendant				
	Neutral white				
	1,7 W	110		**BG05**	13

Complete with transparent cable L=2000.
Installation system and ballast
to be ordered separately.



light source	W	lm	h	code	colour
LED	Semi-recessed wall-mounted installation				
	Neutral white				
	1,7 W	110		**BE06**	13

Complete with casing
Power supply to be ordered separately

installation systems and components

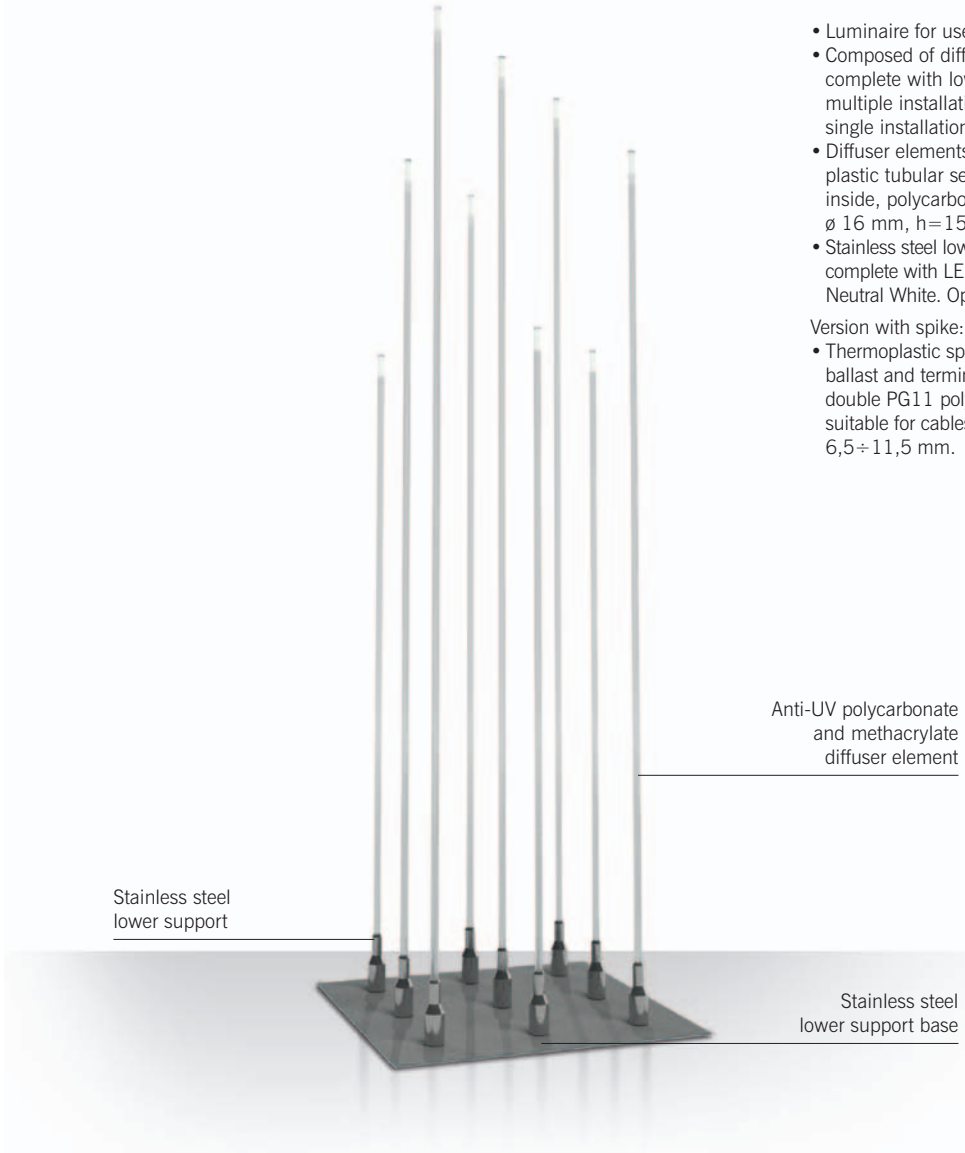
	code	colour
Ground/floor fixing system h=400 To be used with gravel	**BZ97**	00 for BE02-BE04
Suspension base IP20 dim. ø 70 mm - h 22 mm	**BZF2**	13 for BG05
Recessed suspension base IP20 dim. ø 85 mm - h 5 mm Hole for installation ø 75 mm	**BZF3**	13 for BG05
Electronic power supply 6 W - IP20 VIN= 100-240Vac / 50-60 Hz VOUT= 12Vdc 500mA dim. 40x42x22h	**BZ98**	00
Electronic power supply 12 W - IP20 Vin=220-240Vac / 50-60 Hz Vout= 24Vdc 500mA dim. 38x119x28h	**BZ99**	00

	code	colour
Electronic power supply 20 W - IP20 Vin=110-240Vac / 50-60 H Vout= 42Vdc 500mA dim. 38x119x28h	**BZA0**	00
Box for power supplies IP67 dim. 140x230x95h	**9582**	00 for BZ98-BZ99-BZA0
Connector block without power supply IP68 dim. 135x82x70h	**B915**	04 for BZ98
Watertight connector kit IP68	**9581**	04

Villa Colloredo Park - Recanati, Italy
Lighting project: Dean Skira - Photo: Giuseppe Saluzzi

Typha

design Susana Jelen - Eduardo Leira



Features

IP67 IK07

- Luminaire for use with LEDs.
- Composed of diffuser elements complete with lower support for multiple installation with base or single installation with spike.
- Diffuser elements made of double plastic tubular section (methacrylate inside, polycarbonate outside); ø 16 mm, h=1500 mm.
- Stainless steel lower support complete with LED circuit 1,5 W Neutral White. Optic with plastic lens.

Version with spike:

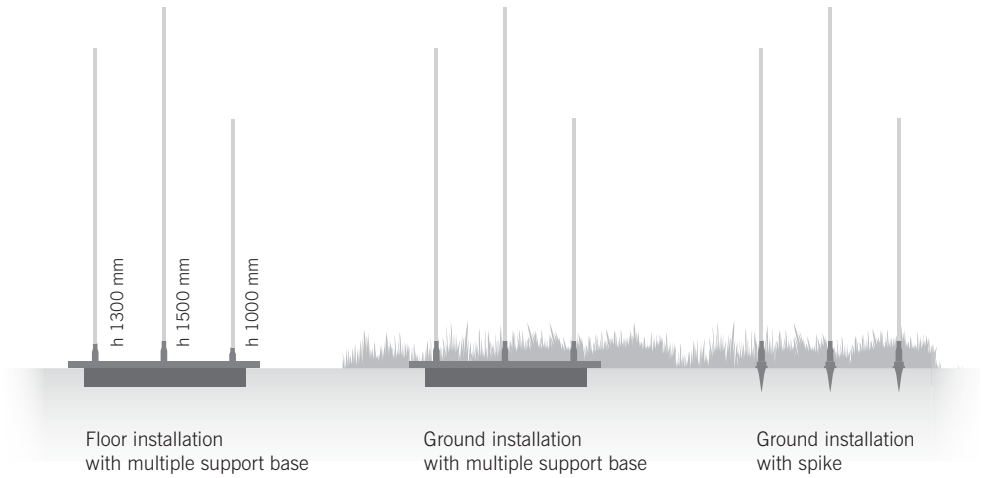
- Thermoplastic spike; electronic ballast and terminal board included; double PG11 polyamide cable gland, suitable for cables with diameter 6,5÷11,5 mm.

Version with base for multiple installation:

- Optional stainless steel support base with multi-hole upper plate to be ordered separately, complete with junction box for simplified wiring.
- Electronic power supplies and related IP housing boxes to be ordered separately.
- A concrete plinth with drainage channel must be prepared before installing the base.
- All external screws are in A2 stainless steel.

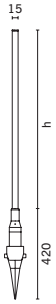
Installations

Typha can be installed with base to support the diffuser elements (max. nine) both in ground and floor. A spike version is available for ground installation of each diffuser element.



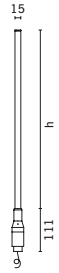
Typha

13
STEEL



light source	W	lm	h	code	colour
LED	**Ground installation**				
	Neutral white				
	1,7 W	110	1000	**ADT0**	13
	1,7 W	110	1300	**ADT1**	13
	1,7 W	110	1500	**ADT2**	13

Complete with power supply and pass-through cables
Class of Insulation II



light source	W	lm	h	code	colour
LED	**Installation on multiple support base**				
	Neutral white				
	1,7 W	110	1000	**ADT3**	13
	1,7 W	110	1300	**ADT4**	13
	1,7 W	110	1500	**ADT5**	13

Power supply to be ordered separately.
Complete with exiting cable L=3000

installation systems and components

	code	colour
Multiple support base (max. 9 elements) dim. 500x500x126h	**T415**	13
Electronic power supply 6W - IP20 VIN= 100-240Vac / 50-60 Hz VOUT= 12Vdc 500mA dim. 40x42x22h	**BZ98**	00
Electronic power supply 12W - IP20 Vin=220-240Vac / 50-60 Hz Vout= 24Vdc 500mA dim. 38x119x28h	**BZ99**	00
Electronic power supply 20W - IP20 Vin=110-240Vac / 50-60 H Vout= 42Vdc 500mA dim. 38x119x28h	**BZA0**	00

	code	colour
Box for power supplies IP67 dim. 140x230x95h	**9582**	00 for BZ98-BZ99-BZA0
Connector block without power supply IP68 dim. 135x82x70h	**B915**	04 for BZ98
Connector block IP68	**BZG8**	00
2-way connector with 2-pin terminal board	**BZH0**	00
Watertight connector kit IP68	**9581**	04

Tee

design Yamada

Features

IP55 IK07

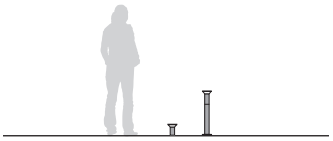
- Diffused light luminaire for use with LEDs.
- For wall, floor/low wall, and ground installations.
- Fitting has an extruded aluminium body and moulded and tempered diffusing glass.
- Painted aluminium upper cover.
- Version for ground installation complete with thermoplastic spike.
- H=600 mm version has aluminium alloy base.
- All external screws are in A2 stainless steel.

Prismatic diffusing glass

Installation

Ground installation

Floor installation



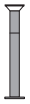
Versions

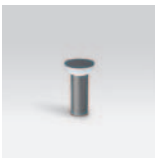
Low stake

Semi-recessed wall-mounted installation

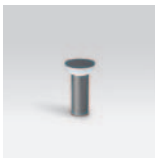
Tee

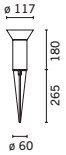
04
BLACK


15
GREY



light source	W	lm		code	colour
LED			Floor installation		
			Warm white		
	3,5	W 230		**B869**	04-15

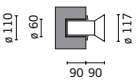




light source	W	lm		code	colour
LED			Ground installation		
			Warm white		
	3,5	W 230		**B875**	04-15

light source	W	lm		code	colour
LED			Floor installation		
			Warm white		
	3,5	W 230		**B881**	04-15

light source	W	lm		code	colour
LED			Ground installation		
			Warm white		
	3,5	W 230		**B887**	04-15



light source	W	lm		code	colour
LED			Semi-recessed wall-mounted installation		
			Warm white		
	3,5	W 230		**B869+5931**	04 15

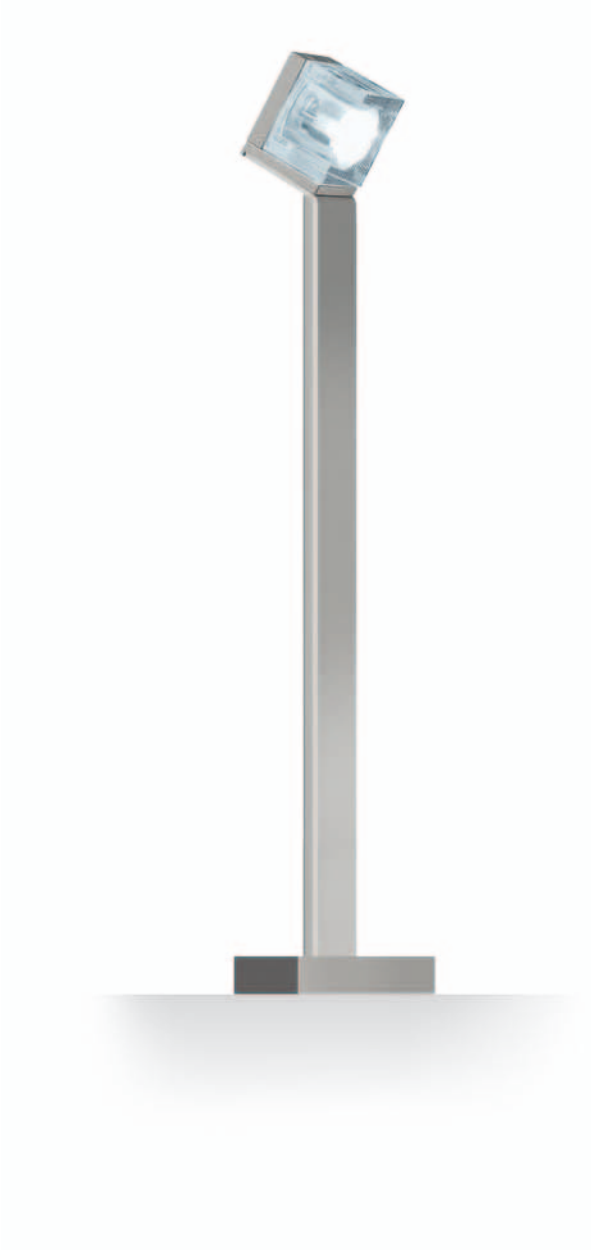
Fitted with a polystyrene body moulding cover

accessories and installation systems

		code	colour
	Screen	**5932**	04-15
	Fastening system h=170	**5933**	00 for B881

Glim Cube

design Piero Castiglioni



Features

IP66 IK08

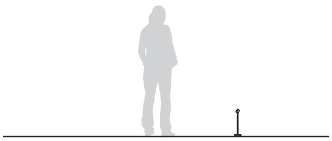
- Luminaire for use with LEDs.
- Pathway lighting models have a body, a support rod, and either a base for ground installation or a spike to bury the fitting into the ground. The fitting is a polymetacrylic cube; body supports are made of Zama 15, support rods are made of AISI 304 stainless steel with a granolithic and passivation treatment; spike (for ground spike versions) made of polypropylene; double PG11 cable gland made of polyamide.
- Wall-mounted versions have a screen and base for support. Polymetacrylic striped screen, die-cast aluminium support base (made of Zama 15 for single versions), stainless steel plate for wall-mounted and M5x10 grub screws; PG11 stainless steel cable gland (for versions with power supply).
- LED versions available with RGB dynamic colour change compatible with light management systems.
- RGB LED versions with DIRECT-DIM: possibility of also adjusting using a simple electric push-button.
- Temperature of contact < 40°C.
- Luminaire reduced dimensions.
- All external screws are in A2 stainless steel.

Compact size

Installations

Ground installation with spike

Floor installation



Versions

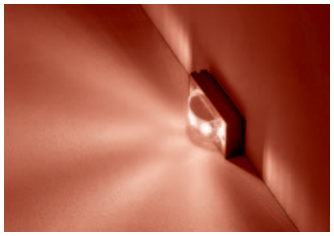
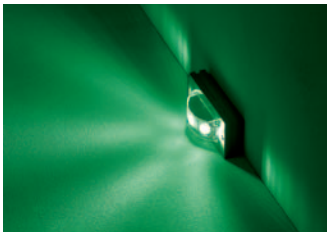
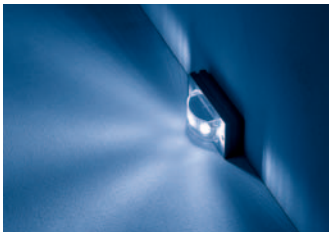
Rainbow Headquarters - Loreto, Italy

Architectural project: Elisabetta Straffi and Sergio Bianchi - Lighting project: Effettoluce - Photo: Giuseppe Saluzzi

Glim Cube

RGB version

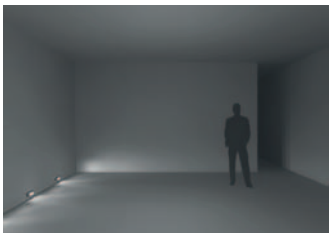
RGB versions allow bright, saturated colours, which if suitably controlled can create dynamic colour scenes.

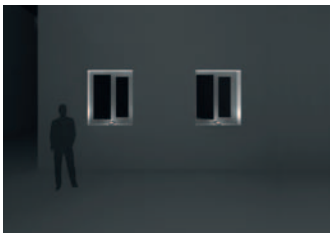




Lighting effect

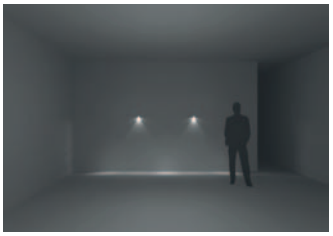
The carefully designed prismatic diffuser provides a vast range of light distributions, making Glim Cube a complete and highly versatile system.

Elliptical effect - E


Light Sliver Optic effect - L


Light Sliver Optic effect - L
Window application

Spot effect - S


Flood effect - F

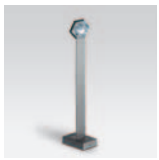
Spot/Spot effect - S/S

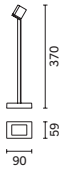
Flood/Flood effect - F/F

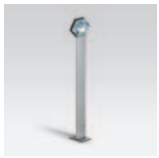
Glim Cube

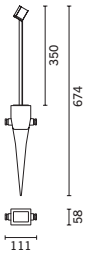
13
STEEL

15
GREY



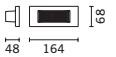


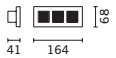




light source	W	lm	optic	code colour	
LED	**Floor installation**				
	Neutral white				
	1,2 W	90	E	**BB20** 13	
	Warm white				
	1,2 W	80	E	**BB21** 13	
	Power supply to be ordered separately				
	RGB				
	1,5 W	70	E	**BC33** 13	
	DALI or DMX-RDM driver group to be ordered separately				
	IK07				
LED	**Ground installation**				
	Neutral white				
	1,2 W	90	E	**BB16** 13	238,70
	Warm white				
	1,2 W	80	E	**BB17** 13	238,70
	Complete with power supply Class of Insulation II				
	Neutral white				
	1,2 W	90	E	**BB18** 13	207,30
	Warm white				
	1,2 W	80	E	**BB19** 13	207,30
	Power supply to be ordered separately				
	RGB				
	1,5 W	70	E	**BC32** 13	236,20
	DALI or DMX-RDM driver group to be ordered separately				
	IK07				

Compatible with light management systems of the iGuzzini range illustrated on page 25.
For the system definition, refer to the instructions.





light source	W	lm	optic	code colour	
LED	Neutral white				
	3,5 W	260	L	**BA99** 15	
	Warm white				
	3,5 W	230	L	**BB01** 15	
	Complete with power supply Class of Insulation I				
	IK04				
LED	Neutral white				
	3,5 W	260	E	**BB04** 15	257,60
	Warm white				
	3,5 W	230	E	**BB05** 15	257,60
	Complete with power supply Class of Insulation I				
LED	Neutral white				
	3,5 W	260	L	**BA97** 15	194,80
	Warm white				
	3,5 W	230	L	**BA98** 15	194,80
	Power supply to be ordered separately				
	RGB				
	4,6 W	200	L	**BC25** 15	239,50
	DALI or DMX-RDM driver group to be ordered separately				
	IK04				
LED	Neutral white				
	3,5 W	260	E	**BB02** 15	213,80
	Warm white				
	3,5 W	230	E	**BB03** 15	213,80
	Power supply to be ordered separately				
	RGB				
	4,6 W	200	E	**BC26** 15	278,50
	DALI or DMX-RDM driver group to be ordered separately				

Glim Cube

15
GREY

light source	W	lm	optic	code colour
LED	Neutral white			
	1,2 W	90	E	**BB06** 15
	Warm white			
	1,2 W	80	E	**BB07** 15
	Power supply to be ordered separately			
	RGB			
	1,5 W	70	E	**BC27** 15
	DALI or DMX-RDM driver group to be ordered separately			

light source	W	lm	optic	code colour
LED	Up light o down light			
	Neutral white			
	1,2 W	90	S	**BB08** 15
	1,2 W	90	F	**BB10** 15
	Warm white			
	1,2 W	80	S	**BB09** 15
	1,2 W	80	F	**BB11** 15
	Power supply to be ordered separately.			
	RGB			
	1,5 W	70	S	**BC28** 15
	1,5 W	70	F	**BC29** 15
	DALI or DMX-RDM driver group to be ordered separately			

light source	W	lm	optic	code colour
LED	Up/down light			
	Neutral white			
	2,4 W	180	S/S	**BB12** 15
	2,4 W	180	F/F	**BB14** 15
	Warm white			
	2,4 W	160	S/S	**BB13** 15
	2,4 W	160	F/F	**BB15** 15
	Power supply to be ordered separately			
	RGB			
	3,0 W	135	S/S	**BC30** 15
	3,0 W	135	F/F	**BC31** 15
	DALI or DMX-RDM driver group to be ordered separately			

Compatible with light management systems of the iGuzzini range illustrated on page 25. For the system definition,refer to the instructions.

components for monochromatic versions

	code	colour
Electronic power supply 7 W - IP20 VIN=100÷240Vac / 50÷60Hz VOUT=24Vdc 350mA dim. 42x40x22h	**9905**	00
Electronic power supply 8,5 W - IP20 Vin=220-240Vac / 50-60 Hz Vout=1,8-25Vdc 350mA dim. 40x80x22h	**9906**	00
Electronic power supply 17 W - IP20 Vin=110÷240Vac / 50÷60Hz Vout=48Vdc 350mA dim. 38x122x28h	**9907**	00
Box for power supplies IP67 dim. 140x230x95h	**9582**	00 for 9905-9906-9907
Connector block without power supply IP68 dim. 135x82x70h	**B915**	04
Watertight connector kit IP68	**9581**	04

components for RGB versions

	code	colour
Driver Group Class II 220-240Vac Composed of 350mA interface and 30 W 48Vdc electronic power supply. Occupies 3 DALI addresses.	**9856**	00 for connection of max: - 12 luminaires BC27 BC28-BC29-BC32-BC33 - 6 luminaires BC30-BC31 - 4 luminaires BC25-BC36
Driver Group - Class II 220-240Vac Composed of DMX-RDM interface and 30W 48Vdc electronic power supply.	**X001**	00 for connection of max: - 12 luminaires BC27 BC28-BC29-BC32-BC33 - 6 luminaires BC30-BC31 - 4 luminaires BC25-BC36
Box for power supplies IP67 dim. 280x190x130h	**BZ33**	00 for 9856

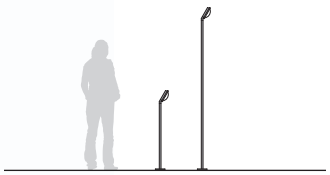
iFace

design Luigi Massoni

Features

IP66 IK10

- Diffused light luminaire for use with incandescent and fluorescent lamps.
- Wall-mounted, ceiling-mounted and pole installation.
- Polycarbonate assembly structure; polycarbonate outer frame; moulded polycarbonate diffuser screen.
- Available with electronic control gear, emergency with inverter and inductive with separate switches.
- Extruded aluminium pole.
- All screws are A2 stainless steel.



