iGuzzini

2013-14 Internal lighting systems

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03

For the ENEC mark
refer to the download area
at catalog.iguzzini.com

5 YEARS WARRANTY

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.

China National Museum
Beijing - China

Completed in 1959 as one of the ten major public buildings in Tiananmen Square, close to the Forbidden City, the museum is still a milestone in the history of modern Chinese architecture. The current architectural shape of the space, defined by GMP Architects, is a contemporary interpretation of traditional elements of Chinese buildings. To light the communal areas of the Museum iGuzzini produced a specially devised luminaire designed by conceptlicht.

Design: Meinhard von Gerkan and Stephan Schütz with Stephan Rewolle and Doris Schäffler.

Lighting project:
conceptlicht GmbH- Helmut Angerer
Photo: Christian Gahl

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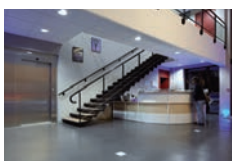	**Wall/ceiling/floor luminaires**	537
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iGuzzini

iGuzzini illuminazione was established in 1959 with the name Harvey Creazioni to make enamelled copper objects and decorative lamps.
Today, under the guidance of company chairman Adolfo Guzzini and CEO Antonio Santi, it is an international leader in the production of luminaires for indoor and outdoor architectural lighting. In Recanati, Italy, the company headquarters, factory and logistics centre extend over a 150,000 square metre area.
Together with Teuco Guzzini, bathroom - water experience sector, and F.lli Guzzini, housewares-kitchenware-tableware sector, it forms Gruppo Guzzini and is part of Fimag, the family holding company.

For more than three decades the company has striven to spread and promote the culture of light through training for designers, architects and operators, even carried out by means of meetings with experts, famous lighting designers such as Luigi Manzoni, Van Malotki, Louis Clair, Piero Castiglioni, Tino Kwan.
Innovative luminaires, designed by the very best international designers, energy savings, safety, added value for buildings, enhanced historical and cultural heritage, reduced light pollution: iGuzzini offers all of this to architects and designers for their lighting creations, blending with and suitable for different architectures.
Better light for a better life.

Partners for better light

iGuzzini has branches all over Europe, important sites, meeting places, allowing discussion and comparison, training and information, where architects and designers can find the same level of assistance as at the Italian headquarters: architects, lighting designers, designers and anyone else involved in lighting design are welcome to the premises to find out about the type of light best suited to their projects, lighting design solutions, the most innovative technologies and iGuzzini tools for achieving the desired lighting setup.

iGuzzini China - Shanghai
New premises in Fengxian

Workshop at iGuzzini Headquarters

Workshop at
iGuzzini Spain

iGuzzini Offices, France

New York Showroom

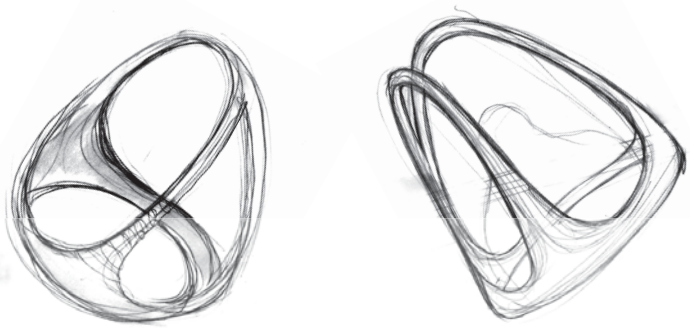
In 2002 iGuzzini perfected a manifesto of the Better Light for a Better Life philosophy which was published in specialist reviews and daily newspapers as part of its advertising campaign. The central idea is that of the need to improve the quality of the environment and therefore the quality of life for ourselves, the people who live in it. In 2004 attention was focused on the need for expert cooperation between individuals: architect, lighting designer, designer and client.

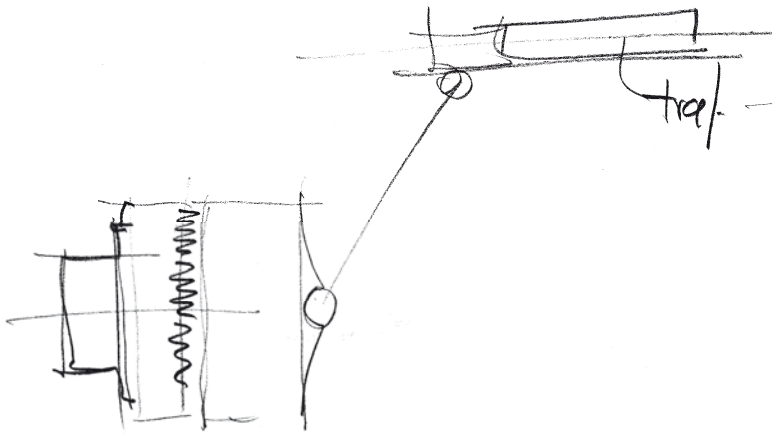
Research and innovation

For iGuzzini design has never been about the pure and simple design of a product understood as the result of an innovation. It has always been the driving force behind an entire innovation process involving various figures and resources and is a factor driving changes in the meanings, language, values and identity of the product as well as of the company itself.
That's why, alongside its cooperation with international designers such as Massimo Iosa Ghini or architects like Renzo Piano for product development we established relationships with partners such as Harvard University, Boston MIT, Rome's "La Sapienza" University and Milan Polytechnic, ENEA - Italian Agency for New Technologies, Energy and Sustainable Development, the Central Institute of Restoration and the Lighting Research Center, Troy (NY).
The company is also a member of ADI, PLDA and INARC.