Ceiling mounted versions

Halo

White frame

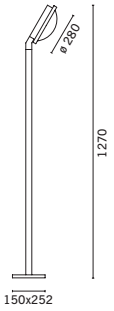
Grey frame

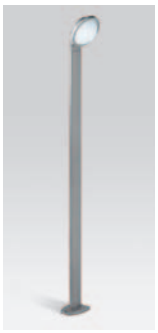
iFace

01 WHITE
15 GREY

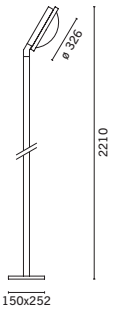
light source	W	ø	code colour
	Pole complete with luminaire		
TC-TSE (E27)	20 W (TC-TSE)		**B850** 15
	60 W max (HALOES)		
HALOES (E27)			
TC-TEL (GX24q-3)	Electronic		
	26 W		**B852** 15

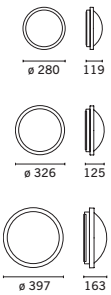
Version with inductive control gear
code B851 (26 W TC-D) available on request.





light source	W	ø	code colour
	Pole complete with luminaire		
TC-TSE (E27)	30 W (TC-TSE)		**B853** 15
	75 W max (HALOES)		
HALOES (E27)			
TC-TEL (GX24q-3)	Electronic		
	26/32 W		**B855** 15

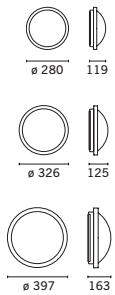




	Luminaire		
TC-TSE (E27)	20 W (TC-TSE)	280	**B828** 01-15
	60 W max (HALOES)		
	30 W (TC-TSE)	326	**B834** 01-15
HALOES (E27)	75 W max (HALOES)		
	2x23 W (TC-TSE)	397	**B840** 01-15
	2x60 W max (HALOES)		
TC-TEL (GX24q-3/4)	Electronic		
	26 W	280	**B830** 01-15
	26 W	326	**B835** 01-15
	26/32 W	326	**B836** 01-15
	42 W	397	**B841** 01-15
	2x26 W	397	**B843** 01-15
	Emergency with inverter		
	26 W	397	**B844** 01-15
TC-D (G24d-1)	Inductive with separate switches		
	2x26 W	397	**B842** 01-15

Class of Insulation I

Version ø 280 with inductive control gear
code B829 (26 W TC-D) available on request.



	Luminaire with halo		
TC-TSE (E27)	20 W (TC-TSE)	280	**B831** 01-15
	60 W max (HALOES)		
	30 W (TC-TSE)	326	**B837** 01-15
HALOES (E27)	75 W max (HALOES)		
	2x23 W (TC-TSE)	397	**B845** 01-15
	2x60 W max (HALOES)		
TC-TEL (GX24q-3/4)	Electronic		
	26 W	280	**B833** 01-15
	26 W	326	**B838** 01-15
	26/32 W	326	**B839** 01-15
	42 W	397	**B846** 01-15
	2x26 W	397	**B848** 01-15
	Emergency with inverter		
	26 W	397	**B849** 01-15
TC-D (G24d-1)	Inductive with separate switches		
	2x26 W	397	**B847** 01-15

Class of Insulation I

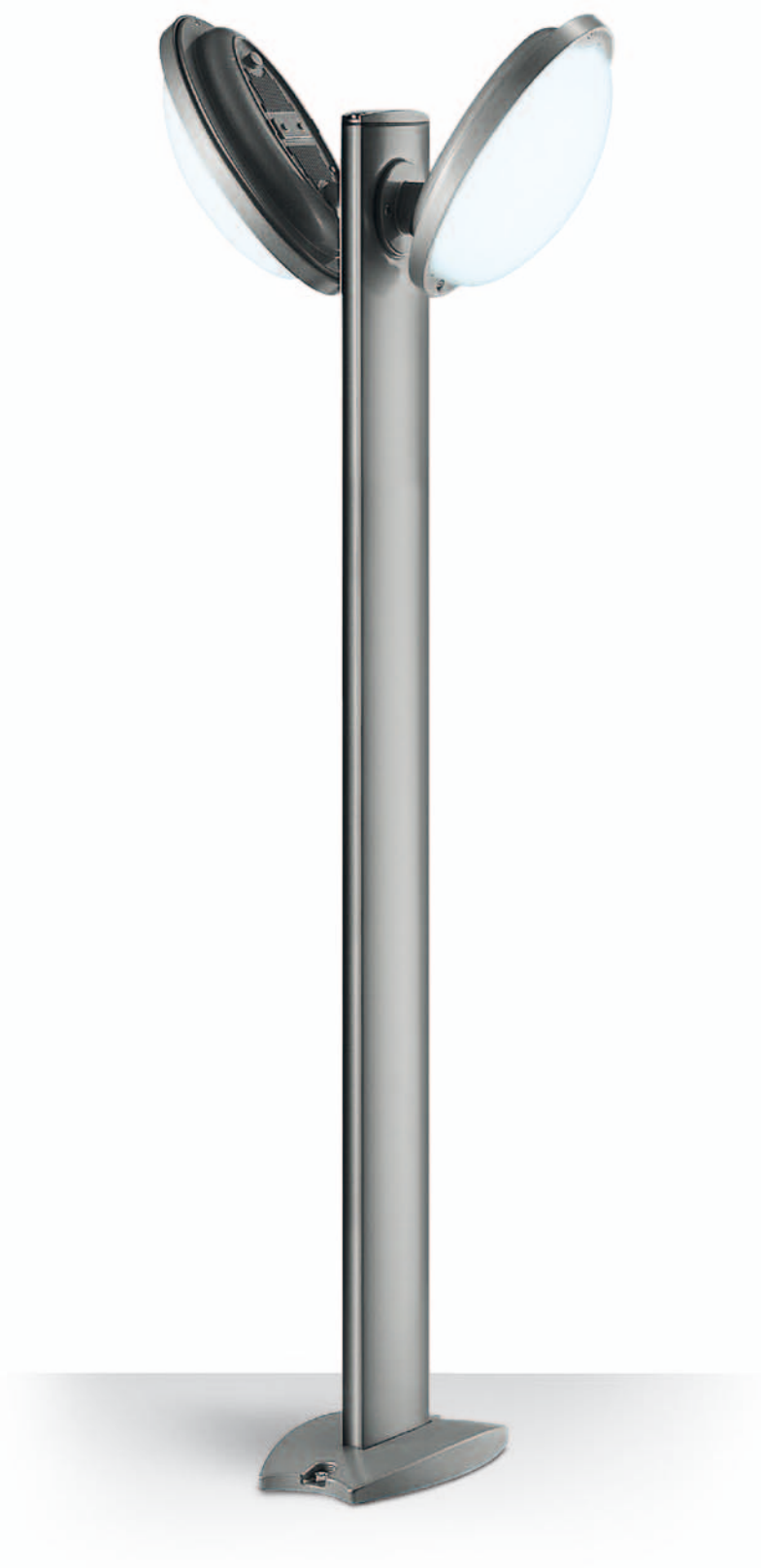
Version ø 280 with inductive control gear
code B832 (26 W TC-D) available on request.

accessories

		code	colour
251x150 L=160 ø 16	Fixing plate with anchoring bolts	**0455** for B850-B852 B853-B855	00

Ellipse

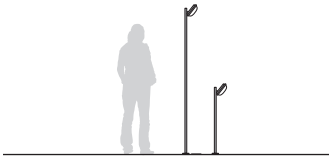
design Luigi Massoni



Features

IP54 IK08

- Diffused light luminaire for use with halogen, fluorescent lamps and LEDs.
- Pole, wall/ceiling installation.
- External die-cast aluminium frame; pressure-moulded glass diffuser (model with polycarbonate screen available upon request; cables for fluorescent lamps). Aluminium reflector.
- Extruded aluminium pole.
- All screws are A2 stainless steel.
- IK08 (IP55 LED versions).



Uniform illumination

The diffuser screen guarantees uniform lighting and excellent visual comfort.

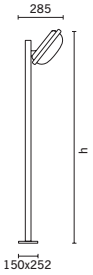
Versions

Ceiling-mounted luminaire

Wall-mounted luminaire

Ellipse

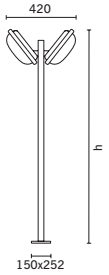
01 WHITE | 04 BLACK | 15 GREY | 74 GREY/BLACK



light source	W	lm	h	code colour
LED	**Pole complete with luminaire**			
	Neutral white			
	8,7 W	800	1100	**BH54** 04-15
	Warm white			
	8,7 W	750	1100	**BH55** 04-15
HALOES (E27)	60 W max (HALOES)		1100	**7576** 04-15
TC-TSE (E27)	23 W (TC-TSE)			
	60 W max (HALOES)		2000	**7579** 04-15
	23 W (TC-TSE)			
TC-T (GX24d-3)	26 W		1100	**7578** 04-15
	26 W		2000	**7581** 04-15

Class of insulation I

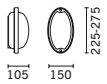
On request, fixtures supplied with polycarbonate screen.



light source	W	lm	h	code colour
LED	**Pole complete with two luminaires**			
	Neutral white			
	2x8,7 W	800	1100	**BH56** 04-15
	Warm white			
	2x8,7 W	750	1100	**BH57** 04-15
HALOES (E27)	2x60 W max (HALOES)		1100	**7582** 04-15
TC-TSE (E27)	2x23 W (TC-TSE)			
	2x60 W max (HALOES)		2000	**7585** 04-15
	2x23 W (TC-TSE)			
TC-T (GX24d-3)	2x26 W		1100	**7584** 04-15
	2x26 W		2000	**7587** 04-15

Class of insulation I

On request, fixtures supplied with polycarbonate screen.



light source	W	lm	size	code colour
LED	**Ceiling-mounted luminaire**			
	Neutral white			
	4,3 W	400	150x225	**7033** 01-04-74
	8,7 W	800	150x275	**7038** 01-04-74
	Warm white			
	4,3 W	380	150x225	**7036** 01-04-74
	8,7 W	750	150x275	**7039** 01-04-74
HALOES (E27)	60 W max (HALOES)		150x225	**7113** 01-04-74
TC-DSE (E27)	11 W max (TC-DSE)			
TC-TSE (E27)	15 W max (TC-TSE)			
	60 W max (HALOES)		150x275	**7116** 01-04-74
	23 W (TC-TSE)			
TC-T (GX24d-3)	26 W		150x275	**7119** 01-04-74

Class of insulation I

On request, fixtures supplied with polycarbonate screen.

LED	**Wall-mounted luminaire**	
	Neutral white	
	8,7 W 800	**BH52** 04-15
	Warm white	
	8,7 W 750	**BH53** 04-15
HALOES (E27)	60 W max (HALOES)	**7588** 04-15
TC-TSE (E27)	23 W (TC-TSE)	
TC-T (GX24d-3)	26 W	**7590** 04-15

Class of insulation I

On request, fixtures supplied with polycarbonate screen.

accessories

		code	colour
	Fixing plate with anchoring bolts	**0455** for 7576-7578-7579 7581-7582-7584 7585-7587-BH54 BH55-BH56-BH57	00

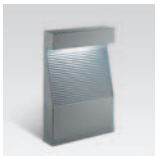
Bliz

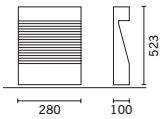
design Yamada

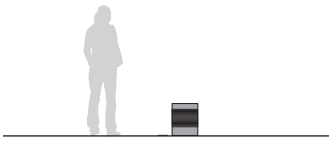
Features

IP44 IK04

- Pathway luminaire for use with fluorescent lamps.
- The fixture is installed into the ground.
- Aluminium structure; sanded glass diffusing screen; anchor plate for insertion into the concrete foundation.
- All screws are A2 stainless steel.





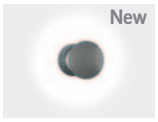


light source	W	code colour
TC-D (G24d-3)	26 W	**7288** 04-15

西班牙
Spain

Wall and ceiling-mounted luminaires

Graphic lighting



655 Trick
Radial
LED

655 Trick
Light sliver
LED

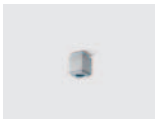
655 Trick
Washer
LED

664 Kriss

668 iPro micro/mini
down light
LED

668 iPro micro
up/down light
LED

Wall and ceiling-mounted luminaires



668 iPro micro
LED

668 iPro mini
LED

670 iPro medium
LED

670 iPro large
LED

676 iRoll 65 micro
LED

676 iRoll 65 mini
LED

679 iRoll 65 small
LED

679 iRoll 65 large
LED

686 Vis

686 Vis

687 Full Square

688 Full

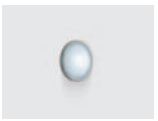
689 Comfort

689 Comfort

690 Art

The codes, technical and lighting design features of these wall- and ceiling-mounted luminaires are presented in the chapter on "Bollards and Systems for residential areas".

632 iPoint



647 iFace

649 Ellipse
LED

622 iTeka
LED

632 iPoint

643 Glim Cube
LED

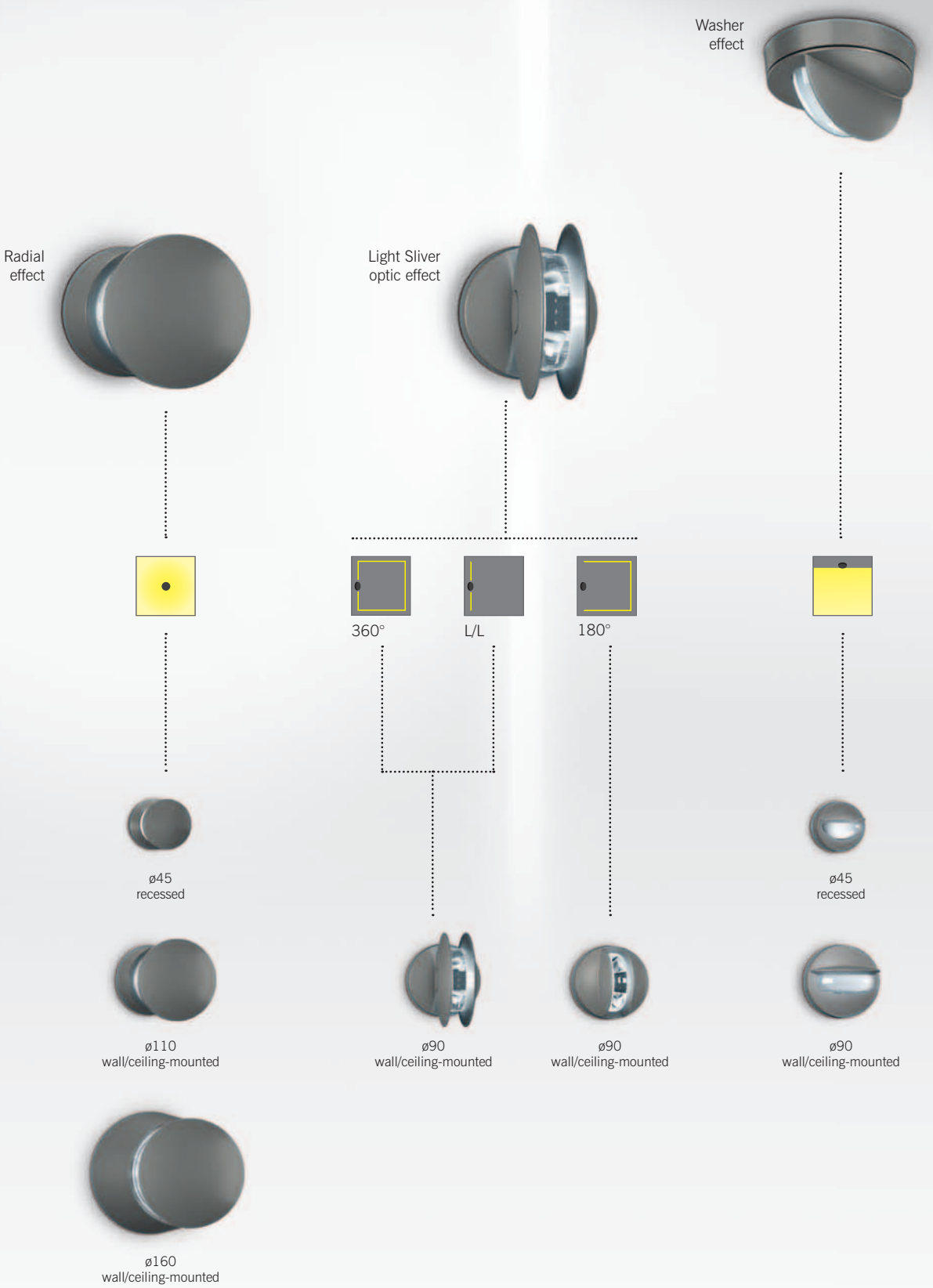
635 Zyl
LED

640 Tee
LED

Shanghai Urban Planning Exhibition Hall - Shanghai, China
Photo: Gabriele Basilico

New Trick

design Dean Skira



Trick

Trick is a dual-purpose luminaire: architectural and artistic.
A little gem which can be used as a decorative element, to customize and define spaces, lead the eye or create impressive scenes.
In combined with lighting control systems (LMS, Master Pro DMX) these luminaires can produce new, inspiring and magical lighting arrangements.

BU16
180° Light Sliver
optic effect

BU10
360° Radial effect
+ accessory

BU27
360° Light Sliver
optic effect

Trick

BU17
360° Radial effect
ceiling application

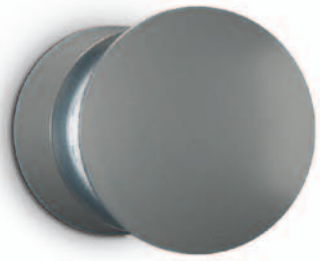
BU17
360° Radial effect
wall application

Trick gives buildings a character of their own. Highlight or conceal architectural features, create infinite graphical combinations, give a 3D look to spaces, throwing tradition out of the window and trying out new solutions.

BU16
180° Light Sliver
optic effect

BU14
Washer effect

Trick radial effect



Features

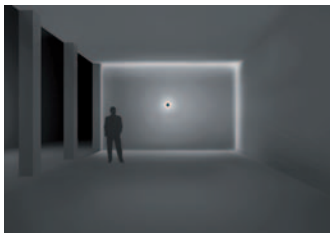
IP66 IK07

- Luminaire for use with LEDs warm white color temperature.
- Recessed (ø 45 mm) and wall-mounted (ø 90 - ø 160 mm) versions.
- Wall-mounted versions have a screen and a base for support. PMMA screen, die-cast aluminium supporting base, stainless steel plate for fixing to wall, supplied with L=400 mm cable (except versions with power supply).
- Versions with and without built-in power supply.
- Recessed versions have a screen and die-cast aluminium body and hot galvanized steel springs, supplied with L=400 mm cable.
- Compatible with lighting management systems.
- Temperature of contact <50°.
- Luminaire reduced dimensions.
- All external screws are in A2 stainless steel.

Compact size

Lighting effects

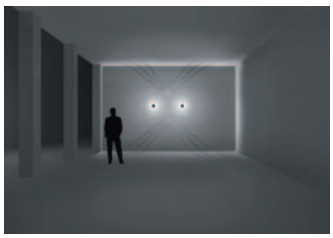
The 360° Radial optic emphasizes spaces with highly concentrated lines of light.

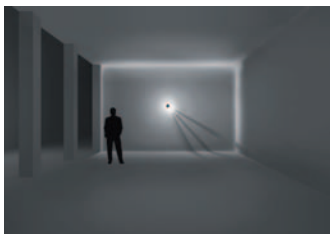


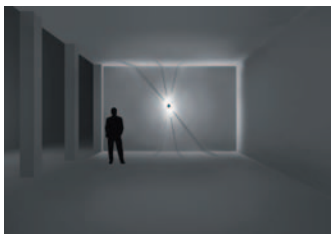
360° effect with wall application

360° effect with ceiling application

Shadow lines
To create and use shadows, there are cylindrical accessories which can be fitted on the surface lit by surface-skimming lighting.

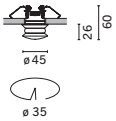






Trick radial effect

360° effect



light source W Lm code colour

LED **Ceiling-recessed**
Warm white
4,2 W 606 **BU07** 01-10-15

Power supply to be ordered separately

light source W Lm code colour

LED **Wall/ceiling-recessed**
Warm white
4,2 W 606 **BU08** 01-10-15

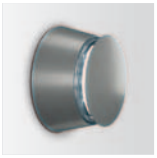
Power supply to be ordered separately

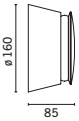
LED **Wall/ceiling-mounted**
Warm white
5,8 W 606 **BU10** 01-10-15

Power supply to be ordered separately

LED **Wall/ceiling-mounted**
Warm white
5,8 W 606 **BU17** 01-15

Complete with power supply
Class of Insulation II





LED **Wall/ceiling-mounted**
Warm white
11,6 W 1212 **BU23** 01-15

Complete with power supply
Class of Insulation II

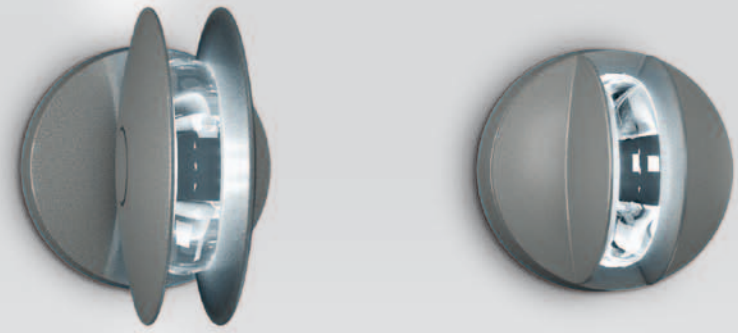
The luminaires without power supply are compatible with the Master Pro DMX lighting management systems shown on page 28.

accessories, installation systems and components

	code	colour
Trick bits	**X021**	13
ø 9 mm - h 25 mm	**X022**	13
ø 13 mm - h 25 mm		
Casing for concrete walls	**BZZ8**	00
for BU07-BU08		
Cylindrical casing for plasterboard or similar walls	**X000**	00
for BU08		
Electronic power supply 6W - IP20	**X019**	00
VIN=100÷240Vac / 50÷60Hz VOUT=24Vdc 250mA dim. 42x40x22h	for BU07-BU08	
Electronic power supply 7-19W - IP20	**X020**	00
VIN=220÷240Vac / 50÷60Hz VOUT=27÷54Vdc 250/300/350mA dim. 67x103x29,5h	for BU07-BU08	

	code	colour
Electronic power supply 7W - IP20	**9905**	00
VIN=100÷240Vac / 50÷60Hz VOUT=24Vdc 350mA dim. 42x40x22h	for BU10	
Electronic power supply 17W - IP20	**9907**	00
Vin=110÷240Vac / 50÷60Hz Vout=48Vdc 350mA dim. 38x122x28h	for BU10	
Box for power supply IP67	**9582**	00
dim. 140x230x95h		
Box for power supply IP67	**BZ33**	00
dim. 280x190x130h		

Trick Light Sliver optic effect



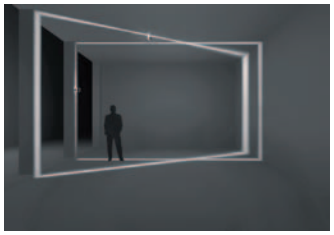
Features

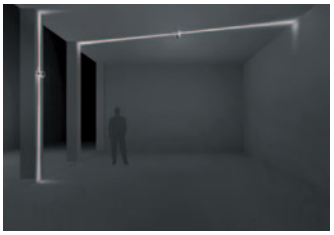
IP66 IK07

- Luminaire for use with LEDs warm white color temperature.
- Wall-mounted version (ø 90 mm).
- Consists of screen and supporting base. PMMA screen, die-cast aluminium supporting base, stainless steel plate for fixing to wall, supplied with L=400 mm cable (except versions with power supply).
- Versions with and without built-in power supply.
- Available in 360° Sliver, 180° Sliver and Sliver-Sliver optics.
- Compatible with lighting management systems.
- Temperature of contact <50°.
- Luminaire reduced dimensions.
- All external screws are in A2 stainless steel.

Lighting effects

Sliver 360° and Sliver-Sliver optics (versions BU27 and BU28) and 180° Sliver (versions BU16 and BU22) provide new ways of leading the eye through spaces.

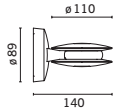

360° effect


L/L effect

180° effect

Trick Light Sliver optic effect

360° Sliver effect

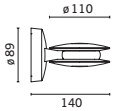


light source	W	Lm	code	colour
LED	Wall/ceiling-mounted			
	Warm white			
	5,8 W	606	**BU27**	01-15

Power supply to be ordered separately

Compatible with the Master Pro DMX lighting management systems shown on page 28.

Light Sliver optic effect



light source	W	Lm	code	colour
LED	Wall/ceiling-mounted			
	Warm white			
	5,8 W	606	**BU28**	01-15

Power supply to be ordered separately

180° Sliver effect

light source	W	Lm	code	colour
LED	Wall/ceiling-mounted			
	Warm white			
	2,9 W	303	**BU16**	01-15

Power supply to be ordered separately

The luminaires without power supply are compatible with the Master Pro DMX lighting management systems shown on page 28.

light source	W	Lm	code	colour
LED	Wall/ceiling-mounted			
	Warm white			
	2,9 W	303	**BU22**	01-15

Complete with power supply
Class of Insulation II

components

	code	colour
Electronic power supply 7 W - IP20 VIN=100÷240Vac / 50÷60Hz VOUT=24Vdc 350mA dim. 42x40x22h	**9905**	00 for BU16-BU27-BU28
Electronic power supply 17 W - IP20 Vin=110÷240Vac / 50÷60Hz Vout=48Vdc 350mA dim. 38x122x28h	**9907**	00 for BU16-BU27-BU28

	code	colour
Box for electronic power supply IP67 dim. 140x230x95h	**9582**	00
Box for electronic power supply IP67 dim. 280x190x130h	**BZ33**	00

Trick Washer effect

Features

IP66 IK07

- Luminaire for use with LEDs warm white color temperature.
- Recessed (ø 45 mm) and wall-mounted (ø 90 - ø 160 mm) versions.
- Wall-mounted versions have a screen and a base for support. PMMA screen, die-cast aluminium supporting base, stainless steel plate for fixing to wall, supplied with L=400 mm cable (except versions with power supply).
- Versions with and without built-in power supply.
- Recessed versions have a screen and die-cast aluminium body and stainless steel springs. Wall-washer optic.
- Compatible with lighting management systems.
- Temperature of contact <50°.
- Luminaire reduced dimensions.
- All external screws are in A2 stainless steel.

LMS

t°

Compact size

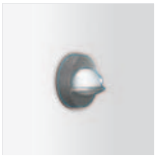
Lighting effect

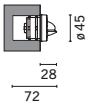
The Washer optic gives a wall washer effect using a miniaturized luminaire camouflaged in the area where it is installed.

Trick Washer effect

Washer effect

light source	W	Lm	code	colour





LED — Wall/ceiling-recessed
Warm white
2,1 W 303 **BU09** 01-15

Power supply to be ordered separately

LED — Wall/ceiling-mounted
Warm white
2,9 W 303 **BU14** 01-15

Power supply to be ordered separately

The luminaires without power supply are compatible with the Master Pro DMX lighting management systems shown on page 28.

LED — Wall/ceiling-mounted
Warm white
2,9 W 303 **BU21** 01-15

Complete with power supply
Class of Insulation II

accessories, installation systems and components

	code	colour
Casing for concrete walls	**BZZ8**	00
	for BU09	
Cylindrical casing for plasterboard or similar walls	**X000**	00
	for BU09	
Electronic power supply 6 W - IP20 VIN=100÷240Vac / 50÷60Hz VOUT=24Vdc 250mA dim. 42x40x22h	**X019**	00
	for BU09	
Electronic power supply 7-19 W - IP20 VIN=220÷240Vac / 50÷60Hz VOUT=27÷54Vdc 250/300/350mA dim. 67x103x29,5h	**X020**	00
	for BU09	

	code	colour
Electronic power supply 7 W - IP20 VIN=100÷240Vac / 50÷60Hz VOUT=24Vdc 350mA dim. 42x40x22h	**9905**	00
	for BU14	
Electronic power supply 17 W - IP20 Vin=110÷240Vac / 50÷60Hz Vout=48Vdc 350mA dim. 38x122x28h	**9907**	00
	for BU14	
Box for power supply IP67 dim. 140x230x95h	**9582**	00
Box for power supply IP67 dim. 280x190x130h	**BZ33**	00

Kriss

design Yamada

Features

IP44 IK05

- Luminaire for lighting effects for use with metal halide and halogen lamps.
- Wall-mounted installation.
- Extruded aluminium optical assembly; sodium-calcium tempered sealing glass, 5 mm thick; tempered sodium-calcium glass lens, 12,5 mm thick; steel retention cable; black rubber silicone gasket; curved reflector made of black anodized aluminium; black PG9 cable clamp.
- Aluminium posterior control gear cover, with a texturised paint surface finish; power supply with a nonexplosive power factor correction capacitor, ballast and starter.
- All screws are A2 stainless steel.

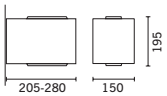
Lighting effect

Kriss has various light distributions: light wedge, spot effect and flood effect with the possibility of adjusting the beam of light.

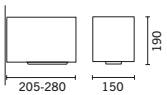
Kriss

04
BLACK

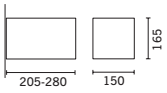
15
GREY



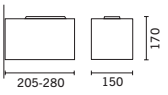
light source	W	length	code colour
QT-DE 12 ES (75 mm) (R7s)	150 W max	205	**5635** 04-15
HIT (BLV) (G12)	70 W	280	**5689** 04-15



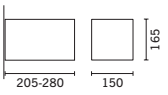
light source	W	length	code colour
QT-DE 12 ES (75 mm) (R7s)	150 W max	205	**5636** 04-15
HIT (BLV) (G12)	70 W	280	**5690** 04-15



light source	W	length	code colour
QT-DE 12 ES (75 mm) (R7s)	150 W max	205	**5634** 04-15
HIT (BLV) (G12)	70 W	280	**5688** 04-15



light source	W	length	code colour
QT-DE 12 ES (75 mm) (R7s)	150 W max	205	**5632** 04-15
HIT (BLV) (G12)	70 W	280	**5686** 04-15



light source	W	length	code colour
QT-DE 12 ES (75 mm) (R7s)	150 W max	205	**5633** 04-15
HIT (BLV) (G12)	70 W	280	**5687** 04-15

iPro wall/ceiling-mounted

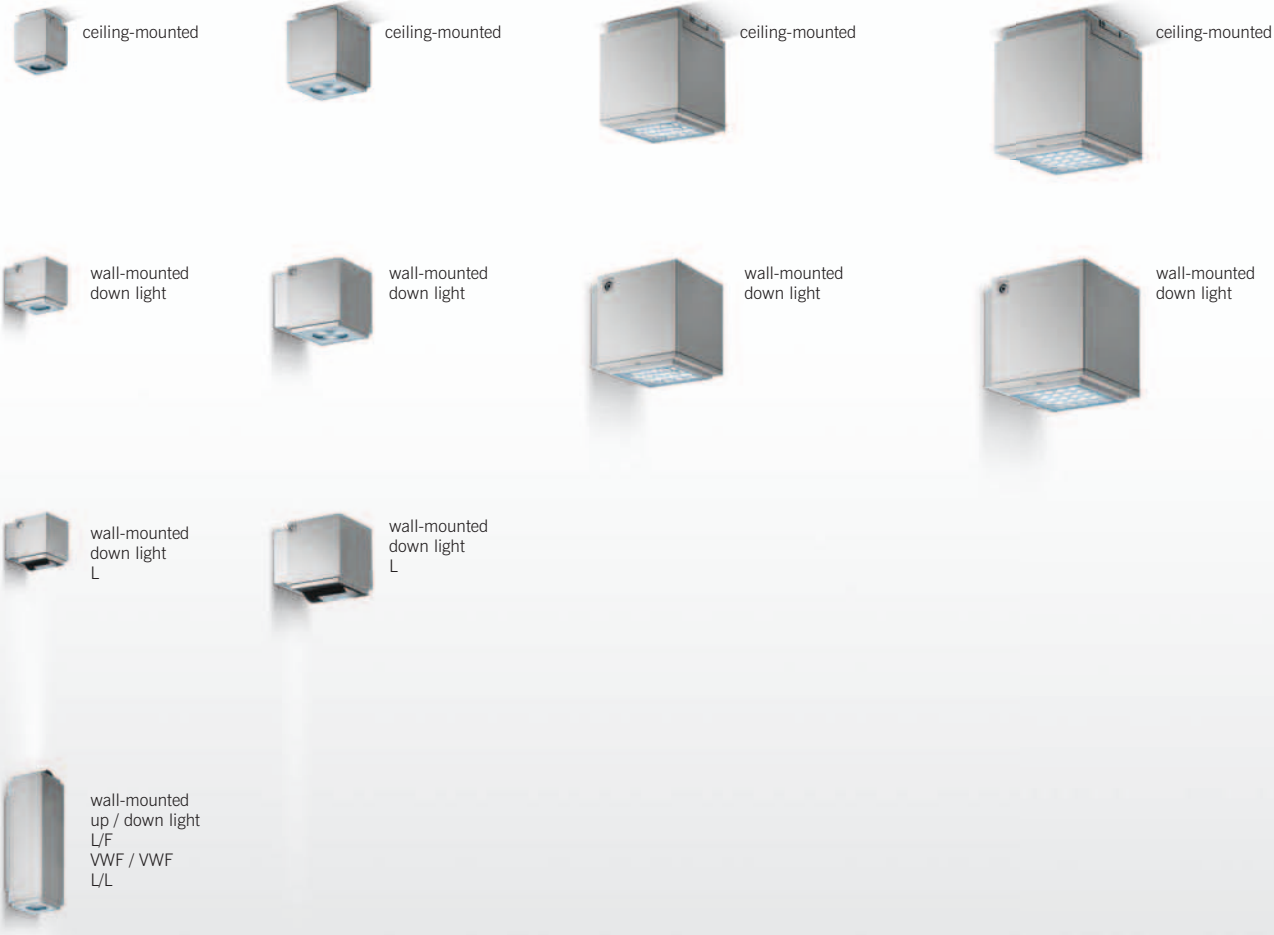
design Mario Cucinella

micro ⌀ 51

mini ⌀ 81

medium ⌀ 155

large ⌀ 192



Fondation Maeght - Saint-Paul de Vence, France

Architectural project: Silvio D'Ascia - Photo: Didier Boy De La Tour

iPro micro / mini

design Mario Cucinella

Features

IP66 IK07

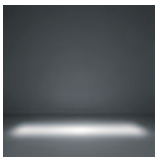
- Luminaire for use with LEDs.
- Wall and ceiling-mounted installation.
- Optical assembly, upper cap for ceiling-mounted installation and lateral base for wall-mounted installation made of die-cast aluminium; transparent tempered sodium-calcium sealing glass, 4 mm thick, siliconed to optical assembly.
- All products are provided with lenses or high reflection flux enhancers in thermoplastic material.
- Mini body versions provided with electronic power sypply (Vin 100÷240Vsc 50/60Hz); micro body with electronic power sypply to be ordered separately (500/700mA, versions CLIII) except for wall-mounted up/down light.
- Luminaire ready for pass-through wiring.
- All external screws are in A2 stainless steel.

Compact size

Micro optics and lamps

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°



L - Light Sliver

LED

1,5 - 3 - 4,5W

4,7W

WF - Wide-Flood /
WF - Wide-Flood

L - Light Sliver /
L - Light Sliver

L - Light Sliver /
WF - Wide-Flood

Versions

Micro and mini body wall-/ceiling-mounted luminaires are available in a floodlight version.
The codes, technical and lighting design features are on page 542.

iPro micro / mini

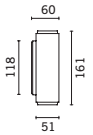
01 WHITE 15 GREY

light source	W	lm	optic	code colour
LED	**Ceiling-mounted**			
	Neutral white			
	4,7 W	390	26°	**BK06** 01-15
	Warm white			
	4,7 W	360	26°	**BK07** 01-15

Power supply to be ordered separately to 500mA

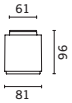
light source	W	lm	optic	code colour
LED	**Wall-mounted - Up light or Down light**			
	Neutral white			
	4,5 W	420	L	**BK02** 01-15
	2,2 W	190	84°	***BK04** 01-15
	Warm white			
	4,5 W	390	L	**BK03** 01-15
	2,2 W	180	84°	***BK05** 01-15

Power supply to be ordered separately to 500mA
* Power supply codes max 700mA (for the a 500mA data refer to the on-line catalogue)



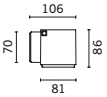
light source	W	lm	optic	code colour
LED	**Wall-mounted - Up/down light**			
	Neutral white			
	3 W	290 up	L	**BK08** 01-15
	3 W	290 down	L	
	1,5 W	140 up	84°	**BK10** 01-15
	1,5 W	140 down	84°	
	3 W	290 up	L	**BK12** 01-15
	1,5 W	140 down	84°	
	Warm white			
	3 W	270 up	L	**BK09** 01-15
	3 W	270 down	L	
	1,5 W	130 up	84°	**BK11** 01-15
	1,5 W	130 down	84°	
	3 W	270 up	L	**BK13** 01-15
	1,5 W	130 down	84°	

Complete with power supply and exit cable
Class of Insulation II



light source	W	lm	optic	code colour
LED	**Ceiling-mounted**			
	Neutral white			
	4,7 W	400	34°	**BK33** 01-15
	Warm white			
	4,7 W	380	34°	**BK34** 01-15

Complete with power supply
Class of Insulation II



light source	W	lm	optic	code colour
LED	**Wall-mounted - Up light or Down light**			
	Neutral white			
	4,5 W	430	L	**BK29** 01-15
	4,7 W	400	34°	**BK31** 01-15
	4,7 W	400	90°	**BU38** 01-15
	Warm white			
	4,5 W	410	L	**BK30** 01-15
	4,7 W	380	34°	**BK32** 01-15
	4,7 W	380	90°	**BU39** 01-15

Complete with power supply
Class of Insulation II

components

	code	colour	code	colour
		51	81	
Electronic power supply 6 W - IP20 VIN=100-240Vac / 50-60 Hz VOUT=12Vdc 500mA dim. 40x42x22h	**BZ98**	00	---	---
Electronic power supply 12 W - IP20 VIN=220-240Vac / 50-60 Hz VOUT= 24Vdc 500mA dim. 38x119x28h	**BZ99**	00	---	---
Electronic power supply 20 W - IP20 VIN=110-240Vac / 50-60 Hz VOUT=42Vdc 500mA dim. 38x119x28h	**BZA0**	00	---	---
Electronic power supply 17 W - IP20 Vin=220-240Vac / 50-60 Hz Vout=2-25Vdc 700mA dim. 37x128x28h	**MXF9**	00 for BK04-BK05	---	---

components

	code	colour	code	colour
		51	81	
Box for electronic power supply IP67 dim. 140x230x95h	**9582**	00 for BZ98-BZ99 BZA0-MXF9	---	---
Connector block with fast-coupling terminals IP66 Suitable for cables 2x4 mm²	**BZK7**	15	---	---
Watertight connector kit IP68	**9581**	04	**9581**	04
Connector IP68 Suitable for cables 2x2,5 mm²	**BZK6**	00	---	---

iPro medium / large

design Mario Cucinella

Features

IP66 IK07

- Luminaire for use with metal halide, sodium vapour, halogen lamps and LEDs.
- Ceiling-mounted installation.
- Composed of optical assembly and component-holder with base for ceiling-mounted installation.
- Made of die-cast aluminium coated with acrylic liquid paint with high resistance to weather agents and UV radiation; hard sodium-calcium safety glass, 5 mm thickness; frame joined to optical assembly by means of two AISI 304 stainless steel M5 captive screws and steel safety cable.
- Internal silicone watertight gaskets.
- Luminaire ready for pass-through wiring.
- Class II luminaire, set up for class I.
- All external screws are in A2 stainless steel.

Optics and lamps

SS - Superspot
α < 8°

S - Spot
α from 9° to 15

M - Medium
α from 16° to 25°

F - Flood
α from 26° to 39°

WF - Wide Flood
α from 40° to 60°

VWF - Very Wide Flood

LED	17 - 27W
TC-TEL	18 - 26W
HIT-TC-CE	20 - 35W
HIT-CE	70 - 150W

- **LED Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

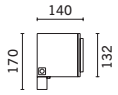
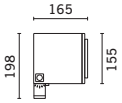
lumen lm	LED	QR 111	ENERGY SAVING	HIT-CE	ENERGY SAVING
1480	17W	75W	77%	-	-
2820	27W	2x75W	82%	35W	22%

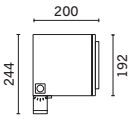
(3000K) LED energy saving compared with conventional lamps

iPro medium / large

Versions

iPro floodlights with small, medium and large body can be wall-mounted using the special base.
The codes, technical and lighting design features are on page 544.