ADI ASSOCIAZIONE PER IL DISEGNO INDUSTRIALE

PLDA





Many **awards** demonstrate both the value of the design of iGuzzini products and the company's entrepreneurial activities. In 1989 the Compasso d'Oro (Golden Compass) went to Bruno Gecchelin's Shuttle system of spotlights and in 1998 it was presented for Renzo Piano's Nuvola luminaire. In 1991 the Compasso d'Oro was received by Gruppo Guzzini "for developing over time a production and design philosophy which is very consistent, in which the culture of design has been a common denominator and a distinctive element". In 1998 the Guggenheim Prize was awarded in recognition of the company's commitment to Culture and in 2001 iGuzzini received the Leonardo Quality Award.

product design award

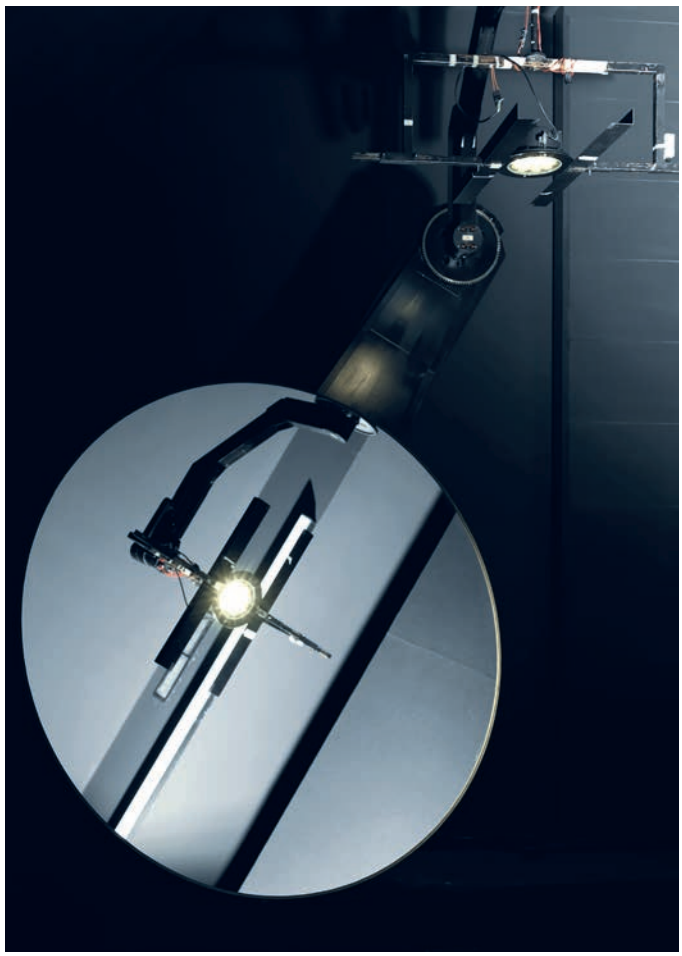
reddot design award
winner 2012

DESIGN INDEX ADI

In 1976 all iGuzzini products were awarded the IMQ mark. 1980 saw the inauguration of the Quality Control and Testing Department, which in 1992 was accredited by IMQ according to the S.M.T. (Supervised Manufacture's Testing) procedure for the issuing of certification. In 1994 the laboratory earned **ISO 9001 Quality System** certification. In 1996 all of the products were approved for the **ENEC mark**. 1997 brought the photometric laboratory IMQ certification for the IMQ-Performance mark. In recent years, as the company took on a more international dimension, the iGuzzini Laboratory was approved by Underwriter's laboratories Inc. to obtain UL certification, and by the China Quality Certification Center for the CCC (China Compulsory Certification) mark. Products must qualify for these marks before they can be marketed in the United States and China respectively.

IP ingress protection rating test

Thermal resistance test



Photometric laboratory

UNI EN ISO 9001

Eco-sustainability

iGuzzini has also promoted top quality architecture, paying special attention to being environmentally friendly.
In 1997 the building designed by Mario Cucinella was erected, the headquarters and the first bioclimatic building in Italy's Marches region.
The iGuzzini illuminazione UK premises, designed by Pier Luigi Copat won the 2008 "excellent" rating in the BREEAM (Building Research, Establishment Environmental Assessment Method) assessment.