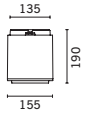
Floodlight		Lamp	Optic	Code
small		10 W 790 lm LED neutral	6°	BD34
		10 W 680 lm LED warm	6°	BD35
		10 W 790 lm LED neutral	32°	BD36
		10 W 680 lm LED warm	32°	BD37
		50 W QR CBC 51 GU5,3	-	BD38
		20 W HIT-CE PGJ5	6°	BD32
		20 W HIT-CE PGJ5	38°	BD33
medium		18 W 1400 lm LED neutral	6°	BD46
		18 W 1210 lm LED warm	6°	BD47
		18 W 1400 lm LED neutral	32°	BD48
		18 W 1210 lm LED warm	32°	BD49
		35 W HIT-TC-CE G8,5	10°	BD44
		35 W HIT-TC-CE G8,5	20°	BD45
		35 W HIT-TC-CE G8,5	6°	BD40
		35 W HIT-TC-CE G8,5	10°	BD41
		35 W HIT-TC-CE G8,5	20°	BD42
		35 W HIT-TC-CE G8,5	AL	BD43

Floodlight		Lamp	Optic	Code
large		27 W 2430 lm LED neutral	8°	BG35
		27 W 2280 lm LED warm	8°	BG36
		27 W 2430 lm LED neutral	34°	BG37
		27 W 2280 lm LED warm	34°	BG38
		23 W 1280 lm LED RGB	8°	Z001
		23 W 1280 lm LED RGB	30°	Z002
		25 W 2320 lm LED WNC	8°	Z003
		25 W 2320 lm LED WNC	30°	Z004
		70 W HIT-CE G12	10°	BD57
		70 W HIT-CE G12	38°	BD58
		150 W HIT-CE G12	8°	BD59
		150 W HIT-CE G12	36°	BD61
		70 W HIT-CE G12	6°	BD52
		70 W HIT-CE G12	10°	BD53
		70 W HIT-CE G12	38°	BD54
		70 W HIT-CE G12	AL	BD56
		70 W HIT-DE-CE Rx7s	AT	BD55
		150 W HIT-DE-CE G12/HST-DE Rx7s	AT	BD62

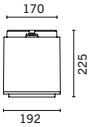
iPro medium / large

01
WHITE

15
GREY



light source	W	lm	optic	code colour
LED	Neutral white			
	17 W	1580	34°	**BI31** 01-15
	17 W	1580	100°	**BI33** 01-15
	Warm white			
	17 W	1480	34°	**BI32** 01-15
	17 W	1480	100°	**BI34** 01-15
	Complete with power supply			
TC-TEL (GX24q-2)	18 W		100°	**BI35** 01-15
	Class of Insulation I			
HIT-TC-CE (G8,5)	20 W		59°	**BI36** 01-15
	35 W		59°	**BI37** 01-15
	Class of Insulation I			



light source	W	lm	optic	code colour
LED	Neutral white			
	27 W	2430	8°	**BI38** 01-15
	27 W	2430	34°	**BI40** 01-15
	27 W	2430	100°	**BL23** 01-15
	Warm white			
	27 W	2280	8°	**BI39** 01-15
	27 W	2280	34°	**BL22** 01-15
	27 W	2280	100°	**BL24** 01-15
	Complete with power supply			
TC-TEL (GX24q-3)	Electronic			
	26 W		62°	**BL25** 01-15
	Class of Insulation I			
HIT-CE (G12)	Electronic			
	70 W		64°	**BL26** 01-15
	Electromagnetic			
	150 W		64°	**BL27** 01-15
	Class of Insulation I			

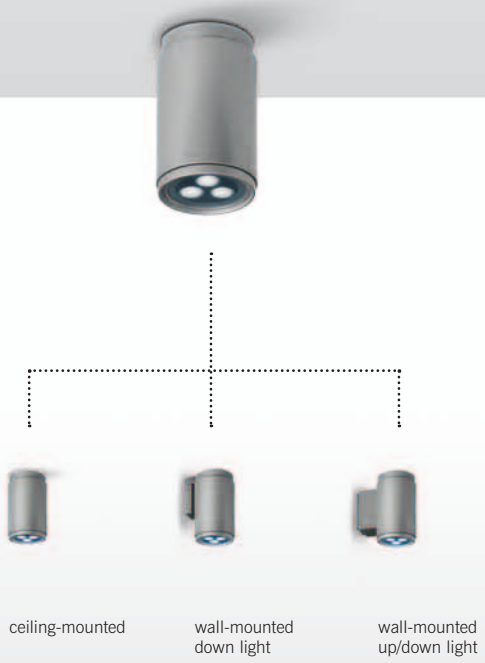
accessories

	155 code	155 colour	192 code	192 colour
Accessory-frame For use installing accessories	**BZ63**	01-15	**BZ77**	01-15
Refractor for elliptical distribution Installed with accessory-frame	**BZ67**	24	**BZ80**	24
Glass diffuser Installed with accessory-frame	**BZ65**	65 no for LED	**BZ79**	65
Prismatic glass diffuser Installed with accessory-frame	**BZ66**	24 for LED versions	**1154**	24 for LED versions
Coloured filters Installed with accessory-frame	**BZ64**	05-06 09	**BZ78**	05-06 09

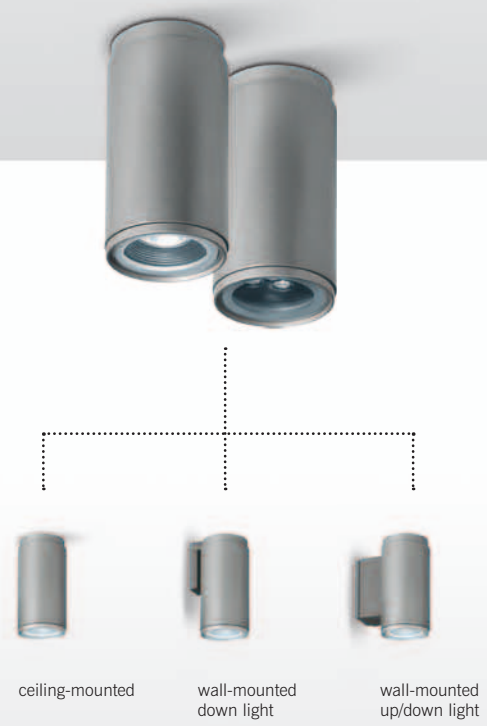
Le Albere - Trento, Italy
Architectural and lighting project: RPBW - Photo: Enrico Cano

iRoll 65

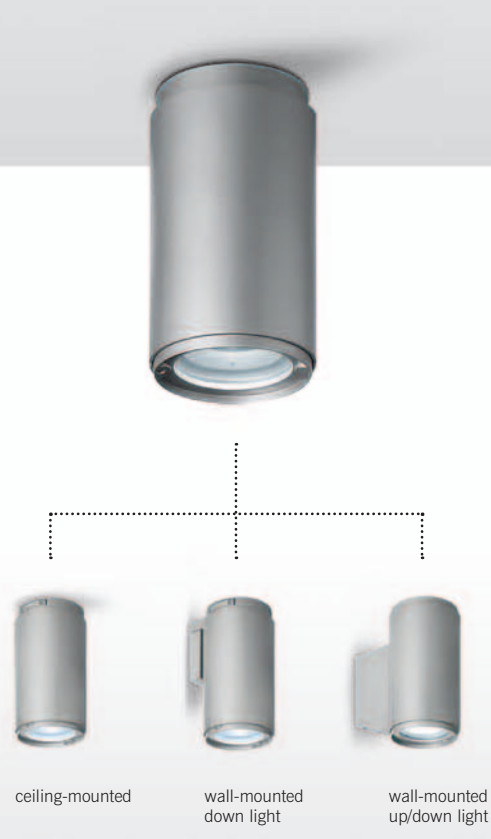
micro ø 78



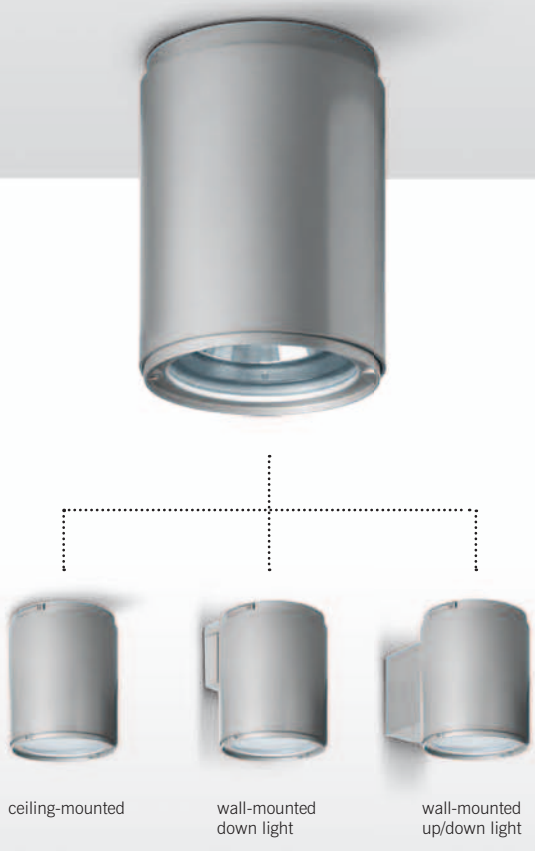
mini ø 109



small ø 165



large ø 218



Double Tree by Hilton Acaya Golf Resort - Lecce, Italy
Photo: Giuseppe Saluzzi

iRoll 65 micro / mini

Features

IP65 IK07 micro version mini version

- Luminaire for use with halogen lamps and LEDs.
- Ceiling and wall-mounted installation with down light and up/down light emission.
- High visual comfort.
- Optical assembly, ceiling or wall base, arm (wall-mounted version) and frame made of die-cast aluminium; plastic arm guard; 4 mm thick tempered sodium-calcium closing glass secured to the frame with silicone.
- Internal silicone watertight gaskets.
- Double adjustability of the optics.
- Black polycarbonate multigroove ring for visual comfort.
- Luminaire ready for pass-through wiring.
- External stainless steel screws.
- Class of Insulation II, set up for class I (on request).
- Class of Insulation I (versions with QR CBC 51, 240V, ceiling and wall-mounted down-light)

micro

mini

Optical accessories

Refractor for elliptical distribution

Diffusing prismatic glass

Coloured filters

iRoll 65 micro / mini

- LED **Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

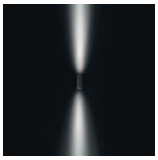
lumen lm	LED	QR CBC 51	ENERGY SAVING
270	4,5W	20W	78%
480	7,6W	35W	78%
1110	13W	50W	74%

(3000K) LED energy saving compared with conventional lamps

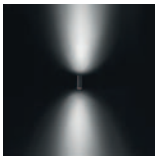
Micro optics and lamps

SS - Superspot
α < 8°

F - Flood
α from 26° to 39°



SS - Superspot
SS - Superspot



F - Flood
F - Flood

E - Elliptical*

LED	4,5 - 7,6W

* The Elliptical optic is obtained by fitting the appropriate accessory.

Mini optics and lamps

SS - Superspot
Adjustable

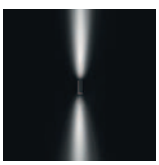
S - Spot
Adjustable

M - Medium
Adjustable

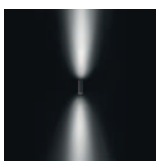
F - Flood
Adjustable

VWF - Very Wide Flood *Adjustable*

E - Elliptical*
Adjustable



SS - Superspot *Adjust.*
SS - Superspot *Adjust.*



S - Spot *Adjustable*
S - Spot *Adjustable*

	LED	4,9 - 13W
	QR-CBC 51	35W

* The Elliptical optic is obtained by fitting the appropriate accessory.

iRoll 65 micro / mini

15
GREY

light source W lm optic code colour

LED **Ceiling-mounted**

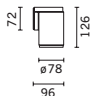
Neutral white

4,5W 310 6° **BA79** 15
4,5W 310 30° **BA82** 15

Warm white

4,5W 270 6° **BA80** 15
4,5W 270 30° **BA83** 15

Complete with power supply
Class of Insulation I
Max 1 flat accessory may be installed



LED **Wall-mounted - Down light**

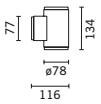
Neutral white

4,5W 310 6° **BA85** 15
4,5W 310 30° **BA88** 15

Warm white

4,5W 270 6° **BA86** 15
4,5W 270 30° **BA89** 15

Complete with power supply
Class of Insulation I
Max 1 flat accessory may be installed



LED **Wall-mounted - Up/down light**

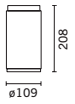
Neutral white

7,6W 550 up 8° **BA91** 15
down 8°
7,6W 550 up 31° **BA94** 15
down 31°

Warm white

7,6W 480 up 8° **BA92** 15
down 8°
7,6W 480 up 31° **BA95** 15
down 31°

Complete with power supply
Class of Insulation I
Max 1 flat accessory may be installed



LED **Ceiling-mounted**

Neutral white - adjustable optic

4,9W 380 7° **BC05** 15
4,9W 380 14° **BC08** 15

Neutral white - fixed optic

13W 1140 38° **BI15** 15

Warm white - adjustable optic

4,9W 330 7° **BC06** 15
4,9W 330 14° **BC09** 15

Warm white - fixed optic

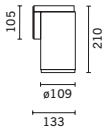
13W 1110 38° **BI16** 15

Complete with power supply

QRCBC51 (GU5,3) Electronic - adjustable optic

35W 12V **BC04** 15

Class of Insulation II
Max 1 flat accessory may be installed



light source W lm optic code colour

LED **Wall-mounted - Down light**

Neutral white - adjustable optic

4,9W 380 7° **BC12** 15
4,9W 380 14° **BC15** 15

Neutral white - fixed optic

13W 1140 16° **BI21** 15
13W 1140 38° **BI23** 15

Warm white - adjustable optic

4,9W 330 7° **BC13** 15
4,9W 330 14° **BC16** 15

Warm white - fixed optic

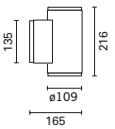
13W 1110 16° **BI22** 15
13W 1110 38° **BI24** 15

Complete with power supply

QRCBC51 (GU5,3) Electronic - adjustable optic

35W 12V **BC11** 15

Class of Insulation II
Max 1 flat accessory may be installed



LED **Wall-mounted - Up/down light**

Neutral white - adjustable optic

9,8W 750 up 7° **BC19** 15
down 7°
9,8W 750 up 14° **BC22** 15
down 14°

Warm white - adjustable optic

9,8W 650 up 7° **BC20** 15
down 7°
9,8W 650 up 14° **BC23** 15
down 14°

Complete with power supply

QRCBC51 (GU5,3) Electronic - adjustable optic

2x35W 12V **BC18** 15

Class of Insulation II
Max 1 flat accessory may be installed

accessories

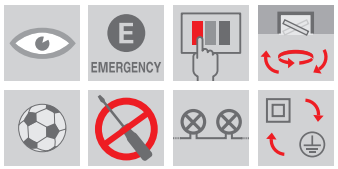
	code	colour	code	colour
Refractor for elliptical distribution Installed with accessory-frame	**BZ17**	24	**BZ20**	24
Prismatic glass diffuser	**BZ19**	24	**BZ22** for BC08-BC09-BC15 BC16-BC22-BC23	24
Glass diffuser	---	---	**BZ21** for BC04-BC11-BC18	65
Coloured filters	**BZ18**	05-06 09	**BZ21** for LED versions	05-06-09 09

iRoll 65 small / large

Features

IP65 IK07

- Luminaire for use with discharge, fluorescent, halogen lamps and LEDs.
- Ceiling and wall-mounted installation with down light and up/down light emission.
- High visual comfort.
- Optical assembly, base for ceilings or walls, arm (wall-mounted version) and frame made of die-cast aluminium alloy; sodium calcium transparent tempered glass, 4 mm thick, is connected with silicone to the frame; silicone water tight interior gaskets; fastening steel cables between the lower frame and the optical assembly and between the optical assembly and the upper base; 99,96% ultrapure aluminium reflectors.
- Available with electromagnetic and electronic control gear and emergency with inverter.
- Double adjustability of the optics.
- Luminaire ready for pass-through wiring.
- All external screws are in A2 stainless steel.
- Class of Insulation I for “Light” versions.



- **LED Single Chip**
- Colour stability **Mac Adam <3**
- Life 50000 h **L70**
- Color temperature: Neutral white **4000K** Warm white **3000K**

lumen lm	LED	QR CBC 51	ENERGY SAVING	HIT-CE	ENERGY SAVING
2100	24W	2x50W	76%	-	-
3210	35W	3x50W	77%	35W	-

(3000K) LED energy saving compared with conventional lamps

iRoll 65 small / large

The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects.
The combination of filters allows the lamp colour features to be changed, to make the most of the objects lit or the space.

The exploded diagram is of the large body

Optical assembly in aluminium alloy

Refractor for elliptical distribution

Diffusing glass

Sky blue filter 09

Yellow filter 06

Red filter 05

Spill ring for adjustable S optic

Spill ring for fixed S optic

Spill ring for adjustable F optic

Spill ring for WF and VWF optic

Spill ring for AL optic

iRoll 65 small / large

Optics and lamps down light

PROFESSIONAL

S - Spot
Adjustable

F - Flood
Adjustable

VWF - Very Wide Flood

AL - Asymmetrical Longitudinal**

E - Elliptical*

LED	24 - 35W
HIT-CE	35W
HIT-CE	70 - 150W
TC-TEL	18 - 26 - 32W
	42 - 35W

Optics and lamps down light

LIGHT

S - Spot
α from 9° to 15°

F - Flood
α from 26° to 45°

WF - Wide Flood
α from 40° to 60°

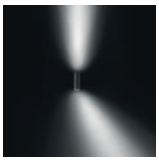
VWF - Very Wide Flood

E - Elliptical*

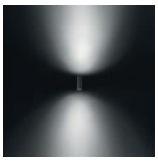
HIT-CE	35 - 70 - 150W
TC-TSE	23W

Optics and lamps up/down light

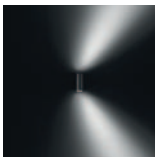
PROFESSIONAL



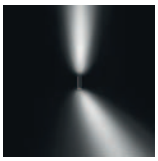
ES - Spot Effect
AL - Asym.Longit.



WF - Wide Flood *Adj.*
WF - Wide Flood *Adj.*



AL - Asym.Longit.
AL - Asym.Longit.

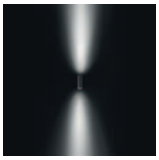


S - Spot *Adjustable*
AL - Asym.Longit.

HIT-CE	35 - 70W
HIT-CE	70 - 150W
HIT-CE	20W

Optics and lamps up/down light

LIGHT

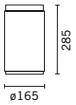


S - Spot
S - Spot

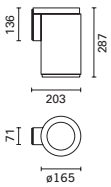
HIT-CE	20W
HIT-TC-CE	70W

iRoll 65 small / large

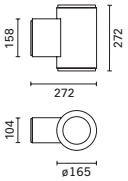
15
GREY



light source	W	lm	optic	code colour
	Ceiling-mounted			
LED	**Professional version**			
	Neutral white - fixed optic			
	24 W	2150	36°	**BI17** 15
	Warm white - fixed optic			
	24 W	2100	36°	**BI18** 15
	Complete with power supply			
HIT-TC-CE (G8,5)	Electronic - adjustable optic			
	35 W		12°	**BA08** 15
	35 W		50°	**BA12** 15
	Electromagnetic control gear version available on request			
TC-TEL (GX24q-2)	Electronic - fixed optic			
	18 W		106°	**BA16** 15
	Light version			
HIT-CE (G12)	Electromagnetic - fixed optic			
	35 W		14°	**BA09** 15
	35 W		56°	**BA13** 15
	Electronic control gear version available on request			
TC-TSE (E27)	Fixed optic			
	23 W		88°	**BA17** 15
	Light version in class of Insulation I. Available on demand version 50 W QR CBC 51 (code BA18).			



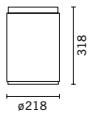
light source	W	lm	optic	code colour
	Wall-mounted			
LED	**Professional version - Down light**			
	Neutral white - fixed optic			
	24 W	2150	13°	**BI25** 15
	24 W	2150	36°	**BI27** 15
	Warm white - fixed optic			
	24 W	2100	13°	**BI26** 15
	24 W	2100	36°	**BI28** 15
	Complete with power supply			
HIT-TC-CE (G8,5)	Electronic - adjustable optic			
	35 W		12°	**BA22** 15
	35 W		AL	**BA26** 15
	Electronic control gear version available on request			
TC-TEL (GX24q-2)	Electronic - fixed optic			
	18 W		106°	**BA28** 15
	Light version - Down light			
HIT-CE (G12)	Electromagnetic - fixed optic			
	35 W		14°	**BA23** 15
	Electronic control gear version available on request			
TC-TSE (E27)	Fixed optic			
	23 W		88°	**BA29** 15
	Light version in class of Insulation I. Available on request version 50 W QR CBC 51 (code BA30).			