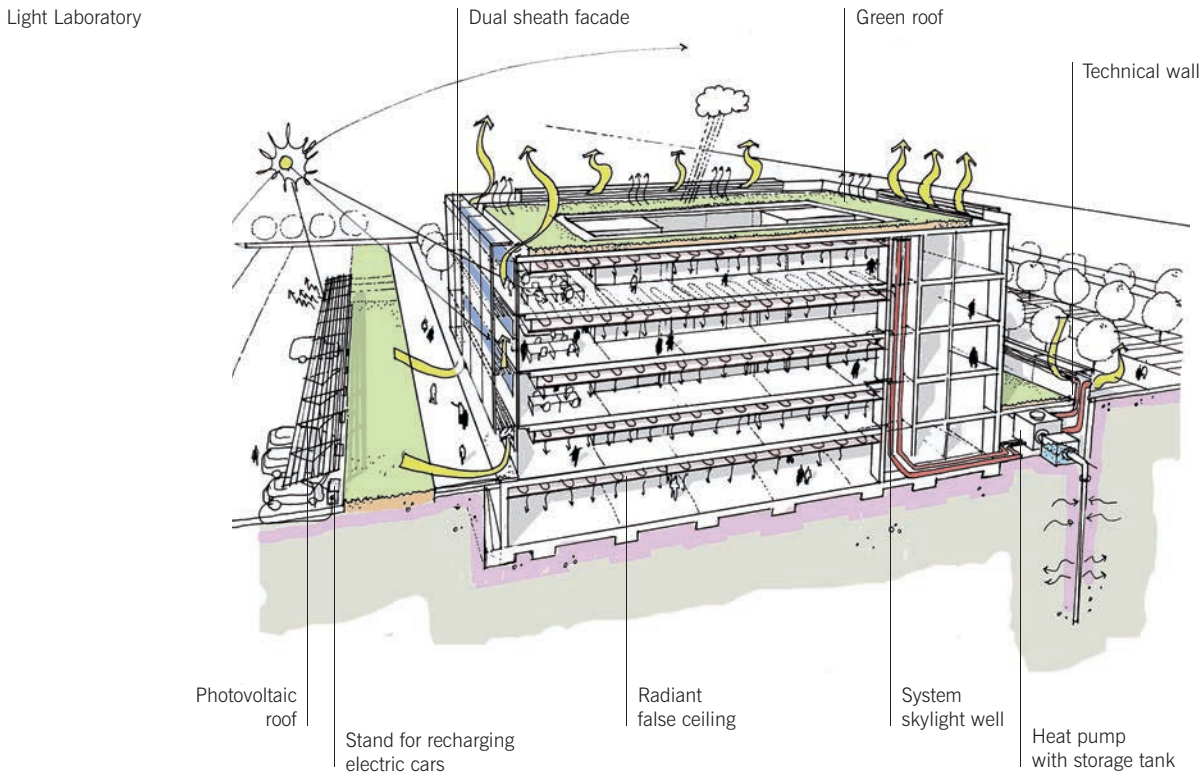
In October 2011 the building designed by Josep Mias for iGuzzini Iberica was unveiled to the public, combining use of material and the integration of natural lighting and ventilation to slash energy consumption.
In 2011 Mias's building was winner of the Archdaily Award for building of the year in the 'Institutional Architecture' category and was selected by the jury of the World Architecture Festival 2012 to compete for the title of best building in the "Office" category.

The last building to go up in the iGuzzini industrial zone, the Light Laboratory, designed by Maurizio Varratta is a building based on technological solutions which cut energy and running costs to such an extent that it scored 3.5 in its Sustainable Building Challenge assessment, on a scale of 1 to 5.
The result was the highest score so far recorded in Italy for an office building.

BREEAM®

iGuzzini UK premises

iGuzzini Spain premises



Even the product must be environmentally friendly and this is achieved by using the most advanced technological solutions for the individual components of the product.

Lamps
Energy saving and high energy efficiency lamps and electronic ballasts increase effectiveness by 10%, reducing the absorption of electricity, at the same time guaranteeing a longer lifetime and improved stability.

Optics
The continuous search for improvements in optics led to the production of super-pure aluminium versions, treated with a multi-layer coating which can increase the light emitted by 15%.

New lamps
Research and testing of new lamps, mainly LEDs, is carried out constantly, in cooperation with the sector's leading suppliers and professionals.

Control systems
Lighting management and control systems for producing artificial light where and when needed, and in the correct quantities, are other tools which guarantee reduced energy consumption.

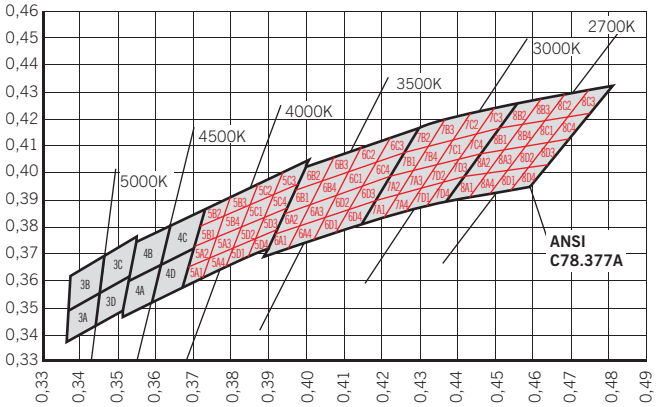
ISO 14000 certification
This demonstrates the company's determination to keep the environmental impact of its production activities under control. Water, methane and electricity consumption are monitored on a monthly basis. Measures have also been implemented to produce a 90% cut in emissions from the painting department. There is 40% differentiated production waste collection. Up to 170 cubic metres of water per day are purified and reused. In 2011 a photovoltaic plant was started up, which is completely integrated in the roof of the four main production structures. The plant's nominal total output is 1599,610 kWp divided into 5 sections. Forecast annual output, according to PVGIS data, is 1,934,790 kWh, which should cover around 25% of production consumption for the Recanati factory.