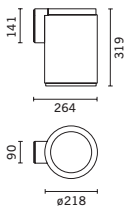
light source	W	optic	code colour
	Wall-mounted		
	Professional version - Up/down light		
HIT-TC-CE (G8,5)	Electronic - fixed optic		
	35 W	up ES	**BA31** 15
		down AL	
	35 W	up 51°	**BA32** 15
		down 51°	
	70 W	up ES	**BA33** 15
		down AL	
	70 W	up 51°	**BA34** 15
		down 51°	
HIT-CE (PGJ5)	Electronic - adjustable optic		
	2x20 W	up 48°	**BA35** 15
		down 48°	
	Electronic - fixed optic		
	2x20 W	up AL	**BA36** 15
		down AL	
	Electronic		
	2x20 W	up 12°	***BA37** 15
		down AL	
	* Adjustable up emission (S) Fixed down emission (AL)		
	Light version - Up/down light		
HIT-CE (PGJ5)	Electronic - fixed optic		
	2x20 W	up 8°	**BA38** 15
		down 8°	
	Light version in class of Insulation I. Available on request version 2x35 W QR CBC 51 (code BA39)		

iRoll 65 small / large

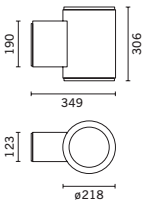
15
GREY



light source	W	optic	code colour
	Ceiling-mounted		
LED	**Professional version**		
	Neutral white - fixed optic		
	35 W 3270	50°	**BI19** 15
	Warm white - fixed optic		
	35 W 3210	50°	**BI20** 15
	Complete with power supply		
HIT-CE (G12)	Electronic - adjustable optic		
	70 W	10°	***B755** 15
	70 W	38°	***B758** 15
	Electromagnetic - adjustable optic		
	150 W	12°	**B761** 15
	150 W	40°	**B763** 15
	* Electromagnetic control gear version available on request		
TC-TEL (GX24q-3/4)	Electronic - fixed optic		
	26/32/42 W	88°	**B767** 15
	Electronic and maintained emergency light fixed optic		
	26/32 W	88°	**B768** 15
	Light version		
HIT-CE (G12)	Electromagnetic - fixed optic		
	70 W	10°	***B756** 15
	70 W	62°	***B759** 15
	70 W	94°	***B760** 15
	150 W	12°	**B762** 15
	150 W	63°	**B764** 15
	150 W	91°	**B765** 15
	Light version in class of Insulation I. * Electronic control gear version available on request.		



light source	W	optic	code colour
	Wall-mounted		
LED	**Professional version - Down light**		
	Neutral white - fixed optic		
	35 W 3270	15°	**BI29** 15
	35 W 3270	50°	**BL28** 15
	Warm white - fixed optic		
	35 W 3210	15°	**BI30** 15
	35 W 3210	50°	**BL29** 15
	Complete with power supply		
HIT-CE (G12)	Electronic - adjustable optic		
	70 W	10°	**B770** 15
	Electronic - fixed optic		
	70 W	AL	**B773** 15
	Electromagnetic control gea version available on request		
TC-TEL (GX24q-3/4)	Electronic - fixed optic		
	26/32/42 W	88°	**B776** 15
	Electronic and maintained emergency light - fixed optic		
	26/32 W	88°	**B777** 15
	Light version - Down light		
HIT-CE (G12)	Electromagnetic - fixed optic		
	70 W	10°	**B771** 15
	Light version in class of Insulation I. Electronic control gear version available on request.		



light source	W	optic	code colour
	Wall-mounted		
	Professional version - Up/down light		
HIT-TC-CE (G8,5)	Electronic - adjustable optic		
	2x70 W	up 38°	**B784** 15
		down 38°	
	Electronic		
	2x70 W	up 10°	***B786** 15
		down AL	
	Electronic - fixed optic		
	2x70 W	up AL	**B785** 15
		down AL	
	* Adjustable up emission (S) Fixed down emission (AL)		
HIT-CE (G12)	Electronic - fixed optic		
	70 W	up ES	***B779** 15
		down AL	
	70 W	up 46°	***B781** 15
		down 46°	
	Electromagnetic - fixed optic		
	150 W	up 46°	**B783** 15
		down 46°	
	* Electromagnetic control gear version available on request		
	Light version - Up/down light		
HIT-TC-CE (G8,5)	Electronic - fixed optic		
	2x70 W	up 10°	**B827** 15
		down 10°	
	Light version in class of Insulation I.		

iRoll 65 small / large

accessories		ø165 code	colour	ø218 code	colour
	Refractor for elliptical distribution	**BZ01**	24 for BA08-BA09-BA12 BA13-BA16-BA17-BA22 BA23-BA28-BA29-BA32 BA34-BA37(up)-BA38 BI17-BI18-BI27-BI28	**4492**	24 for B755-B756-B758 B759-B760-B761-B762 B763-B764-B765-B767 B770-B771-B776-B781 B783-B784-B827-BI19 BI20-BI29-BI30-BL28-BL29
	Diffusing glass	**BZ02**	65 for BA08-BA09-BA12 BA13-BA16-BA17-BA22 BA23-BA26-BA28-BA29 BA31-BA32-BA33-BA34 BA36-BA37-BA38	**4493**	65 for B755-B756-B758 B759-B760-B761-B762 B763-B764-B765-B767 B770-B771-B773-B776 B777-B779-B781-B783 B784-B785-B786-BI19 BI20-BI29-BI30-BL28-BL29
	Coloured filters	**BZ02**	05-06 09 for BA08-BA09-BA12 BA13-BA16-BA17-BA22 BA23-BA26-BA28-BA29 BA31-BA32-BA33-BA34 BA36-BA37-BA38-BI17 BI18-BI27-BI28	**4493**	05-06 09 for B755-B756-B758 B759-B760-B767-B770 B771-B773-B776-B779 B781-B783-BI19-BI20 BI29-BI30-BL28-BL29
	Spill ring for fixed Spot optic	**BZ03**	04 for BA09-BA23-BA38	**6878**	04 for B756-B762-B771-B827
	Spill ring for adjustable Spot optic	**BZ04**	04 for BA08-BA22-BA37(up)	**6879**	04 for B755-B761-B770 B786(up)
	Spill ring for Flood, Wide Flood and Very Wide Flood fixed optic	**BZ05**	04 for BA13	**6880**	04 for B759-B760-B764-B765
	Spill ring for adjustable Flood optic	**BZ06**	04 for BA12-BA35	**6881**	04 for B758-B763B784
	Spill ring for longitudinal asymmetric optic	**BZ07**	04 for BA26-BA31-BA33 BA36-BA37(down)	**6874**	04 for B773-B779-B785- B786(down)

Calamita Cosmica (Cosmic Magnet),
by Gino De Dominicis at the
Italian Centre of Contemporary Art, Foligno, Italy
Architectural project: EBSG s.r.l. - Photo: Giuseppe Saluzzi

Vis

design Mario Cucinella

01 WHITE

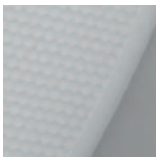
15 GREY

Features

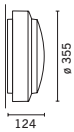
IP66 IK04

- Diffused light luminaire for use with incandescent and fluorescent lamps.
- Ceiling and wall-mounted installation.
- Equipped with component compartment, frame, and diffusing screen.
- Polycarbonate compartment with protection cover, component holder plate, power supply group with 3 pole quick-connecting terminals, and PG11 cable gland; die-cast aluminium exterior frame; raised diffusing screen made of texturised glass and interior painted finish.
- Available with electronic control gear and emergency with inverter.
- Luminaire ready for pass-through wiring.
- All screws are A2 stainless steel.

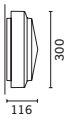
Soft, even light



Micro-prismatic glass



light source	W	code colour
TC-TEL (GX24q-3/4)	Electronic	
	26/32/42 W	**B699** 01-15
	2x26 W	**B700** 01-15
	Electronic Always-on for emergency light	
	26 W	**B702** 01-15
TC-TSE (E27)	Electronic	
	23 W (TC-TSE)	**B701** 01-15
HALOES (E27)	75 W max (HALOES)	



light source	W	code colour
TC-TEL (GX24q-3)	Electronic	
	26/32 W	**B706** 01-15
	Electronic Always-on for emergency light	
	18 W	**B753** 01-15
	26 W	***B707** 01-15

* Wall-mounting only

Full Square

design Mario Cucinella

01 WHITE

15 GREY

Features

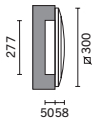
IP66 IK10

- Diffused light luminaire for use with fluorescent lamps.
- Ceiling and wall-mounted installation also available in recessed version.
- Composed of component-holder compartment, front frame and protection screen.
- Polycarbonate compartment complete with: component-holderplate with protection cover, control gear with fast-coupling terminals and PG11 cable clamp; diecast aluminium external frame; polycarbonate diffuser.
- Available with electronic control gear and emergency with inverter.
- Luminaire ready for pass-through wiring.
- All screws are A2 stainless steel.

EMERGENCY

light source	W	code	colour
	Wall/ceiling-mounted luminaire		
TC-TEL (GX24q-3)	Electronic		
	26/32 W	**B572**	01-15
	Electronic Always-on for emergency light		
	26 W	***B691**	01-15

* Wall-mounting only



light source	W	code	colour
	Wall/ceiling-recessed luminaire		
TC-TEL (GX24q-3/4)	Electronic		
	26/32 W	**B573**	01-15

installation systems

	code	colour
Body moulding cover The polystyrene is placed in the container either to create a housing for the fixture when set in concrete or to provide a finish for the housing for the wall-mounted unit.	**0045**	00 for B573
Casing	**BZH6**	04 for B573

Full

design Mario Cucinella

01 WHITE

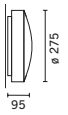
15 GREY

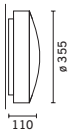
Features

IP66 IK04 (IK10 with polycarbonate screen)

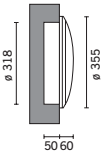
- Luminaire for diffused light emission for use with incandescent (Full) and fluorescent (Screen/Full) lamps.
- Ceiling and wall-mounted installation also available in recessed version.
- Equipped with component compartment, frame, and diffusing screen.
- Polycarbonate compartment complete with component-holder plate with protection cover, control gear with fast-coupling terminals and PG11 cable clamp; die-cast aluminium external frame; diffuser made of internally painted textured glass (polycarbonate version available on demand).
- Available with electronic control gear and emergency with inverter.
- Luminaire ready for pass-through wiring.
- All screws are A2 stainless steel.

EMERGENCY





light source	W	ø	code colour
	Wall/ceiling-mounted luminaire		
HALOES (E27)	60 W max	275	**7078** 01-15
	75 W max	355	**7040** 01-15
TC-TEL (GX24q-3/4)	Electronic		
	26 W	275	**B546** 01-15
	26/32/42 W	355	**B548** 01-15
	2x26 W	355	**B549** 01-15
	Electronic Always-on for emergency light		
	26 W	355	**B689** 01-15
	Wall/ceiling-mounted luminaire with halo		
HALOES (E27)	60 W max	275	**7082** 01-15
	75 W max	355	**7045** 01-15
TC-TEL (GX24q-3/4)	Electronic		
	26 W	275	**B547** 01-15
	26/32/42 W	355	**B550** 01-15
	2x26 W	355	**B551** 01-15



light source	W	ø	code colour
	Wall/ceiling-recessed luminaire		
TC-TEL (GX24q-3/4)	Electronic		
	26/32/42 W	355	**B554** 01-15

* Wall-mounting only

installation systems

Body moulding cover — **0043** 00 — for B554

The polystyrene is placed in the container either to create a housing for the fixture when set in concrete or to provide a finish for the housing for the wall-mounted unit.

Casing — **BZH5** 04 — for B554

Comfort

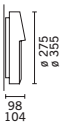
design Mario Cucinella

15
GREY

Features

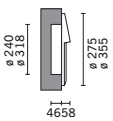
IP66 IK10

- Direct light luminaire with floor-washer emission for use with fluorescent and discharge lamps.
- Wall-mounted installation also available in recessed version.
- Composed of component-holder compartment, front frame and protection screen.
- Polycarbonate compartment complete with component-holder plate with protection cover, control gear with fastcoupling terminals and PG11 cable clamp; front frame made of die-cast aluminium with EPDM perimeter gasket; protection screen made of hardened transparent glass.
- High visual comfort.
- Luminaire ready for pass-through wiring.
- All screws are A2 stainless steel.



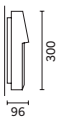
light source	W	ø	code colour
	Wall-mounted luminaire		
TC-DEL (G24q-2/3)	Electronic		
	18 W	275	**B576** 15
	26 W	355	**B577** 15
HIT-CE (PGJ5)	Electronic		
	20 W	275	***BD79** 15
	35 W	355	**BD80** 15

* Version on request

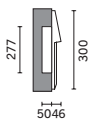


light source	W	ø	code colour
	Wall-mounted recessed		
TC-DEL (G24q-2/3)	Electronic		
	18 W	275	**B578** 15
	26 W	355	**B579** 15
HIT-CE (PGJ5)	Electronic		
	20 W	275	***BD82** 15
	35 W	355	**BD83** 15

* Version on request



light source	W	ø	code colour
	Wall-mounted luminaire		
TC-DEL (G24q-3)	Electronic		
	26 W		**B580** 15
HIT-CE (PGJ5)	Electronic		
	35 W		**BD81** 15



	W		code colour
	Wall-mounted recessed		
TC-DEL (G24q-3)	Electronic		
	26 W		**B581** 15
HIT-CE (PGJ5)	Electronic		
	35 W		**BD84** 15

installation systems

	code	colour
Body moulding cover The polystyrene is placed in the container either to create a housing for the fixture when set in concrete or to provide a finish for the housing for the wall-mounted unit.	**0044** 00 for B578-BD82 **0043** 00 for B579-BD83	
Casing	**BZH4** 04 for B578-BD82 **BZH5** 04 for B579-BD83	

installation systems

	code	colour
Body moulding cover The polystyrene is placed in the container either to create a housing for the fixture when set in concrete or to provide a finish for the housing for the wall-mounted unit.	**0045** 00 for B581-BD84	
Casing	**BZH6** 04 for B581-BD84	

Art

design Yamada

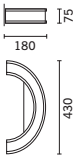
01 WHITE | 04 BLACK | 15 GREY

Features

IP44 IK08

- Surface-skimming lighting luminaire, for use with fluorescent and halogen lamps.
- Wall-mounted installation.
- Semi-circle-shaped fitting.
- Cast aluminium optical assembly; sanded glass diffusing screen.
- Control gear plate complete with power supply and ballast.
- All screws are A2 stainless steel.

light source	W	code colour
QT 18 ES (B15d)	75 W max	**5625** 01-04-15
TC-D (G24d-3)	26 W	**5734** 01-04-15



accessories

	code	colour
Cable cover	**0450**	01-04-15

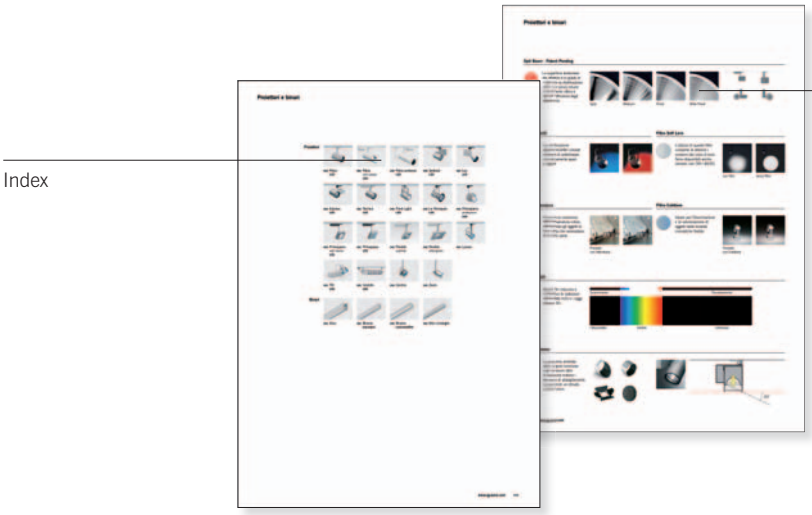
1001 Trees - Copenaghen, Denmark

Architectural project: SLA - Photo: with kind permission from SLA

Information for the reader

Chapters

Each product category is preceded by an index and, in some cases, introductory pages presenting the common lighting design and technical features.



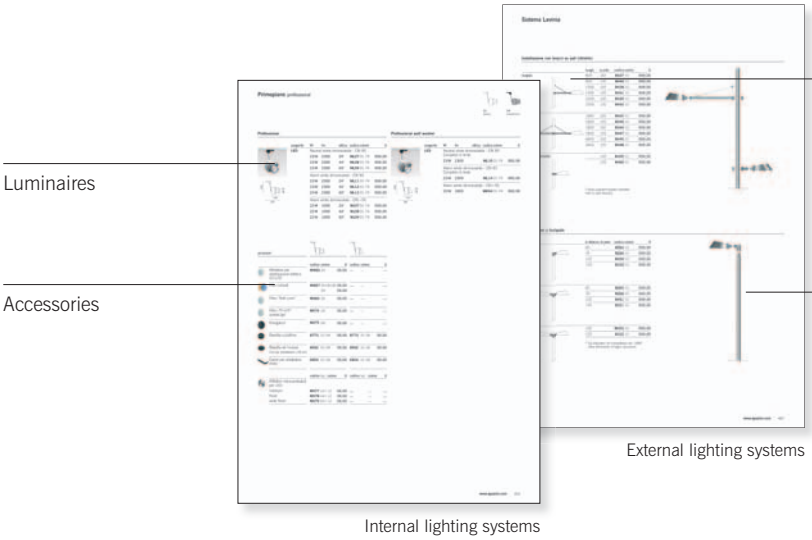
Presentation

Each product is presented using one or more images which show off its design, applications and dimensions. The specific technical features, optics and lamps are then illustrated. The icons summarise further advantages of the luminaire.

Product codes

This section indicates the codes, prices, description of the luminaires and accessories.

For all LED luminaires, except for pole-mounted systems, the luminous flux and power values are nominal including output. The data sheet of the online catalogue also shows the actual luminous flux value which siders the output of the lamps and of the system.



Degree of protection

The resistance offered by the fixture to the penetration of solids and liquids is indicated by the IP prefix (International Protection) followed by two numbers. The first number identifies the degree of protection against the ingress of solids and the second number against liquids (IEC 529 - EN 60529 publication). The letters IK indicate the the level of shock resistance of the luminaire, according to CEI EN 50102.

FIRST IDENTIFICATION NUMBER
Degree of protection against penetration of solids.

0	Not protected
1	Protected against penetration of solids larger than 50 mm.
2	Protected against penetration of solids larger than 12 mm
3	Protected against penetration of solids larger than 2,5 mm
4	Protected against the penetration of solids larger than 1 mm
5	Protected against the penetration of dust
6	Completely protected against penetration of dust

SECOND IDENTIFICATION NUMBER
Degree of protection against penetration of liquids.

0	Not protected
1	Protected against the vertical fall of water drops
2	Protected against the fall of water at a maximum angle of 15°
3	Protected against rain
4	Protected against splashes
5	Protected against jets of water
6	Protected against waves
7	Protected against the effects of immersion
8	Protected against the effects of prolonged immersion

LEVEL OF SHOCK RESISTANCE
It designates the level of shock resistance according to CEI EN 50102.

IK00	Not protected
IK01	Protected against 0,15 J shocks
IK02	Protected against 0,2 J shocks
IK03	Protected against 0,35 J shocks
IK04	Protected against 0,5 J shocks
IK05	Protected against 0,7 J shocks
IK06	Protected against 1 J shocks
IK07	Protected against 2 J shocks
IK08	Protected against 5 J shocks
IK09	Protected against 10 J shocks
IK10	Protected against 20 J shocks

Classification of fittings

Classification of fittings according to the electrical protection.

Class I	With functional insulation in every part and with earth terminal or clamp if the unit is fixed, or with electric power supply cable complete with earth wires and relative plug with earth contact if the unit is mobile.
Class II	With double insulation and/or reinforced insulation in every part and without earth connections.
Class III	Designed for connecting to low voltage circuits, without any internal or external circuit functioning at a voltage different from safety low voltage.

Classification of fittings according to the inflammability of the surfaces used for installation.

F	The fitting can be installed on normally flammable surfaces.

Electronic Power Supplies

Electronic transformers

	code	W output	h Average operational life	guarantee	dimmer device	V output voltage	A maximum absorbed current	°C temperature test Tc	W mains dissipated power	V spike protection	Electronic Safety Transformer	N° input terminals	N° output terminals	Kg weight	mm dimensions
	5586*	**50-200**	50.000/70.000	6	IGBT	11,7	0,86	+80	<10	>1800	SELV	4	8	0,345	238x50x43
	5587	**50-200**	30.000/45.000	4	IGBT	11,7	0,86	+80	<10	>1400	SELV	2	8	0,345	238x50x43
	5585	**50-105**	30.000/45.000	4	IGBT-TRIAC	11,7	0,49	+75	<4,5	>1400	SELV	2	4	0,210	178x47x34
	5584	**20-60**	30.000/45.000	4	IGBT-TRIAC	11,7	0,29	+70	<4	>1400	SELV	2	4	0,165	178x47x34
	5583	**35-105**	30.000/45.000	4	IGBT	11,6	0,49	+85	<4,5	>1400	SELV	2	2	0,130	168x48x17
	5581*	**10-60**	30.000/45.000	4	IGBT	11,6	0,26	+80	<4	>1400	SELV	2	2	0,120	168x48x17
	6002	**20-70**	20.000/25.000	3	IGBT-TRIAC	11,6	0,33	+75	<4	>1100	SELV	2	2	0,100	114x52x23
	MXG2**	**105**	50.000	-	IGBT-TRIAC	11,5	0,49	+80	<4	>1000	SELV	2	4	0,100	100x45x33

* Also suitable for 10W LED retrofit lamps (code L349 - L350 - L351 - L352 - L353 - L354)
** Suitable for retrofit lamps LED 5,5 W / 10 W / 15 W (code L347 - L348 - L349 - L350 - L351 - L352 - L353 - L354 -L355 - L356 - L357 - L358)

The electronic transformers have the following features in common:
230 V ±10% / 12 V or 240 V +6/-10% / 12V
Power factor 0,97/0,98

- Independent electronic power supplies: can be installed separately, externally of a lighting appliance, without an additional housing.
- Class II insulation: no earth connection required.
- Thermally protected electronic power supplies the number within the triangle indicates the nominal maximum temperature of the casing in °C.
- Electronic transformer suitable for installation on normally inflammable surfaces.
- Electronic transformer suitable for installation on wood surfaces in compliance with DIN VDE 0710/14.
- Safety transformer with short circuit protection.

Ta Ambient temperature -20°+55°C
Overload protection
Active Protection
Permanent short circuit protection
Thermal protection
No load protection
CE mark
Compliance with Norm EN 61347-2-2
Compliance with Norm 55015
Soft Start lamp ignition “Soft Start”

electronic power supplies with HIT long life

	code	W output	h Average operational life	guarantee	efficiency	A maximum absorbed current	°C temperature test Tc	mm Lamp cable length	min max switch-on time	N° input terminals	exit	Kg weight	mm dimensions
	G603	**70**	50.000/70.000	6	>90%	0,35	+70	500	20	6	lamp cable	0,400	152x87x39
	G602	**35**	50.000/70.000	6	>90%	0,18	+75	500	20	4	lamp cable	0,400	152x87x39

Electronic power supplies have the following features in common:
230 V ±10% / 240 V +6/-10%
Power factor >0,97

- Independent electronic power supplies: can be installed separately, externally of a lighting appliance, without an additional housing.
- Class II insulation: no earth connection required.
- Thermally protected electronic power supplies the number within the triangle indicates the nominal maximum temperature of the casing in °C.
- Electronic transformer suitable for installation on normally inflammable surfaces.

Ta Ambient temperature -20°+50°C
Active Protection
Permanent short circuit protection
Thermal protection
No load protection
grounding operational for EMC
grounding operational relaunching
CE mark
Compliance with Norm

Electronic dimmers

	code	W output	h Average operational life	guarantee	dimmer technology	feature	°C temperature test Tc	type of application	type of connection	type of command	Kg weight	mm dimensions
	G744	**50-700**	30.000/45.000	4	IGBT	Booster	+70	independent	terminals	via G743	0,400	212x49x46
	G743	**50-700**	30.000/45.000	4	IGBT	Dimmer	+70	independent	terminals	button normally open	0,400	212x49x46
	G742	**60-300**	30.000/45.000	4	TRIAC	Dimmer	+75	can be added	three wires	button normally open	0,200	81x43x20

The electronic dimmers and the boosters have the following features in common:
230 V ±10%
Ambient temperature 40°/45°C
Permanent short circuit protection
Thermal protection
CE mark
Compliance with Norm EN 60669-2-1

The dimmers and the boosters allow users to regulate the halogen low voltage lamp intensity with electronic transformers, 230 V incandescent lamps and halogen AV lamps.
Max of 10 G744 can be connected to the G743.