CSQ
IQNet
UNI EN ISO 14001

Photovoltaic plant at the Recanati headquarters

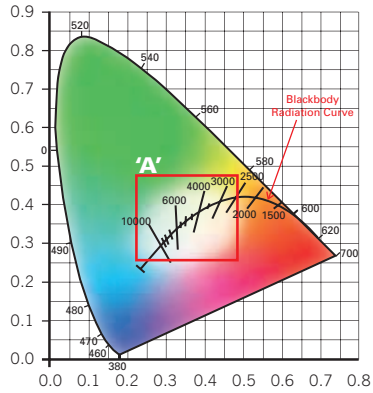
The importance of quality when choosing LEDs

The development process of LED products is complex and delicate. It takes attentive quality controls to produce a fitting that complies with requirements. Therefore iGuzzini has controls at each step of the production process in order to produce fittings with top quality and top performance.



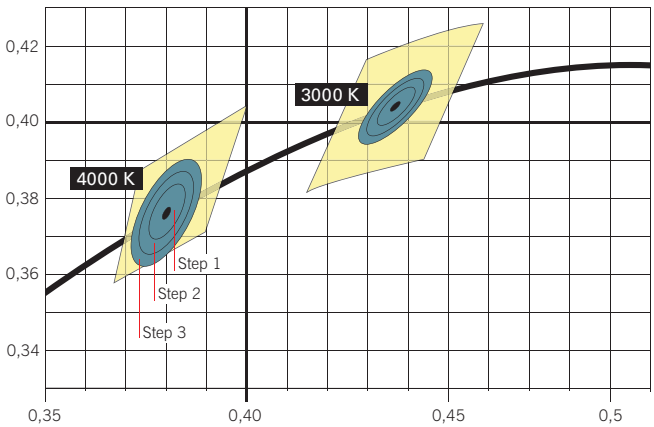
Graphical representation of the BIN structure, split into four parts.
The chart shows the LED White Temperature colours typical of white LEDs: Cool White 6000 K, Neutral White 4000K and Warm White 3000K.

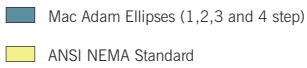
iGuzzini carefully selects the LEDs belonging to a specific BIN quarter so as to always guarantee uniformity, even for plants with mixed products.



CIE 1931 chromatic diagram

Colour stability is defined according to the David MacAdam method. An ellipse identifies a region of the standard chromatic diagramme that contains all colours that are indistinguishable for the human eye, from the colour in the centre of the ellipse (reference colour).
1 step: impossible to perceive a chromatic difference:
2-3 step: difficult to perceive a colour difference;
4 step: perceptible chromatic difference.
iGuzzini luminaires guarantee MacAdam < 3 chromatic rendering. Strict selection criteria for the LEDs used not only guarantees excellent colour uniformity amongst luminaires, but also ensures that this feature lasts for years.





Luminaires which use LEDs are assembled at a constant ambient temperature and with a reduction in electrostatic charges, to ensure that the LEDs have the longest possible lifetime.

An increase in temperature has a negative impact on the quality of light produced by LEDs and their lifetime. That is why the products are fitted with active and passive heat dissipation systems.

Passive dissipation

Active dissipation
20 dB

To ensure optimum light distribution for Light Engine Modules, reflectors made of highly reflective materials such as silver are used.
The set-back position of the lamps guarantees the cut-off effect and prevents glare.
Single Chip models use purpose-designed lenses made using high-tech systems which increase their transparency and refraction capacity.

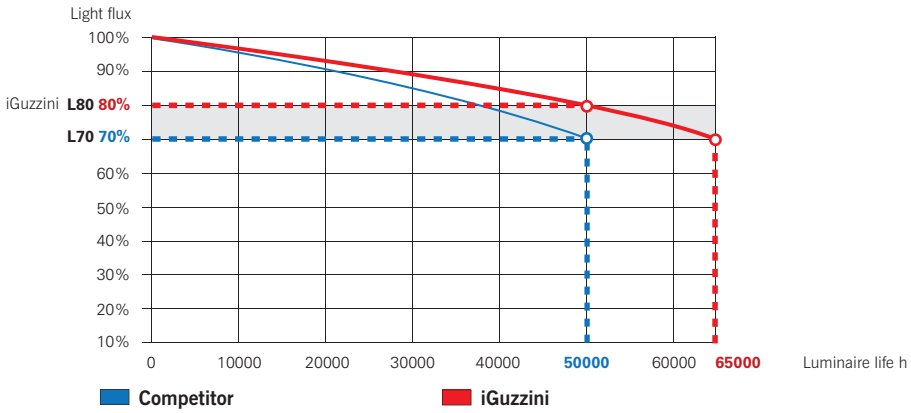
Reflectors made of highly reflective material

Set-back lamp position prevents glare

Single Chip LEDs have purpose-designed lenses

Zhaga The company is a member of the Zhaga Consortium, which promotes the interchangeability of LED lamps for all lighting applications.

The energy efficiency of iGuzzini luminaires, achieved thanks to innovative design technology, allows 80% of the luminous flux (L80) to be preserved after 50000 hours of operation.
The L80 factor affects not only the life of the installation, but also energy consumption and the number of luminaires that are necessary to comply with life expectations.



Online catalogue

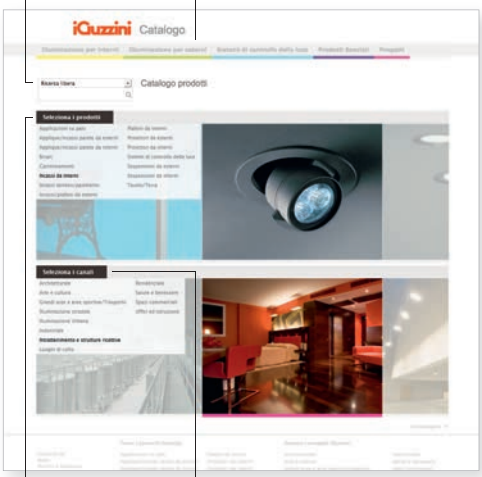
catalog.iguzzini.com

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.

Free search and search by code

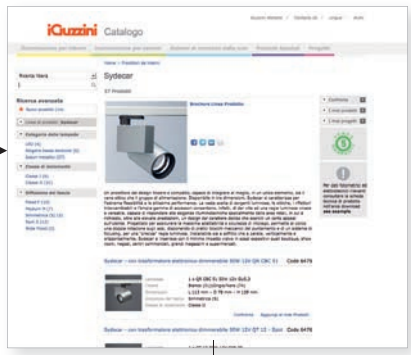
Navigation by sections of the range



Navigation by product type

Navigation by application channel

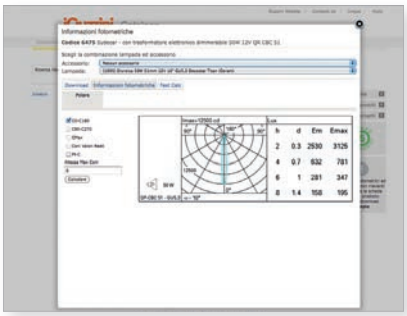
Product data sheet



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.

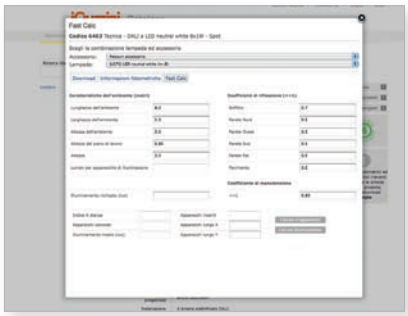
Photometric information



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.

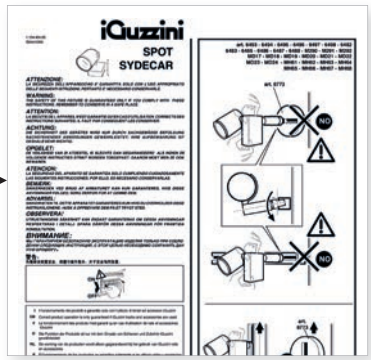
Fast calc



Fast calc is a tool for rapidly calculating the number of luminaires required for the lighting needed or vice versa.

Certification

Installation instructions

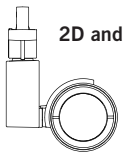


Brochure

Data sheet

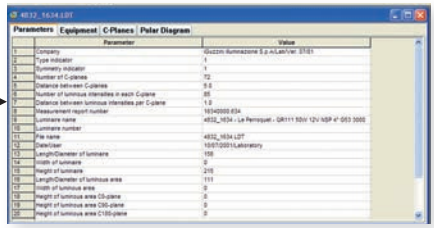
Photometric and electronic values on the data sheet:

- Nominal and total luminous flux
- Nominal and total power
- Intensity
- Cone angles
- Output
- Color temperature



2D and 3D drawings in dwg

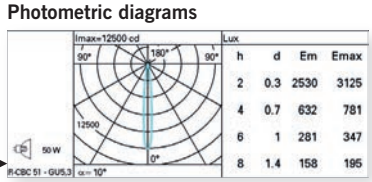
Photometric information



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

Photometric diagrams

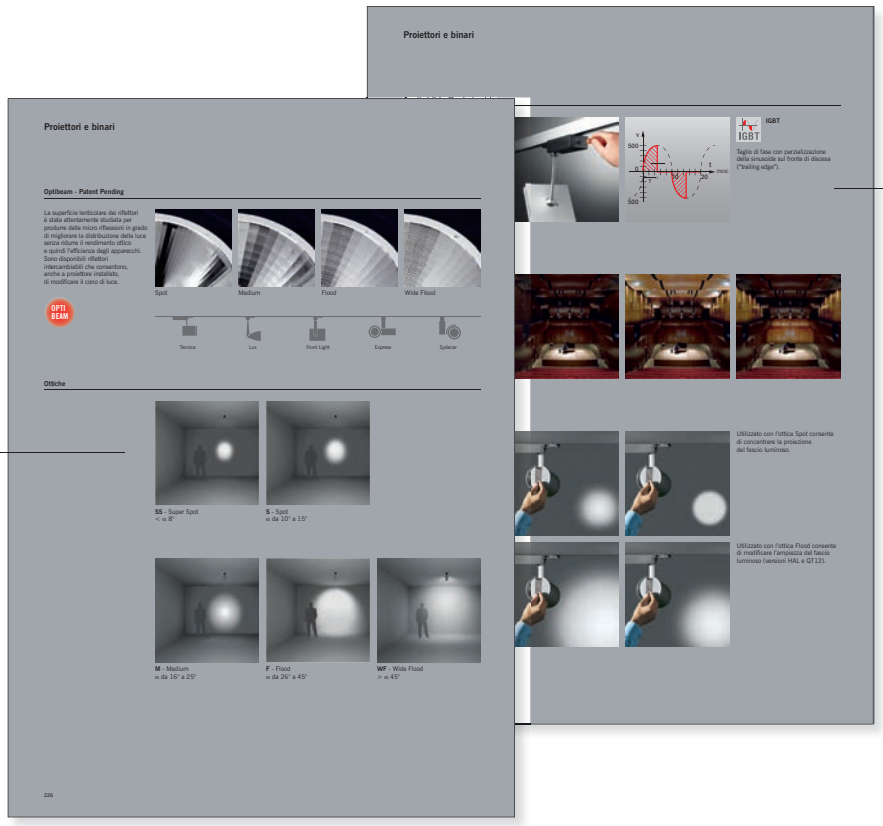


Standard photometric design

Information for the reader

Chapters

Each product category is preceded by introductory pages indicating the common lighting design and technical features using photographs, illustrations and icons, which can be found in the individual products.