Lamps

* products not available for discontinued production of major manufacturers.

			code	W wattage	V voltage	lm lum. flow	cd lum. intens.	lm/W lum. effic.	K colour temp.	CRF	socket	ø mm
			L272	42	230	630	/	15	2800	100	E27	55
			L273	52	230	820	/	16	2800	100	E27	55
			L274	70	230	1200	/	17	2800	100	E27	55
	HALO ES	Halogen lamp Clear **ENERGY SAVER**	**L275**	105	230	1900	/	18	2800	100	E27	55
			* **L093**	60	230	490	/	8	2800	100	E27	95
			* **L094**	100	230	890	/	9	2800	100	E27	95
	G 95	Globe incandescent lamp	* **L095**	150	230	1800	/	12	2800	100	E27	95
	PAR 16	α 35°	**L151**	50	230	/	900	/	2800	100	GU10	51
		α 10°	**1817**	50	230	/	3000	/	2900	100	E27	64
		α 30°	**1818**	50	230	/	1000	/	2900	100	E27	64
		α 10° (Halopar 20 Osram)	**L233**	50	230	/	3200	/	2900	100	E27	64
	PAR 20	α 30° (Halopar 20 Osram)	**L234**	50	230	/	1100	/	2900	100	E27	64
		α 10°	**L015**	75	230	/	6500	/	2900	100	E27	97
		α 30°	**L016**	75	230	/	2000	/	2900	100	E27	97
		α 10°	**1809**	100	230	/	9000	/	2900	100	E27	97
	PAR 30S	α 30°	**1810**	100	230	/	3000	/	2900	100	E27	97
			1653	80	230	/	5400	/	2800	100	E27	122
		α 12°	**1655**	120	230	/	9300	/	2800	100	E27	122
			1654	80	230	/	1800	/	2800	100	E27	122
		α 30°	**1656**	120	230	/	3100	/	2800	100	E27	122
	PAR 38	cool beam α 30°	**1658**	120	230	/	9300	/	2800	100	E27	122
	PAR 36	α 30°	**1665**	50	12	/	1300	/	3000	100	M4	111
		α 4°	**1634**	50	12	/	40000	/	3000	100	G53	111
		α 8°	**1635**	50	12	/	20000	/	3000	100	G53	111
		α 24°	**1636**	50	12	/	4000	/	3000	100	G53	111
		α 8°	**1637**	75	12	/	30000	/	3000	100	G53	111
		α 24°	**1638**	75	12	/	5300	/	3000	100	G53	111
		α 45°	**1639**	75	12	/	2000	/	3000	100	G53	111
		α 8°	**1644**	100	12	/	48000	/	3000	100	G53	111
		α 24°	**1645**	100	12	/	8500	/	3000	100	G53	111
	QR 111	α 45°	**1650**	100	12	/	2800	/	3000	100	G53	111
		α 24° (MASTER LEDspot LV AR111 Philips)	**L355**	15	12	790	4560	/	2700	80	G53	111
		α 40° (MASTER LEDspot LV AR111 Philips)	**L356**	15	12	755	1520	/	2700	80	G53	111
		α 24° (MASTER LEDspot LV AR111 Philips)	**L357**	15	12	745	4240	/	3000	80	G53	111
	LED	α 40° (MASTER LEDspot LV AR111 Philips)	**L358**	15	12	725	1520	/	3000	80	G53	111
		α 8°	**1819**	50	12	/	12500	/	3000	100	BA15d	70
	QR 70	α 24°	**1820**	50	12	/	2600	/	3000	100	BA15d	70
		Halogen lamp with dichroic reflector α 10°	**L113**	20	12	/	4500	/	3000	100	GU4	35
		Halogen lamp with dichroic reflector α 38°	**L114**	20	12	/	700	/	3000	100	GU4	35
		Halogen lamp with dichroic reflector α 10°	**1605**	35	12	/	7200	/	3000	100	GU4	35
		Halogen lamp with dichroic reflector α 20°	**1606**	35	12	/	3100	/	3000	100	GU4	35
	QR CBC 35	Halogen lamp with dichroic reflector α 38°	**1607**	35	12	/	1350	/	3000	100	GU4	35
		Halogen lamp with dichroic reflector α 10°	**1698**	20	12	/	5000	/	3000	100	GU5,3	51
		Halogen lamp with dichroic reflector α 38°	**1699**	20	12	/	780	/	3000	100	GU5,3	51
		Halogen lamp with dichroic reflector α 10° (Decostar 51 ES Osram)	**L255**	20	12	/	8000	/	3000	100	GU5,3	51
		Halogen lamp with dichroic reflector α 24° (Decostar 51 ES Osram)	**L256**	20	12	/	2300	/	3000	100	GU5,3	51
		Halogen lamp with dichroic reflector α 36° (Decostar 51 ES Osram)	**L257**	20	12	/	1000	/	3000	100	GU5,3	51
		Halogen lamp with dichroic reflector α 60° (Decostar 51 ES Osram)	**L258**	20	12	/	450	/	3000	100	GU5,3	51
		Halogen lamp with dichroic reflector α 10° (Decostar 51 ES Osram)	**L214**	35	12	/	12500	/	3000	100	GU5,3	51
		Halogen lamp with dichroic reflector α 24° (Decostar 51 ES Osram)	**L215**	35	12	/	4400	/	3000	100	GU5,3	51
		Halogen lamp with dichroic reflector α 36° (Decostar 51 ES Osram)	**L216**	35	12	/	2200	/	3000	100	GU5,3	51
		Halogen lamp with dichroic reflector α 60° (Decostar 51 ES Osram)	**L221**	35	12	/	1100	/	3000	100	GU5,3	51
		Halogen lamp with dichroic reflector α 10° (Decostar 51 ES Osram)	**L227**	50	12	/	15000	/	3000	100	GU5,3	51
		Halogen lamp with dichroic reflector α 24° (Decostar 51 ES Osram)	**L228**	50	12	/	5700	/	3000	100	GU5,3	51
		Halogen lamp with dichroic reflector α 36° (Decostar 51 ES Osram)	**L229**	50	12	/	2850	/	3000	100	GU5,3	51
		Halogen lamp with dichroic reflector α 60° (Decostar 51 ES Osram)	**L230**	50	12	/	1430	/	3000	100	GU5,3	51
		Halogen lamp with dichroic reflector α 10°	**1695**	50	12	/	12500	/	3000	100	GU5,3	51
		Halogen lamp with dichroic reflector α 24°	**L050**	50	12	/	4400	/	3000	100	GU5,3	51
		Halogen lamp with dichroic reflector α 38°	**1696**	50	12	/	2200	/	3000	100	GU5,3	51
	QR CBC 51	Halogen lamp with dichroic reflector α 60°	**L080**	50	12	/	1100	/	3000	100	GU5,3	51
			L347	5,5	12	300	1000	/	2700	80	GU5,3	50
	LED	α 36° (MASTER LEDspot LV MR16 Philips)	**L348**	5,5	12	310	1030	/	3000	80	GU5,3	50
		α 24° (MASTER LEDspot LV MR16 Philips)	**L350**	10	12	470	2720	/	2700	80	GU5,3	50
		α 36° (MASTER LEDspot LV MR16 Philips)	**L351**	10	12	470	1500	/	2700	80	GU5,3	50
		α 24° (MASTER LEDspot LV MR16 Philips)	**L353**	10	12	490	2840	/	3000	80	GU5,3	50
	LED	α 36° (MASTER LEDspot LV MR16 Philips)	**L354**	10	12	490	1560	/	3000	80	GU5,3	50
	XENON	Clear	**L150**	8,5	12	67	/	12	2800	100	T-3 1/4	8,5
	XELOGEN	Clear	**L112**	10	12	125	/	12	2800	100	G4	9,
			1815	5	12	60	/	10	3000	100	G4	9
			1816	10	12	130	/	10	3000	100	G4	9
	QT 9	Halogen lamp	**1674**	20	12	320	/	18	3000	100	G4	9
	QT 12	Halogen lamp	**1669**	100	24	2200	/	20	3000	100	GY6,35	12

Lamps

			code	W wattage	V voltage	lm lum. flow	cd lum. intens.	lm/W lum. effic.	K colour temp.	CRF	socket	ø mm
			L276	25	12	500	/	20	2800	100	GY6,35	12
			L277	35	12	860	/	24	2900	100	GY6,35	12
			L278	50	12	1180	/	24	3000	100	GY6,35	12
	QT 12 ES	Halogen lamp **ENERGY SAVER**	**L279**	60	12	1650	/	27	3000	100	GY6,35	12
			L280	20	230	200	/	10	2700	100	G9	14
			L281	33	230	460	/	14	2700	100	G9	14
			L282	48	230	740	/	15	2800	100	G9	14
	QT 14 ES	Halogen lamp **ENERGY SAVER**	**L283**	60	230	980	/	16	2800	100	G9	14
	QT 18	Halogen lamp	**1689**	150	230	2400	/	15	3000	100	B15d	18
			L284	70	230	1180	/	16	2900	100	B15d	18
	QT 18 ES	Halogen lamp **ENERGY SAVER**	**L285**	100	230	1800	/	17	2900	100	B15d	18
			L270	70	230	1180	/	17	2900	100	E27	32
			L271	100	230	1800	/	18	2900	100	E27	32
			L192	150	230	2870	/	19	2900	100	E27	32
	QT 32	Halogen lamp Clear **ENERGY SAVER**	**L026**	205	230	4200	/	20	2900	100	E27	32
			L321	120	230	2300	/	18	2950	100	R7s	12
			L322	160	230	3300	/	19	2950	100	R7s	12
	QT-DE 12 ES	Halogen lamp **ENERGY SAVER**	**L288**	230	230	5000	/	21	2950	100	R7s	12
			L286	80	230	1450	/	18	2900	100	R7s	12
	QT-DE 12 ES	Halogen lamp **ENERGY SAVER** (75 mm)	**L287**	120	230	2300	/	19	2900	100	R7s	12
			L056	22	/	1800	/	82	4000	85	2Gx13	225
			L059	22	/	1800	/	82	3000	85	2Gx13	225
			L057	40	/	3200	/	80	4000	85	2Gx13	300
			L060	40	/	3200	/	80	3000	85	2Gx13	300
			L243	55	/	4200	/	76	3000	85	2Gx13	300
	T 16-R	Circular fluorescent lamp	**L244**	55	/	4200	/	76	4000	85	2Gx13	300
			L102	6	/	240	/	40	4000	79	G5	16
			L068	8	/	450	/	56	4000	89	G5	16
			L069	8	/	450	/	56	2700	89	G5	16
			L038	14	/	1200	/	96	4000	86	G5	16
			L039	14	/	1200	/	96	3000	86	G5	16
			L040	21	/	1900	/	100	4000	86	G5	16
			L041	21	/	1900	/	100	3000	86	G5	16
			L090	24	/	1600	/	84	6500	86	G5	16
			L120	24	/	1700	/	89	4000	86	G5	16
			L119	24	/	1700	/	89	3000	86	G5	16
			L089	24	/	1700	/	89	2700	86	G5	16
			L042	28	/	2600	/	104	4000	86	G5	16
			L043	28	/	2600	/	104	3000	86	G5	16
			L105	35	/	3050	/	97	6500	86	G5	16
			L044	35	/	3300	/	104	4000	86	G5	16
			L045	35	/	3300	/	104	3000	86	G5	16
			L104	35	/	3300	/	104	2700	86	G5	16
			L054	39	/	3100	/	90	4000	85	G5	16
			L055	39	/	3100	/	90	3000	85	G5	16
			L196	49	/	4300	/	88	2700	85	G5	16
			L197	49	/	4300	/	88	3000	85	G5	16
			L198	49	/	4300	/	88	4000	85	G5	16
			L199	49	/	4100	/	84	6500	85	G5	16
			L092	54	/	4050	/	89	6500	86	G5	16
			L001	54	/	4450	/	93	4000	86	G5	16
			L002	54	/	4450	/	93	3000	86	G5	16
			L091	54	/	4450	/	93	2700	86	G5	16
			L147	80	/	6150	/	88	4000	86	G5	16
	T 16 (T5)	Fluorescent lamp	**L146**	80	/	6150	/	88	3000	86	G5	16
			L200	24	/	1500	/	63	red	/	G5	16
			L201	24	/	2500	/	105	green	/	G5	16
			L202	24	/	525	/	22	blue	/	G5	16
			L203	28	/	2100	/	75	red	/	G5	16
			L204	28	/	3500	/	125	green	/	G5	16
			L205	28	/	700	/	25	blue	/	G5	16
			L209	35	/	2650	/	76	red	/	G5	16
			L210	35	/	4450	/	128	green	/	G5	16
			L211	35	/	875	/	25	blue	/	G5	16
			L157	54	/	3300	/	68	red	/	G5	16
			L158	54	/	5550	/	114	green	/	G5	16
	T 16 (T5)	Coloured fluorescent	**L159**	54	/	1150	/	24	blue	/	G5	16
			L327	14	/	1200	/	86	3000	86	G5	16
			L328	14	/	1200	/	86	4000	86	G5	16
			L329	14	/	1200	/	86	6500	86	G5	16
			L330	21	/	1900	/	90	3000	86	G5	16
			L331	21	/	1900	/	90	4000	86	G5	16
			L332	21	/	1900	/	90	6500	86	G5	16
			L294	24	/	1750	/	73	3000	86	G5	16
			L295	24	/	1750	/	73	4000	86	G5	16
			L296	24	/	1650	/	69	6500	86	G5	16
			L333	28	/	2600	/	93	3000	86	G5	16
			L334	28	/	2600	/	93	4000	86	G5	16
	T 16 (T5)	Fluorescent lamp (Seamless Osram)	**L335**	28	/	2600	/	93	6500	86	G5	16

Lamps

			code	W wattage	V voltage	lm lum. flow	cd lum. intens.	lm/W lum. effic.	K colour temp.	CRF	socket	ø mm
			L297	39	/	3100	/	79	3000	86	G5	16
			L299	39	/	3100	/	79	4000	86	G5	16
			L300	39	/	2900	/	74	6500	86	G5	16
			L302	54	/	4450	/	82	4000	86	G5	16
			L303	54	/	4450	/	82	6500	86	G5	16
	T 16 (T5)	Fluorescent lamp (Seamless Osram)	**L304**	54	/	4050	/	75	3000	86	G5	16
			1797	7	/	400	/	57	4000	86	G23	/
			1805	7	/	400	/	57	2700	86	G23	/
			1729	9	/	600	/	67	2700	82	G23	/
	TC-S	Fluorescent lamp	**1730**	11	/	900	/	82	2700	82	G23	/
			1798	7	/	400	/	57	4000	86	2G7	/
			1804	7	/	400	/	57	2700	86	2G7	/
			L103	11	/	900	/	82	4000	82	2G7	/
	TC-SEL	Fluorescent lamp	**L224**	11	/	900	/	82	2700	82	2G7	/
			1771	18	/	1200	/	66	4000	85	2G11	/
			1772	18	/	1200	/	66	3000	85	2G11	/
			1773	18	/	1200	/	66	2700	85	2G11	/
			1774	24	/	1800	/	75	4000	85	2G11	/
			1775	24	/	1800	/	75	3000	85	2G11	/
			1738	24	/	1800	/	75	2700	85	2G11	/
			L342	28	/	2700	/	97	3000	80	2GX11	/
			L343	28	/	2700	/	100	4000	80	2GX11	/
			1776	36	/	2900	/	80	4000	85	2G11	/
			1777	36	/	2900	/	80	3000	85	2G11	/
			1739	36	/	2900	/	80	2700	85	2G11	/
			L317	40	/	3500	/	88	3000	85	2G11	/
			L318	40	/	3500	/	88	4000	85	2G11	/
			1791	55	/	4800	/	87	3000	85	2G11	/
			1792	55	/	4800	/	87	4000	85	2G11	/
			L007	55	/	4800	/	87	2700	85	2G11	/
			L008	55	/	3000	/	55	5400	95	2G11	/
			L149	80	/	6000	/	75	4000	95	2G11	/
	TC-L	Fluorescent lamp	**L148**	80	/	6000	/	75	3000	95	2G11	/
			1740	10	/	600	/	60	2700	85	G24d-1	/
			1741	13	/	900	/	69	2700	85	G24d-1	/
			1806	13	/	900	/	69	4000	85	G24d-1	/
			1615	18	/	1200	/	67	2700	85	G24d-2	/
			L074	18	/	1200	/	67	3000	85	G24d-2	/
			1807	18	/	1200	/	67	4000	85	G24d-2	/
			1616	26	/	1800	/	69	2700	85	G24d-3	/
			L079	26	/	1800	/	69	3000	85	G24d-3	/
	TC-D	Fluorescent lamp	**1808**	26	/	1800	/	69	4000	85	G24d-3	
			1799	13	/	900	/	69	2700	86	G24q-1	/
			L187	13	/	900	/	69	3000	86	G24q-1	/
			L144	13	/	900	/	69	4000	86	G24q-1	/
			1800	18	/	1200	/	67	2700	86	G24q-2	/
			L075	18	/	1200	/	67	3000	86	G24q-2	/
			L076	18	/	1200	/	67	4000	86	G24q-2	/
			1801	26	/	1800	/	69	2700	86	G24q-3	/
			L077	26	/	1800	/	69	3000	86	G24q-3	/
	TC-DEL	Fluorescent lamp	**L078**	26	/	1800	/	69	4000	85	G24q-3	/
			1826	26	/	1800	/	69	4000	86	GX24d-3	/
			1828	26	/	1800	/	69	3000	86	GX24d-3	/
	TC-T	Fluorescent lamp	**1829**	26	/	1800	/	69	2700	86	GX24d-3	/
			L206	13	/	900	/	72	2700	90	GX24q-1	/
			L207	13	/	900	/	72	3000	90	GX24q-1	/
			L208	13	/	900	/	72	4000	90	GX24q-1	/
			L152	18	/	1200	/	67	3000	86	GX24q-2	/
			L127	26	/	1800	/	75	2700	86	GX24q-3	/
			L128	26	/	1800	/	75	3000	86	GX24q-3	/
			L129	26	/	1800	/	75	4000	86	GX24q-3	/
			1762	32	/	2400	/	75	4000	86	GX24q-3	/
			1763	32	/	2400	/	75	3000	86	GX24q-3	/
			1764	32	/	2400	/	75	2700	86	GX24q-3	/
			1652	42	/	3200	/	76	4000	86	GX24q-4	/
			1673	42	/	3200	/	76	3000	86	GX24q-4	/
			1686	42	/	3200	/	76	2700	86	GX24q-4	/
			L121	57	/	4300	/	75	2700	86	GX24q-5	/
			L122	57	/	4300	/	75	3000	86	GX24q-5	/
	TC-TEL	Fluorescent lamp	**L123**	57	/	4300	/	75	4000	86	GX24q-5	/
			L217	14	/	1200	/	86	3000	82	GR14q-1	41
			L218	14	/	1200	/	86	4000	82	GR14q-1	41
			L219	17	/	1500	/	88	3000	82	GR14q-1	41
	TC-TEL	Fluorescent lamp (Philips PL-R)	**L220**	17	/	1500	/	88	4000	82	GR14q-1	41
	TC-DSE	Electronic fluorescent	**L065**	8	/	400	/	50	2700	82	E14	40