Technical features

Optics available by product category

Presentation

Each product is presented using one or more images which show off its design, applications and dimensions. The specific technical features are then illustrated, and the accessories available. The icons summarise further advantages of the luminaire.

Icons

Design

Sizes

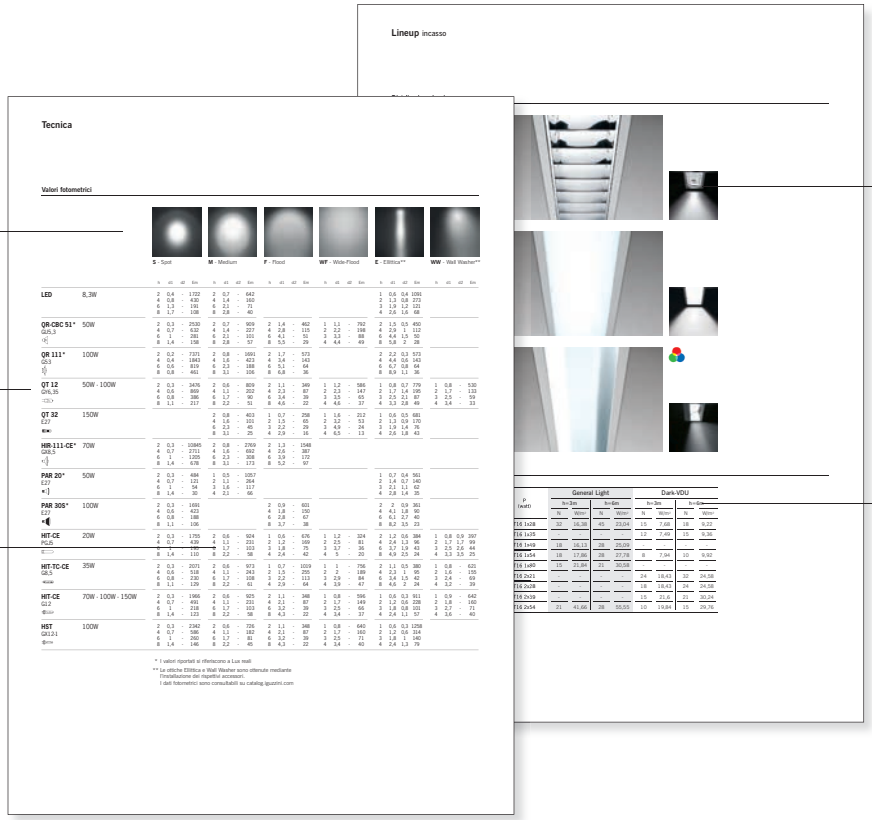
Photometric and lighting design values

The tables show the lamps and power ratings, the optics, the photometric and lighting design values, and the light distribution of the luminaires.

Optics

Light sources

Photometric values

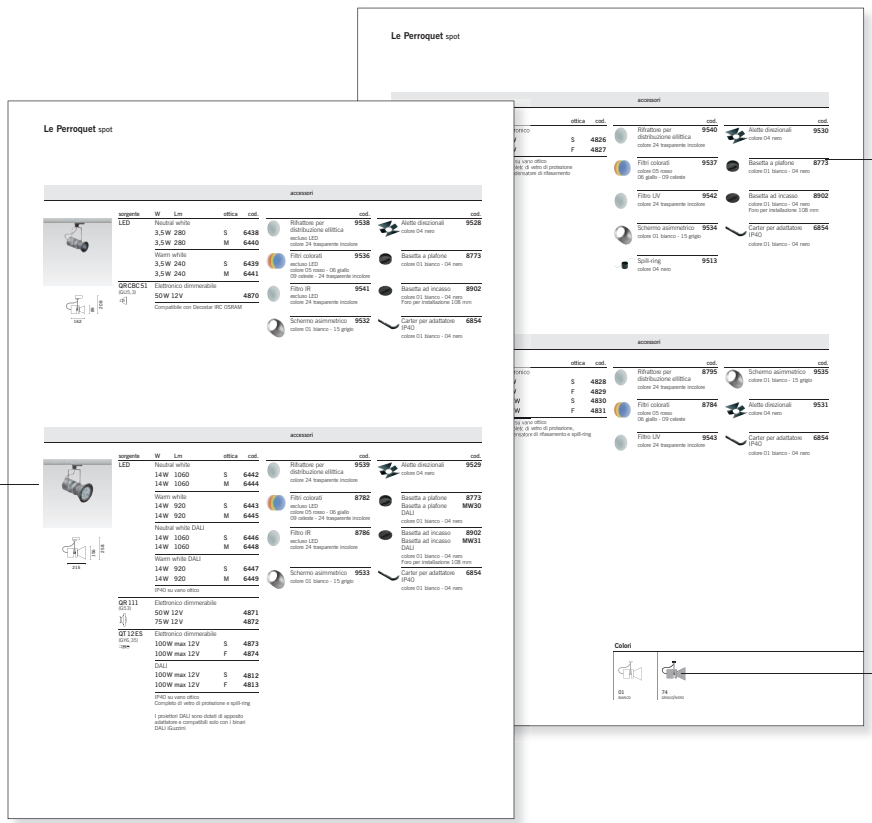


Product code presentation

This section contains the codes, the description of the luminaires and of the accessories for each body size. The colour codes are provided at the bottom of the page.