Lamps

			code	W wattage	V voltage	lm lum. flow	cd lum. intens.	lm/W lum. effic.	K colour temp.	CRF	socket	ø mm
			L268	14	/	750	/	54	2500	82	E27	43
			L269	14	/	750	/	54	4000	82	E27	43
			L155	20	/	1200	/	60	4000	82	E27	43
			L066	23	/	1500	/	65	4000	82	E27	43
			L191	23	/	1500	/	63	2700	82	E27	43
	TC-TSE	Electronic fluorescent	**L185**	30	/	1900	/	63	4000	82	E27	43
			L305	11	/	640	/	58	2500	80	E27	43
	TC-TSE	Electronic fluorescent (Osram)	**L306**	11	/	640	/	58	4000	80	E27	43
			L231	33	/	2250	/	65	2700	82	E27	/
	TC-TEL	Fluorescent (Philips PL-E)	**L232**	33	/	2150	/	64	6500	76	E27	/
			1704	50	/	1600	/	32	3000	69	E27	55
			1705	50	/	1800	/	36	4200	69	E27	55
			1708	80	/	3400	/	39	3000	69	E27	70
			1706	80	/	3800	/	46	4100	69	E27	70
			1707	125	/	5700	/	50	4000	69	E27	75
			1743	250	/	13000	/	52	3900	69	E40	90
	HME	H.P. mercury lamp	**1783**	400	/	22000	/	55	3800	50	E40	120
			1770	75	/	5500	/	73	4300	85	Rx7s	20
			1744	75	/	5000	/	67	3000	80	Rx7s	20
			1745	150	/	11250	/	75	4300	85	Rx7s	23
	HIT-DE	Metal halide lamp	**1784**	150	/	11000	/	75	3000	80	Rx7s	23
			1626	70	/	6200	/	93	3000	75	Rx7s	21
			L063	70	/	5700	/	86	4200	80	Rx7s	22
			1631	150	/	13800	/	92	3000	75	Rx7s	25
	HIT-DE-CE	Metal halide lamp (Mastercolour Philips)	**L064**	150	/	12900	/	86	4200	85	Rx7s	25
			L235	50	/	4150	/	88	2800	80	E27	32
			L087	70	/	6300	/	88	2800	83	E27	32
			L124	100	/	8800	/	91	2800	83	E40	46
			L073	150	/	13500	/	92	2800	85	E40	46
	HIT-CE	Metal halide lamp (Philips CDO-TT)	**L341**	250	/	22500	/	92	2800	85	E40	46
			1778	250	/	20000	/	80	5300	95	E40	46
	HIT	Metal halide lamp (Osram)	**1779**	400	/	32000	/	69	5200	95	E40	46
	HIT	Metal halide lamp (Philips)	**L156**	400	/	35000	/	90	4300	65	E40	47
	HIT	Metal halide lamp (G.E.)	**L081**	250	/	24000	/	80	3000	85	E40	48
	HIT	Metal halide lamp (BLV TOP FLOOD)	**L082**	400	/	25000	/	69	5200	85	E40	46
			1802	250	/	20000	/	80	3200	80	Fc2	62
	HIT-DE	Metal halide lamp	**1786**	250	/	20000	/	80	4200	86	Fc2	25
	HIT-DE	Metal halide lamp (Osram HQI-TS/D)	**1796**	400	/	31000	/	80	5600	90	Fc2	31
			L160	20	/	1650	/	75	3000	85	PGJ5	17
	HIT-CE	Metal halide lamp (Mastercolour Philips CDM-Tm)	**L223**	35	/	3000	/	77	3000	90	PGJ5	17
			L363	600	/	58000	/	94	6000	90	G22	34
	HIT-CE	Metal halide lamp (Osram Powerstar)	**L359**	1000	/	97000	/	97	6000	90	G22	38
			L193	35	/	3600	/	95	3000	83	G12	19
			L289	35	/	3500	/	92	4200	90	G12	19
			L194	70	/	7300	/	100	3000	88	G12	19
			L337	70	/	6800	/	93	4200	94	G12	19
			L340	100	/	9500	/	99	3000	86	G12	19
			L339	100	/	9300	/	97	4200	94	G12	19
			L195	150	/	15000	/	106	3000	88	G12	25
	HIT-CE	Metal halide lamp (Powerball HCI-T Osram)	**L338**	150	/	14500	/	99	4200	96	G12	25
			1768	35	/	3300	/	77	3000	81	G12	20
			L290	35	/	3300	/	81	4200	84	G12	20
			1769	70	/	6600	/	94	3000	81	G12	20
			L061	70	/	6600	/	94	4200	96	G12	20
			1619	150	/	14000	/	94	3000	85	G12	20
			L062	150	/	12700	/	85	4200	96	G12	20
	HIT-CE	Metal halide lamp (Mastercolour Philips CDM-T)	**L170**	250	/	23000	/	94	3000	89	G12	23
			L071	70	/	5600	/	75	4200	/	G12	23
	HIT	Metal halide lamp (BLV)	**L070**	70	/	6000	/	71	3000	/	G12	23
			L237	35	/	3500	/	100	3000	90	G12	20
			L344	50	/	5400	/	108	3000	90	G12	20
			L238	70	/	7300	/	104	3000	90	G12	20
			L345	100	/	11000	/	110	3000	90	G12	20
	HIT-CE	Metal halide lamp (Mastercolour Philips CDM-T Elite)	**L239**	150	/	15000	/	100	3000	90	G12	20
	HIT-CE	Metal halide lamp (constant color CMH-GE)	**L225**	20	/	1650	/	82	3000	80	G12	20
			1676	70	/	5200	/	74	3000	80	G12	25
	HIT	Metal halide lamp (Osram)	**1677**	150	/	13000	/	80	3000	80	G12	25
			L266	210	/	24200	/	115	3000	90	PGZ18	28
	HIT-CE	Metal halide lamp (Mastercolour Philips CDM-T Elite MW)	**L267**	315	/	37800	/	120	3000	90	PGZ18	28
			L212	20	/	1700	/	85	3000	82	G8,5	15
			L213	35	/	3400	/	92	3000	82	G8,5	15
	HIT-CE	Metal halide lamp (Powerball HCI-TC Osram)	**L291**	35	/	3400	/	92	4200	90	G8,5	15
	HIT-TC-CE	Metal halide lamp (constant color CMH-GE) (CDM-TC)	**L072**	20	/	1650	/	83	3000	80	G8,5	14

Lamps

			code	W wattage	V voltage	lm lum. flow	cd lum. intens.	lm/W lum. effic.	K colour temp.	CRF	socket	ø mm
			L052	35	/	3300	/	87	3000	81	G8,5	14
			L292	35	/	3300	/	87	4200	90	G8,5	14
	HIT-TC-CE	Metal halide lamp (Mastercolour Philips CDM-TC)	**L053**	70	/	6600	/	93	3000	83	G8,5	14
			L181	60	/	6600	/	120	2850	70	PGZ12	19
			L336	90	/	10450	/	116	2750	66	PGZ12	19
	HIT-CE	H.P. metal halide lamp (Philips CPO-TW)	**L171**	140	/	16500	/	120	2850	70	PGZ12	19
			L240	35	/	3500	/	100	3000	90	G8,5	14
			L346	50	/	5400	/	108	3000	90	G8,5	14
	HIT-CE	Metal halide lamp (Mastercolour Philips CDM-TC Elite)	**L241**	70	/	7300	/	104	3000	90	G8,5	15
	HIT-CE	Metal halide lamp (Mastercolour Philips CDM-Tm Mini)	**L325**	20	/	1800	/	90	3000	84	GU6,5	13
			L226	20	/	1700	/	85	3000	85	GU6,5	13
	HIT-CE	Metal halide lamp (Powerball HCI-TF Osram)	**L326**	35	/	3400	/	87	3000	90	GU6,5	13
			L324	20	/	1615	/	81	3000	81	GU6,5	13
			L313	35	/	3400	/	97	3000	88	GU6,5	13
	HIT-CE	Metal halide lamp (constant color CMH-GE)	**L314**	35	/	3400	/	97	4000	90	GU6,5	13
		Metal halide lamp (Mastercolour Philips CDM-R111) α 10°	**L162**	35	/	1400	35000	40	3000	81	GX8,5	111
		Metal halide lamp (Mastercolour Philips CDM-R111) α 24°	**L163**	35	/	1600	8500	45	3000	81	GX8,5	111
		Metal halide lamp (Mastercolour Philips CDM-R111) α 40°	**L164**	35	/	1800	4000	51	3000	81	GX8,5	111
		Metal halide lamp (Mastercolour Philips CDM-R111) α 10°	**L165**	70	/	2850	50000	41	2900	84	GX8,5	111
		Metal halide lamp (Mastercolour Philips CDM-R111) α 24°	**L166**	70	/	2850	15000	41	2900	84	GX8,5	111
	HIR-111-CE	Metal halide lamp (Mastercolour Philips CDM-R111) α 40°	**L167**	70	/	2850	9000	41	2900	84	GX8,5	111
			L018	70	/	4900	/	70	3800	85	E27	54
			L019	100	/	8000	/	80	3800	85	E27	54
		Clear (HIE/C)*	**L020**	150	/	12500	/	83	3000	85	E27	54
*			**L084**	70	/	4900	/	70	3800	85	E27	54
			1746	250	/	19000	/	76	6000	85	E40	90
	HIE	Metal halide lamp (Osram) Acid etched (HIE/M)	**L024**	400	/	32000	/	76	5200	90	E40	120
	HIE	Metal halide lamp (Osram) Acid etched (HQI-E)	**L173**	150	/	10500	/	70	3800	86	E27	55
		Metal halide lamp (Sylvania) Clear (HIE/C)*	**L085**	150	/	13000	/	86	4000	85	E27	54
	HIE	Metal halide lamp (Sylvania) Acid etched (HIE/M)	**L086**	150	/	12500	/	83	4000	85	E27	54
			L088	70	/	5600	/	79	2800	78	E27	70
			L125	100	/	8300	/	87	2800	80	E40	75
	HIE-CE	Metal halide lamp (Philips CDO-ET)	**L126**	150	/	12500	/	86	2800	82	E40	90
	HI-PAR 20-CE	Metal halide lamp (Mastercolour Philips) α 10°	**L051**	35	/	2000	23000	/	3000	81	E27	65
		Metal halide lamp (Mastercolour Philips) α 10°	**L009**	35	/	2200	44000	97	3000	81	E27	97
		Metal halide lamp (Mastercolour Philips) α 30°	**L010**	35	/	2200	7400	97	3000	81	E27	97
		Metal halide lamp (Mastercolour Philips) α 10°	**L011**	70	/	4850	68000	91	3000	83	E27	97
	HI-PAR 30-CE	Metal halide lamp (Mastercolour Philips) α 40°	**L012**	70	/	4850	10000	91	3000	83	E27	97
		Metal halide lamp (CDM-Rm Elite Philips) α 10°	**L372**	35	/	/	2400	/	3000	90	GX10	51
		Metal halide lamp (CDM-Rm Elite Philips) α 25°	**L373**	35	/	/	2400	/	3000	90	GX10	51
	HI-PAR 51	Metal halide lamp (CDM-Rm Elite Philips) α 40°	**L374**	35	/	/	2400	/	3000	90	GX10	51
		Metal halide lamp (constant color CMH MR16-GE) α 12°	**L260**	20	/	/	9000	/	3000	81	GX10	51
		Metal halide lamp (constant color CMH MR16-GE) α 25°	**L261**	20	/	/	2900	/	3000	81	GX10	51
		Metal halide lamp (constant color CMH MR16-GE) α 40°	**L262**	20	/	/	1500	/	3000	81	GX10	51
		Metal halide lamp (constant color CMH MR16-GE) α 12°	**L263**	35	/	/	16000	/	3000	90	GX10	51
		Metal halide lamp (constant color CMH MR16-GE) α 25°	**L264**	35	/	/	5500	/	3000	90	GX10	51
	HI-PAR 51-CE	Metal halide lamp (constant color CMH MR16-GE) α 40°	**L265**	35	/	/	3000	/	3000	90	GX10	51
			1765	70	/	7000	/	100	2000	25	Rx7s	20
	HST-DE	H.P. sodium lamp	**1793**	150	/	15000	/	100	2000	35	Rx7s	23
			1794	250	/	25500	/	102	2000	35	Fc2	23
	HST-DE	H.P. sodium lamp	**1795**	400	/	48000	/	120	2000	35	Fc2	23
			1640	35	/	1300	/	40	2500	80	PG12-1	31
			1641	50	/	2300	/	44	2500	80	PG12-1	31
	HST	H.P. sodium lamp (Philips SDW-T)	**1601**	100	/	5000	/	47	2500	80	PG12-1	31
			L168	50	/	2400	/	48	2550	81	GX12-1	20
	HST	H.P. sodium lamp (Mini White SON Philips SDW-TG)	**L169**	100	/	4900	/	49	2550	83	GX12-1	20
			L021	50	/	4400	/	80	2000	25	E27	37
			L022	70	/	6000	/	93	2000	25	E27	37
			L048	100	/	10000	/	100	2000	25	E40	46
			1780	150	/	14500	/	96	2000	25	E40	46
			1781	250	/	27000	/	108	2000	25	E40	46
	HST	H.P. sodium lamp	**1782**	400	/	48000	/	120	2000	25	E40	46
	HST	H.P. sodium lamp (Philips SON-T PIA Plus)	**L236**	50	/	4400	/	88	2000	25	E27	38
			1702	50	/	3500	/	70	2000	40	E27	70
			1700	70	/	5600	/	84	2000	40	E27	70
			1617	100	/	9500	/	95	2000	20	E40	75
			1701	150	/	14000	/	103	2000	40	E40	90
			1684	250	/	25000	/	100	2000	40	E40	90
	HSE	H.P. sodium lamp	**1703**	400	/	47000	/	118	2000	40	E40	120
			1735	100	/	1100	/	11	3600	69	E27	75
	HME-SB	Blended light	**1736**	160	/	3100	/	19	3600	69	E27	75
			–	85	230	6000	/	70	4000	80	/	111
	Q.L.	Induction	**–**	85	230	6000	/	70	2700	80	/	111

Light source data is for reference use only. For official data, refer to the relevant lamp manufacturers data

Code/page reference

code	page	weight kg
0043	688-689	0.08
0044	689	
0045	687-689	0.07
0225	592	0.02
0227	490-491-492-493	0.05
0233	533	0.07
0245	590-592	0.01
0246	490-491-492	0.08
	494 495-496	
0450	690	0.20
0453	490-493-495	5.60
	496-497	
0455	648-650	2.35
0456	570	0.39
0509	317	0.19
1079	533	1.90
1080	533	1.20
1106	86	
1111	86	0.02
1128	446	1.69
1129	446	1.45
1144	412	2.80
1145	412	4.35
1146	412	5.00
1147	412	8.15
1148	412	3.15
1149	413	2.50
1154	548-672	0.09
1158	565	0.31
1159	565	0.47
1160	565	0.88
1164	492-497	13.20
1165	491-492-493-494	11.28
	495-496-497	
1168	490-493-497	4.25
1170	570	0.95
1171	570	1.15
1172	570	0.50
1173	570	2.30
1175	570	1.18
1176	568-570	0.68
1177	568-570	0.56
1178	570	0.92
1179	570	1.05
1180	619	0.14
1181	556-583-584	0.04
1182	556	0.04
1183	556-558	0.27
1184	556-558	0.36
1185	558	0.10
1186	558	0.10
1187	556-558	0.20
1188	556	0.21
1189	556	0.19
1190	406-556-558-624	0.26
1191	113-117-120-146	0.05
	148-155	
1192	120-146-191-198	0.12
1195	565	0.55
1196	565	0.82
1197	565	1.49
1199	341	0.03
1203	398-413-455-490	39.20
1205	394-398-407-413	42.60
	420-429-435-455	
	459-478-486-490	
1229	341	0.15
1234	341	0.29
1236	341	0.55
1240	341	
1262	412	1.73
1263	412	2.80
1264	412	1.90
1265	413	1.45
1271	394-407-420-490	
1272	394-407-420-490	
1274	455-472-490	119.35
1275	398-407-413-429	29.00
	435-459-465-493	
1278	398-407-413-429	39.00
1278	435-459-465-493	
1281	398-413-429-435	56.00
	459-465-493	
1282	398-413-429-435	76.90
	459-493	
1283	398-413-429-435	61.90
	459-465-493	
1284	398-413-429-435	104.30
	459-493	
1287	472-478-486-490	96.80
1288	472-478-486-492	152.00
1289	472-490	92.70
1290	472	162.80
1291	455-478-486-490	51.60
1292	455-478-486-490	55.00
1344	394-398-407-413	49,00
	420-429-435-455	
	459-490	
1506	429-435-442	
	455-494	
1507	429-435-442	94.00
	455-494	
1508	429-435-442-455-494	
1509	429-435-442	90.00
	455-494	
1511	429-435-442-455-495	
1515	429-435-442-455-495	
1518	394-398-407-420	51.00
	429-435-455	
	459-491	
1519	394-398-420-429	72.00
	435-455-459-491	
1520	398-429-435-455	80.00
	459-491	
1521	394-398-407-420	78.00
	429-435-455	
	459-491	
1522	394-398-420-429	87.00
	435-455-459-491	
1523	398-429-435	118.00
	455-459-491	
1530	446-496	
1531	446-496	
1532	446-496	
1533	446-496	
1534	446-496	
1535	446-496	181.60
1536	446-496	
1537	446-496	
1538	446-496	
1539	446-496	
1540	446-496	
1541	446-496	190.30
1542	394-413-420-429	66.00
	435-442-455-478	
	486-490	
1543	394-413-420-429	78.00
	435-442-455-478	
	486-490	
1544	394-413-420-429	102.00
	435-442-455-478	
	486-492	
1545	394-429-442-455	152.00
	478-486-492	
1546	394-429-442-455	163.50
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1547	394-429-442-455	162.80
	478-486-492	
1548	394-429-442-455	174.30
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1552	394-429-442-455	212.00
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1554	394-429-442-455	222.00
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1561	394-429-435-455	
	478-486-492	
1562	394-429-435-455	
	478-486-492	
1565	394-429-435-455	
	478-486-492	
1566	429-435-442	103.40
	455-495	
1570	429-435-442	168.40
	455-495	
1585	429-435-442-455-495	
1588	429-435-442-455-495	
1597	394-413-420-429	91.00
	435-442-455-478	
	486-492	
1598	394-413-420-429	111.00
	435-442-455-478	
	486-492	
1599	394-413-420-429	133.00
	435-442-455-478	
	486-492	
1841	497	
1842	497	
1843	497	
1850	497	
1862	490-491-492	0.38
	493-497	
1863	490-491-492-494	0.40
	495-496-497	
1864	490-493-497	0.20
1865	490-491-492	0.38
	493-497	
1870	497	3.72
1871	497	4.02
1872	497	10.10
1880	472-478-486	0.30
1902	590-592	0.07
1904	590-592	0.05
1905	590-592	0.15
1906	592	0.28
1908	592	0.17
1909	429-435-442	128.00
	455-495	
1910	429-435-442	193.00
	455-495	
2510	401-490	
2511	401-490	
2512	401-490	42.60
2513	401-490	49.00
2514	401-491	51.00
2515	401-491	78.00
2516	401-491	61.00
2517	401-492	80.00
2518	401-491	72.00
2519	401-491	
2520	401-491	
2521	401-492	
2600	601	0.11
2601	601	0.11
2604	601	0.11
2606	599	0.19
2611	601	0.29
2612	601	0.29
2620	599	0.25
2628	599	0.95
2633	599	1.05
2635	599	1.20
2640	599	1.30
2660	163	0.48
2661	163	0.74
2662	163	0.68
2664	163	0.62
2665	163	0.78
2666	163	1.15
2667	163	1.18
2669	163	0.97
2670	163	1.10
2672	163	1.51
2674	163	1.34
2675	163	1.05
2677	163	1.58
2678	163	1.17
2679	164	1.91
2681	164	2.80
2682	164	1.99
2683	164	2.77
2685	164	3.67
2686	164	3.22
2687	164	2.84
2689	160	0.46
2690	160	0.72
2691	160	0.66
2693	160	0.60
2694	160	0.74
2695	160	1.11
2696	160	1.16
2698	160	0.94
2728	229	3.53
2729	229	1.73
2730	229	2.50
2918	270	0.12
2919	270	0.21
2920	270	0.20
2921	270	0.25
2922	270	0.63
2923	270	0.79
2924	270	0.16
2925	270	0.50
2926	270	0.79
2931	187-191-198	0.09
2932	198	0.13
2933	187-191-198	0.04
2934	191-198	0.10
2935	187-191-198	0.04
2943	198	0.10
2944	187-191-198	0.03
2945	187-191-198	0.04
2946	191-198	0.10
2947	187-191-198	0.03
2948	187-191-198	0.04
2949	191-198	0.10
2950	160	1.05
2952	160	1.47
2954	160	
2955	160	1.06
2957	160	1.60
2958	160	1.18
2959	161	1.93
2961	161	2.82
2962	161	2.01
2963	161	2.80
2965	161	3.88
2966	161	3.12
2967	161	2.80
2992	165	
2993	165	
2994	165	
2995	165	
2996	165	
2997	165	
2998	162-165	
2999	162-165-335	0.06
3006	314	8.00
3010	314	7.65
3028	350	4.54
3040	280	4.89
3041	280	4.89
3042	280	4.89
3051	229	1.56
3052	229	2.20
3065	350	9.41
3125	317	14.90
3126	317	15.45
3127	317	15.00
3128	317	15.55
3150	209	8.45
3151	209	1.26
3152	209	1.43
3153	209	1.68
3160	209	3.10
3161	209	3.10
3184	229	3.06
3186	270	3.13
3187	270	2.93
3190	270	2.93
3191	270	3.13
3192	270	3.77
3193	270	3.17
3194	270	2.96
3197	270	2.96
3198	270	3.17
3199	270	3.81
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3232	208	1.15
3233	208	1.40
3236	208	1.30
3252	208	2.82
3253	208	2.82
3255	267	6.25
3256	267	6.25
3257	267	5.25
3259	267	5.25
3300	104	1.14
3301	104	1.22
3302	104	1.06
3303	104	1.22
3304	104	1.23
3305	104	1.22
3306	104	1.09
3343	104	1.01
3344	104	1.02
3345	104	1.07
3346	104	1.07
3347	104	1.02
3348	104	1.02
3349	104	0.82
3359	104	2.95
3360	104	3.04
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3372	267	6.90
3377	267	6.25
3378	267	5.25
3382	267	6.60
3383	267	5.60
3393	267	5.90
3394	267	6.90
3395	267	6.25
3396	267	5.25
3397	267	6.60
3398	267	5.60
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3571	107	1.08
3572	107	1.13
3573	107	1.15
3574	107	1.16
3575	107	1.08
3576	107	1.08
3577	107	1.16
3585	107	1.08
3586	107	1.09
3587	107	1.14
3588	107	1.14
3589	107	1.09
3590	107	1.09
3591	107	1.14
3592	107	3.02
3593	107	3.11
3595	104	1.01
3598	104	1.05
3604	302	6.90
3619	302	10.80
3630	302	6.90
3632	302	10.50
3633	302	12.60
3649	302	10.50
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3865	104	1.26
3866	104	1.10
3867	104	1.33

Code/page reference

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3912	104	1.06
3913	104	1.11
3923	104	2.99
3924	104	3.08
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3928	101	0.90
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4252	154	3.25
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4302	319	
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4306	319	
4327	319	
4332	319	
4334	319	
4337	319	6.95
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4350	319	
4353	319	
4354	319	
4424	319	
4432	319	17.85
4437	83-89-120-147	0.38
	155-162-165	
4438	147	0.75
4439	147	0.78
4442	319	1.80
4447	319	0.55
4449	319	0.71
4450	319	0.14
4451	319	0.14
4455	319	0.14
4456	319	0.14
4457	317	
4458	317	
4459	317	0.80
4461	314	0.70
4462	319	0.10
4465	83-89-101-113	0.60
	120-147	
4466	83-89-113-120	0.59
	147-155-162-165	
4467	83-89-101-113	0.40
	120-147-155	
	162-165	
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	155-162-165	
4469	83-89-101-120	1.70
	147-155-162-165	
4470	83-89-101	2.55
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	155-162-165	
4472	83-89-101-120	1.70
	147-155-162-165	
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	120-147	
4474	120	1.55
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4476	120	1.95
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	146-148	
4492	401-619-684	0.24
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4494	120	0.03
4495	120	0.09
4496	120	0.04
4497	113-117-120	0.04
	146-148	
4498	120-146-191-198	0.10
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4579	280	
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4590	251	
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4663	101	1.09
4664	101	1.09
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4804	220	1.25
4805	220	1.25
4812	207	1.18
4813	207	1.30
4814	221	1.47
4815	221	2.09
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4827	207	1.95
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4871	207	0.78
4872	207	0.98
4873	207	1.18
4874	207	1.18
4900	208	0.86
4901	208	1.26
4902	208	1.46
4903	208	1.46
4916	208	1.46
4923	208	2.23
4924	208	2.23
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5007	352	3.30
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5015	346	0.77
5018	255	2.64
5019	255	2.64
5020	255	3.43
5030	346	2.12
5031	346	2.12
5046	350	4.85
5047	350	6.25
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5068	350	9.00
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5070	350	5.85
5096	346	2.17
5099	346	1.45
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5152	280	2.64
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5154	280	3.59
5155	280	2.80
5179	230	2.40
5180	230	4.10
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5182	230	2.70
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5205	343	0.63
5206	343	0.73
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5321	335	4.65
5322	335	6.60
5324	335	3.31
5326	335	5.50
5328	335	7.42
5329	335	7.18
5342	346	2.10
5343	346	3.20
5344	346	0.90
5353	346	1.67
5354	346	2.50
5400	346	3.40
5401	346	4.80
5423	341	1.35
5424	341	1.00
5426	341	1.35
5428	341	1.35
5430	341	1.35
5435	341	1.74
5436	341	1.79
5437	341	1.96
5438	341	2.01
5439	341	1.33
5444	341	1.74
5445	341	1.79
5446	341	1.96
5447	341	2.01
5452	341	1.74
5453	341	1.79
5454	341	1.96
5455	341	2.01
5460	341	1.74
5461	341	1.79
5462	341	1.96
5463	341	2.01
5474	331	0.80
5475	331	0.85
5476	331	0.70
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5480	331	
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5504	527-530	
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5506	527-530	0.01
5507	527-530	0.01
5508	527	0.07
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5510	527	0.13
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5527	527	0.09
5554	527	0.08
5561	527	0.14
5568	341	
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5571	518-527	0.22
5572	527	0.26
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5577	518-527	1.00
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5581	83-86-89-120	0.10
	125-127-131-138	
	147-148-155-157	
	162-165-694	
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	147-148-155-157	
	162-165-694	
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	125-127-131-138	
	147-148-155-157	
	162-165-694	
5585	83-86-89-120	0.20
	125-127-131-138	
	147-148-155-157	
	162-165-694	
5586	83-86-89-120	0.36
	125-127-131-138	
	147-148-155-157	
	162-165-694	
5586	147-148-155-157	
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5587	83-86-89-120	0.36
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5589	527	0.57
5590	527	0.70
5591	527	0.80
5594	527	0.04
5595	406-624	0.05
5596	406-624	0.36
5614	471-563	7.60
5615	464-472	4.95
5616	471-563	7.20
5617	464-472	5.70
5618	471-564	10.30
5619	464-472	7.40
5620	471-564	8.50
5621	464-472	7.00
5622	564	17.20
5623	564	17.20
5624	564	17.20
5625	690	2.00
5632	665	2.52
5633	665	2.30
5634	665	1.98
5635	665	2.71
5636	665	2.62
5650	471-563	7.60
5651	471-563	7.60
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5653	471-563	7.60
5654	471-563	7.60
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5659	471-564	10.30
5660	471-564	10.30
5666	471-564	10.30
5667	564	17.20
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5669	564	17.20
5670	564	17.20
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5673	564	20.20
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5676	464-472	4.95
5683	464-472	7.40
5684	471-563	7.60
5685	464-472	7.60
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5687	665	5.21
5688	665	4.89
5689	665	5.62
5690	665	5.53
5734	690	2.50
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5801	307	3.05
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5803	307	3.05
5806	307	2.58
5807	307	3.05
5808	307	2.02
5810	307	2.13
5813	307	4.57
5814	307	3.49
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5820	307	2.87
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5826	307	3.03
5827	307	3.02

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5895	308	3.20
5896	308	3.15
5897	308	2.65
5898	308	2.60
5899	308	3.20
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5902	530	1.07
5903	530	1.52
5904	530	1.95
5905	530	2.37
5913	530	0.07
5914	530	0.13
5915	530	0.19
5916	530	0.26
5917	530	0.30
5925	513-523-530	0.01
5926	523-530	0.02
5927	558	0.19
5928	558	0.32
5929	558	0.80
5930	558	0.95
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5933	641	0.83
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5937	565	0.36
5938	565	0.52
5939	565	0.85
5940	565	0.40
5941	565	0.50
5942	565	0.80
5943	565	0.38
5944	565	0.54
5945	565	0.80
5949	564	0.01
5951	564	1.90
5952	565	0.14
5953	565	0.26
5954	565	0.72
5956	471	21.70
5958	472	17.24
5960	472	12.68
5965	471	21.13
5966	472	15.70
5968	472	11.15
5970	471	25.88
5972	472	18.60
5974	472	13.12
5978	471	
5979	472	17.06
5980	472	11.58
5981	465	4.90
5982	465	6.70
5983	465	3.20
5984	465	2.75
5985	465	5.35
5987	465	8.10
5989	465	13.40
5994	465	3.20
5997	590	0.59
5998	590	1.21
6000	233	0.01
6001	233	0.02
6002	694	
6012	477-485-564	1.55
6013	477-485-564	1.60
6014	478-486-548-564	6.25
6015	478-486-548-564	9.45
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6017	105	0.09
6020	105	0.10
6021	105	0.10
6024	95-101-105	1.10
6025	96-105	1.05
6029	95-101-105	2.15
6030	95	2.65
6031	96-105	2.25
6035	105	0.09
6036	105	0.10
6037	105-107	0.06
6038	105-107	0.13
6039	105-107	0.13
6040	105	0.13
6041	105	0.13
6042	105	0.07
6043	105	0.16
6044	105	0.16
6045	105	0.16
6046	105	0.63
6065	241	0.24
6066	241	0.47
6067	241	0.94
6068	241	1.41
6077	241	0.03
6078	241	0.07
6079	241	0.06
6091	233	0.25
6092	233	0.07
6093	241	0.50
6095	105	0.17
6096	105	0.47
6107	465	4.90
6108	465	6.70
6109	465	3.20
6110	465	2.75
6111	477-485-564	0.95
6112	477-485-564	1.00
6113	477-485	2.45
6114	477-485	4.40
6115	477-485	0.60
6116	477-485	2.35
6117	477-485	4.30
6118	477-485	0.55
6119	477-485	0.10
6120	454	1.70
6121	454	1.64
6122	454	3.70
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6130	454	8.90
6131	454	13.80
6132	454	2.17
6134	398-428-434-459	1.22
6135	454	13.52
6136	563	4.57
6137	464-563	4.57
6138	464-563	4.57
6139	464-563	4.57
6140	563	4.57
6141	464-563	4.57
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6143	464-563	4.57
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6148	464-563	4.57
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6157	428	6.20
6158	428	9.70
6159	428-434	5.50
6160	428-434	1.80
6161	393-428	2.20
6162	393-428	2.50
6163	393-428	
6164	393-428	
6165	428-434	4.00
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6167	564	
6168	564	
6169	564	
6171	564	
6172	564	
6173	477-564	
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6250	299	7.20
6251	299	7.50
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6277	104	1.07
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6279	104	1.06
6280	104	1.10
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6295	308	2.65
6314	233	0.34
6315	233	0.36
6316	233	0.38
6317	233	0.42
6327	233	0.09
6328	233	0.11
6329	233	0.12
6330	233	0.14
6334	233	0.15
6335	233	0.15
6336	196	0.61
6337	196	0.67
6338	196	0.67
6341	196	0.60
6342	196	0.60
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6344	196	1.18
6345	196	1.18
6346	196	1.18
6347	196	1.00
6348	196	1.00
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6350	197	1.39
6351	197	1.62
6352	197	1.30
6353	197	1.42
6354	197	1.42
6355	197	3.25
6356	197	2.93
6357	197	1.89
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6360	197	2.62
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6387	223	0.86
6389	223	1.30
6390	223	0.92
6391	223	0.75
6392	223	0.64
6393	223	1.80
6394	223	0.85
6395	223	0.85
6398	190	0.75
6401	190	0.75
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6406	190	1.45
6407	190	1.55
6408	190	1.55
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6410	190	1.25
6413	190	1.60
6415	190	1.70
6418	190	1.80
6419	190	1.80
6420	190	2.50
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6424	223	0.45
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6429	196	1.00
6430	197	1.39
6460	190	
6461	190	
6462	190	
6475	186	0.73
6476	186	0.73
6477	186	0.73
6480	186	0.85
6481	186	0.85
6482	186	1.25
6483	186	1.25
6485	186	1.38
6486	186	1.38
6487	186	1.40
6488	186	1.40
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6605	275	4.68
6606	275	4.26
6608	275	4.37
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6612	275	4.84
6613	275	4.37
6615	275	4.87
6616	275	4.07
6618	275	2.14
6619	275	2.13
6620	275	2.13
6621	275	3.33
6622	275	3.33
6623	275	3.33
6624	275	1.80
6625	275	2.70
6626	275	5.35
6627	275	6.70
6647	235	2.62
6648	235	3.25
6649	235	4.87
6650	235	6.49
6651	235	4.23
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6654	235	4.23
6657	235	6.05
6666	235	2.62
6667	235	3.25
6668	235	4.87
6669	235	6.49
6670	235	4.23
6671	235	6.00
6673	235	4.23
6676	235	6.05
6677	273	5.26
6678	273	4.84
6679	273	5.26
6680	273	4.84
6681	273	5.31
6682	273	4.89
6691	273	5.42
6692	273	4.95
6693	273	5.42
6694	273	4.95
6736	327	2.80
6737	327	3.50
6738	327	2.40
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6740	327	3.50
6741	327	2.80
6742	327	3.50
6743	327	2.70
6744	327	3.40
6745	327	2.70
6746	327	3.40
6748	327	4.30
6749	327	4.75
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6765	321	
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6769	275	3.33
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6773	237	2.94
6774	237	3.92
6775	237	0.98
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6777	237	2.94
6778	237	3.92
6779	239	1.05
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6781	239	3.15
6782	239	4.20
6783	239	1.05
6784	239	2.10
6785	239	3.15
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6814	276	1.62
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6816	276	0.80
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6823	276	0.75
6824	276	0.60
6826	302	0.11
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6829	187-191-198	0.01
6830	191-198	0.03
6831	187-191-198	0.09
6832	187-191-193-198	0.16
6833	187-191-193-198	0.03
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6844	187-199	0.02
6845	187-199	0.02
6846	199	0.05
6847	199	0.05
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	198-203-210-215	
	217-219-220-221	
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6862	187-191-193-198	0.07
6863	187-191-193-198	0.12
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6876	235	0.21
6877	235	0.32
6878	684	0.09
6879	548-619-684	0.04
6880	401-619-684	0.06
6881	548-684	0.05
6910	146	0.01
6926	105	0.14
6930	105	0.20
6936	146-148	0.01
6938	601	0.27
6939	601	0.14
6940	601	0.02
6941	599-601	0.50
6942	599	0.36
6943	599-601	0.14
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6945	599	0.40
6946	599	0.19
6947	599	1.10
6948	599	0.80
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6952	599	0.62
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7038	650	1.16
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7040	688	2.99
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7078	688	1.79
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7143	612	0.56
7160	592	1.89
7162	592	1.38
7163	592	4.28
7164	592	4.74
7167	592	3.49
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7170	592	3.06
7172	592	4.77
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7196	592	2.45
7197	592	
7199	592	4.28
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7334	557	2.05
7335	557	2.00
7336	557	2.45
7337	557	2.45
7338	557	1.15
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7353	557	2.23
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7356	557	2.53
7357	557	1.43
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7366	533	4.90
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7380	568	6.90
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7392	568	4.20
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7582	650	
7584	650	
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7593	557	3.87
7594	557	3.88
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7878	530	1.85
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7880	530	4.31
7881	530	5.60
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8000	127	0.22
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	146-148-165-233	
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8742	125-127	0.30
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8766	155-157-231	0.02
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	223-225	
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8786	169-210-223	0.07
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8817	156	0.80
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8837	156	1.07
8839	156	1.70
8841	157	2.10
8855	152	0.62
8857	152	0.78
8859	152	1.35
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8875	152	0.85
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8879	153	1.90
8881	154	2.79
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	198-203-210-215	
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8988	237	0.46
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9119	267	0.22
9120	267	0.50
9121	267	0.40
9142	280	0.21
9151	267	0.79
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9158	235	0.71
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9171	280	0.20
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9186	235	0.04
9187	235	0.07
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9401	327	1.07
9402	327	1.15
9403	327	0.08
9405	169-223	0.03
9408	327	1.44
9409	327	0.30
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9412	327	0.10
9413	327	1.17
9415	169-223	0.03
9421	327	0.09
9422	327	1.54
9423	327	0.40
9425	169-223	0.04
9431	327	1.34
9432	327	1.79
9433	169-223	0.03
9435	169-223-225	0.11
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9439	332	0.60
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9445	332	0.34
9448	223	0.02
9463	169-223-225	0.13
9490	223	0.05
9491	223	0.16
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9495	191	
9498	299	0.22
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9513	210	0.06
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9517	187-191-198	0.04
9518	198	0.10
9519	120	0.30
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9534	210	0.14
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9537	120-146-191	0.09
	198-210	
9538	187-191-198-210	0.03
9539	113-210-220	0.15
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9541	187-191-198-210	0.02
9542	210	0.11
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9636	46	0.15
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9639	532-605-611	0.15
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ADT4	639	
ADT5	639	
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B862	530	5.79
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MX78	215	0.03
MX79	215	0.03
MX80	76-296	0.11
MX81	76-296	0.07
MX82	177	
MX83	177	
MX84	177	
MX85	177	
MX90	177	
MX91	177	
MX92	177	
MX93	177	
MX94	177	
MX95	177	
MX96	177	
MXA6	177	
MXA7	177	
MXA8	177	
MXB4	187-193-198	
MXB7	177	
MXB8	177	

Code/page reference

code	page	weight kg
MXB9	177	
MXC0	177	
MXC1	177	
MXC2	177	
MXD8	177-187-193-198	
MXD9	177	
MXE0	177	
MXF0	177	
MXF1	177	
MXF2	177	
MXF3	177	
MXF4	177	
MXF5	177	
MXF6	177	
MXF7	177	
MXF8	177	
MXF9	62-543-669	0.11
MXG0	215	
MXG1	146	
MXG2	694	
MXG3	155-157-162	0.02
	165-231	
MXG4	155-157-162	0.02
	165-231	
MXG5	155-157-162	0.02
	165-231	
MXG6	113-117	
MXG8	187-193-199	
MXG9	187-193-199	
MXH0	187-193-199	
MXH1	187-193-199	
MXH2	187-193-199	
MXH3	187-193-199	
MXH9	210	
MXI0	210	
MXI1	210	
MXI2	210	

code	page	weight kg
MXI3	210	
MXI4	210	
MXJ3	76	
MXJ4	75	
MXJ5	75	
MXJ6	75	
MXJ7	75	
MXJ8	75	
MXJ9	75	
MXK0	75	
MXK1	75	
MXK2	75	
MXK3	362	
MXK4	362	
MXK5	362	
MXK6	362	
MXK7	362	
MXK8	362	
MXK9	362	
MXL0	362	
MXL1	362	
MXL2	362	
MXL3	362	
MXL4	362	
MXL5	362	
MXL6	362	
MXL7	362	
MXL8	362	
MXL9	362	
MXM0	362	
MXM1	362	
MXM2	362	
MXM3	362	
MXM4	362-363	
MXM5	362	
MXM7	292	
MXM8	292	

code	page	weight kg
MXM9	292	
MXN0	292	
MXN1	292	
MXN2	292	
MXN3	292	
MXN4	292	
MXN5	75	
MXN6	75	
MXN8	362	
MXP6	362	
MXQ0	182	
MXQ1	182	
MXQ2	362	
MXQ3	363	
MXQ4	363	
MXQ5	363	
MXQ6	363	
MXQ7	363	
MXQ8	363	
MXQ9	363	
MXR1	357	
MXR2	357	
MXR3	357	
MXR4	357	
MXR5	357	
MXR6	357	
MXR7	357	
MXR8	357	
MXR9	357	
MXS0	357	
MXS1	357	
MXS2	357	
MXS3	357	
MXS4	339	
MXS5	339	
MXS6	339	
MXS7	339	

code	page	weight kg
MXS8	339	
MXS9	339	
MXT0	339	
SD75	342	0.86
SD76	342	1.87
SH35	325	4.63
SH36	325	4.12
SH37	325	4.74
SH38	325	5.96
SH39	325	6.23
SM05	323	1.88
SM06	323	4.46
SM07	323	2.68
SM08	323	5.99
SM09	323	3.65
SM10	323	3.45
SM11	323	1.56
SM12	323	4.14
SM13	323	2.36
SM14	323	5.80
SM15	323	3.47
SM16	323	3.26
SM17	323	5.43
SM18	323	5.25
SP07	147	0.53
SP41	347	0.15
SP46	347	0.19
SP51	347	0.14
SP52	347	0.14
SP54	347	0.18
SP55	347	0.18
SP79	347	0.35
SP81	347	0.33
T415	639	
X000	659-663	
X001	543-646	
X002	407	

code	page	weight kg
X003	407	
X004	407	
X005	407	
X009	619	
X010	513	
X011	513	
X012	513	
X013	513	
X014	513	
X015	513	
X016	513	
X017	513	
X018	513	
X019	659-663	
X020	659-663	
X021	659	
X022	659	
X023	629	
X024	629	
X025	631	
X026	631	
X027	631	
X028	631	
X029	631	
X030	631	
X031	631	
X032	631	
X033	631	
X034	631	
X035	631	
X036	631	

Colours

A1	Grey / nitric
A5	Chrome / nitric
B5	Grey / white
B6	Grey / transparent
B7	Nitric / transparent
C1	Black / nitric
D6	Dark grey / aluminium
D7	Cyan

D8	White / transparent
D9	White / nitric
E1	Grey / black / aluminium
G16	Anthracite grey
00	Indeterminate
01	White
02	Orange
04	Black

05	Red
06	Yellow
07	Green
09	Sky blue
10	Chrome
12	Aluminium
13	Steel
14	Brass

15	Grey
16	Blue
21	Clear and satin
24	Clear transparent
26	Magenta
38	Opal
39	White / alluminium
40	Black / alluminium

41	White / brass
43	Black / black
47	White / black
65	Nitric
73	Grey / yellow
74	Grey / black
78	Grey / alluminium
86	Dark metallic grey

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Our complete range of indoor and outdoor light fittings are presented in this catalogue.
A general description of each system is provided followed by a brief description of the fittings in the system with their codes.
Dimensions are expressed in millimetres.

All the light fittings presented in this catalogue have been designed and produced according to Italian CEI 34-21 Regulation unified to European EN 60598-1 regulations, which in turn correspond to international IEC-598-1 regulations.

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iGuzzini reserves the right to discontinue any products from its collection at any time whatsoever and without prior notice, without prejudice to the essential characteristics of the models described; iGuzzini also reserves the right to make technical and photometric modifications as well as to change any parts, details or finishes deemed suitable for improvement purposes or due to construction and commercial requirements.
Goods travel at the customer's risk and peril, even those sold franco domicile.

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The pole + product compositions shown in the catalogue are merely indicative, in particular as concerns the wind-thrust stability test, which should be performed based on both the characteristics of the location and the regulations in force.
For installation purposes refer exclusively to the conditions described in the instruction sheet included in the product package and/or on the Web site www.iguzzini.com

The data and information contained in these pages is to be considered indicative and non-binding.
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These conditions shall apply from 01.01.2014

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In order to guarantee operation and safety, public boards have established specific standards which protect the end user against risks.
iGuzzini illuminazione in line with its policy of quality and safety, makes products which comply to these standards.The non-electrified components of the system (such as cover plates, couplings, etc.) cannot be considered as lighting fixtures and therefore are not included in the standards used by the Quality Seal Institutes for their classification.
However, all the components of the certified systems have been tested by the said Institutes to ensure compatibility and safety.
The luminaires in the iGuzzini collection are designed in conformance with European standards EN 60598-1 and more specific ones, therefore meeting these requirements in full, including the maximum temperatures allowed and considering the ambient temperature to be 25°C.
Please contact the company in case of countries or applications with especially severe temperature requirements (i.e. fluorescent luminaires in low temperature areas, LED luminaires in high temperature areas, etc.) or different microclimatic features (i.e. swimming pools, explosion-risk zones, etc.).
For the correct installation of the luminaires, always consult the instruction sheet provided with the product.

Guarantee

iGuzzini warrants that their products are free from any defect in manufacturing and/or material in case of proper use, for a period of five years from the date of the invoice prior to online registration at www.iguzzini.com and acceptance of specific conditions. In any case, iGuzzini recognises the warranty rights foreseen by the law.

Information

For enquiries, remarks and service needs, please contact the reference company for your geographical area (see details in this catalogue).

Icons

- luminaire angle relative to the horizontal plane
- luminaire rotation about the vertical axis
- graduated scale and mechanical aiming lock
- adjustable optic
- double adjustability of the optics
- floor-flush luminaire
- static load resistance
- temperature of contact
- luminaire reduced height
- millimetric regulation of suspension cables
- high output
- adjustment of light beam opening
- IGBT technology
- emergency lighting
- RGB versions
- Real White versions
- White Tuning versions
- Opti Beam high-performance reflectors
- Opti Smart
- separate switching
- double starting
- luminaires ideal for interiors with video terminals
- installation without tools
- dimmable luminaire
- floor washer
- indicator lighting
- impact resistance
- presence detector
- color rendering index >80
- multiwatt ballasts
- compatibility with light management system
- lighting management systems for single-environment
- lighting management systems for multi-environment
- dimmable using standard controls for fluorescent lamps
- dimmable using standard controls for LEDs
- preconfigured light management systems
- preset light management systems
- compatibility with DALI protocol
- compatibility with DMX protocol
- compatibility with KNX protocol
- compatibility with LON protocol
- class II, set up for Class I
- no upward emission of the light flow
- no photobiological risks
- luminaires with high visual comfort
- replaceable driver unit and control gear
- replaceable LED unit
- operation in extreme conditions
- self learning driver
- CLO Optimizer
- bi-energy systems
- twilight photocell
- daylight sensor
- time programming
- spike protection
- telemanagement
- 0-10 volt

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03

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