For LED luminaires, 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 considers the output of the lamps and of the system.

Luminaire



Information for the reader

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 ...m	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 0	With functional insulation, but without double reinforced insulation in every part and without earth connections.
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.

Icons

Legend of product features indicated on the presentation pages for each luminaire.

luminaire angle relative to the horizontal plane

luminaire rotation about the vertical axis

graduated scale and locking device for positioning

millimetric regulation of suspension cables

High output

multiwatt ballasts

adjustment of light beam opening

IGBT technology

time programming

daylight sensor

luminaire reduced dimensions

emergency lighting

version flush with the floor

static load resistance

color rendering index >80

RGB versions

luminaire reduced height

temperature of contact <40°

separate switching

double starting

luminaires with high visual comfort

Opti Beam high-performance reflectors

luminaires ideal for interiors with video terminals

Installation without tools

dimmable luminaire

ground washer

indicator lighting

impact resistance

compatibility with light management system

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

biodynamic light versions

smart card with customised program

lighting management systems for single-environment

lighting management systems for multi-environment

presence detector

Light Management System

Open Systems

24 Master Pro Evo

36 LMS Quick

Preconfigured Systems

44 Biodynamic Quick

48 Light Equalizer

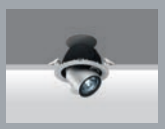
54 Colour Quick

Luminaires designed for preconfigured Light Management Systems

53 iSign

577 Ledplus

154 Deep Laser


175 Express recessed

489 Sivra Compact

493 Lineup ww

594 Ledstrip

Rainbow headquarters - Loreto, Italy

Architectural project: Elisabetta Straffi and Sergio Bianchi - Photo: Giuseppe Saluzzi

Light Management System

The History

Light has always had a fundamental role. And it's on light that iGuzzini has founded its corporate identity and developed its research. 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.
The project demonstrated the importance of correct lighting management in work activities.

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. Sivra is the first concrete result of the investigation, which has continued uninterrupted since then.

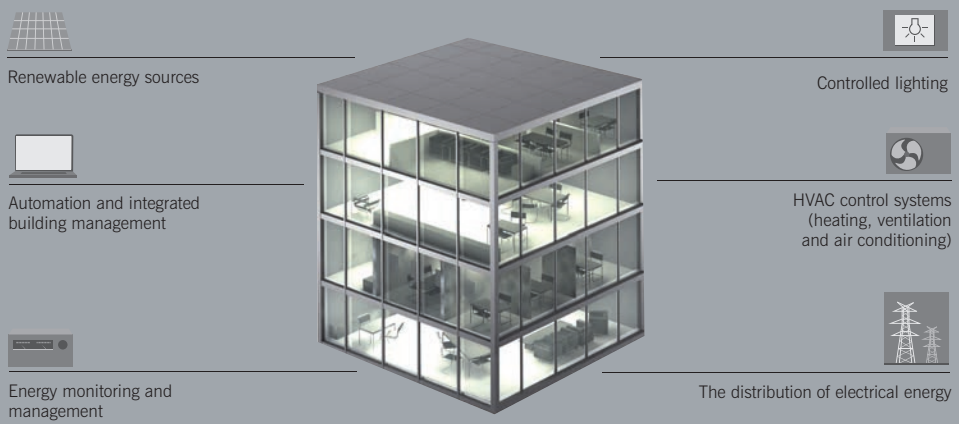
The light

Light is energy and is almost a living thing. Like a biological system, all of its parts come together to form a perfectly calibrated whole. Every space features light, and this influences the activities people perform in an area, affecting their psychophysical wellbeing.
"Our lives and light are intertwined". So, the possibility of managing and modulating light becomes a tool for improving the comfort and quality of the areas where we live, whether they are workplaces, public areas or homes.

Light Management System

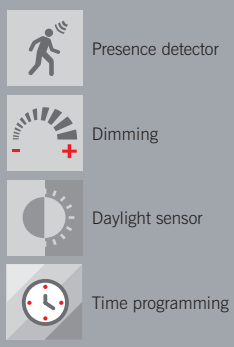
Energy Saving

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:

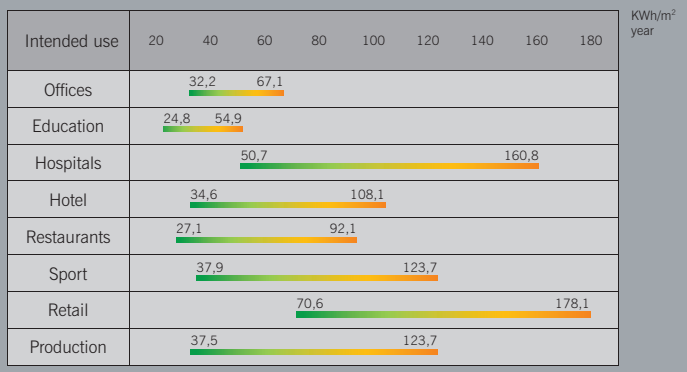
- Maximum energy saving and lower CO_2 emissions
- Cost reduction
- Maximum comfort for customers
- Wide flexibility for each type of project
- Possibility to create personalised light scenes



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

Systems

Today, lighting schemes are more complex than in the past. Supported by exhaustive know-how, vast experience and high awareness of social issues, iGuzzini replies to the user's diversified requests and energy saving and environmental requirements with a wide offer of lighting management systems. Chosen according to the specific functions and application areas, they represent the perfect solution for multiple settings and situations.

Open Systems: Master Pro Evo / LMS Quick

KNX PROTOCOL LON PROTOCOL DALI PROTOCOL

Each space has its own configuration, specific purposes and exact lighting requirements. I 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: Biodynamic Quick / Light Equalizer / 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

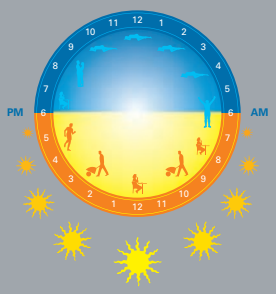
LMS

Light Management System
Integrated automatic management of lighting for buildings

Light Management System

Biodynamic light

Biodynamic light is a system which produces lighting situations according to physiological tables and creates a temporal rhythm in the room (circadian rhythm). Biodynamic light, from bright to soft, from suffused to diffused, varying in intensity and colour temperature, stimulates and creates a suitable temporal rhythm, improving our quality of life. This application for light helps those who work irregular hours to feel more energetic, able to concentrate, positive and productive.



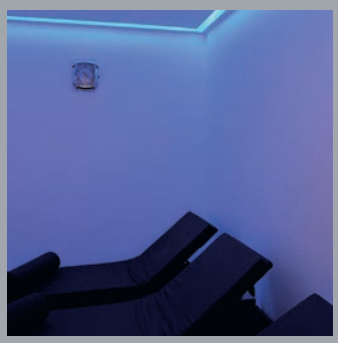
Circadian clock

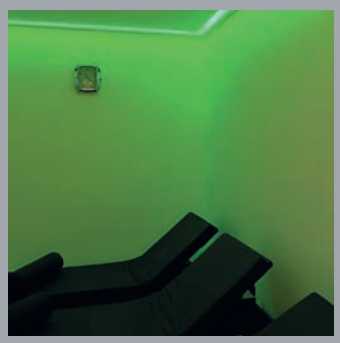
Dynamic light

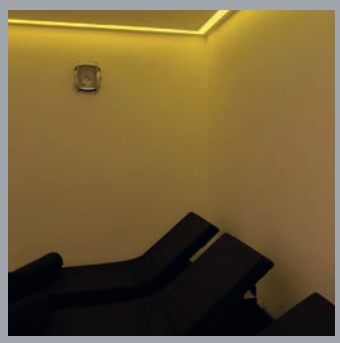
Light always gives rise to variable perceptions, it defines a purpose for surfaces and spaces which are used as expressive and vital signs. Lighting effects open up the personality of places to many interpretations, creating new realities. Dynamic light enhances details and routes, creates depth and surprising backgrounds: it adds emphasis and entertains, for designing and building areas full of personality.

Coloured light

The colour of light, in its various applications, provides a significant chance to emphasise the identity of spaces and make them more welcoming and comfortable.
The pursuit of wellbeing involves various sites, such as shops, offices, hotels, schools, bars and restaurants, where multi-sensory perception and technology are becoming increasingly important in terms of senses and image.







Master Pro Evo

Features

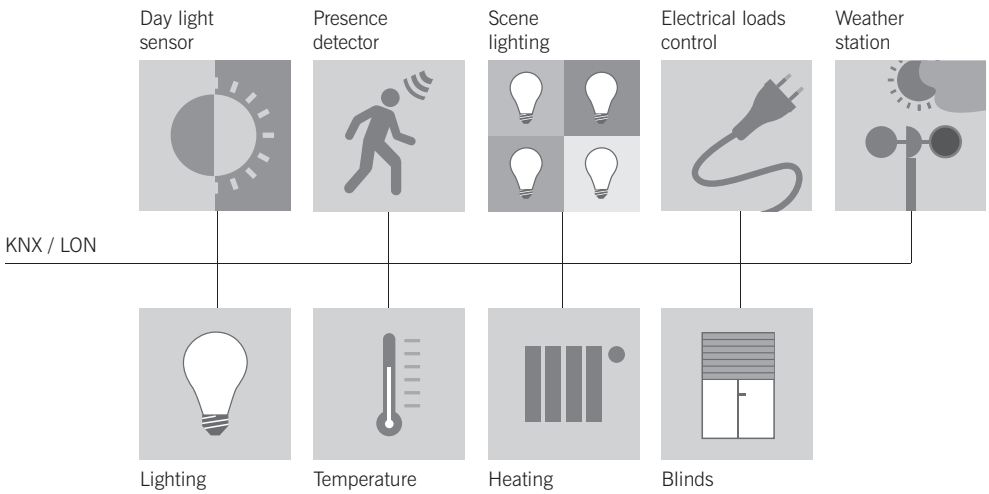
This innovative «intelligent» control system, based on KNX, LON and DALI technology, allows all the functions in a building that are usually controlled separately, to be managed via a centralised system.
Master Pro Evo offers flexible solutions for all kinds of application; solutions that guarantee comfort,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

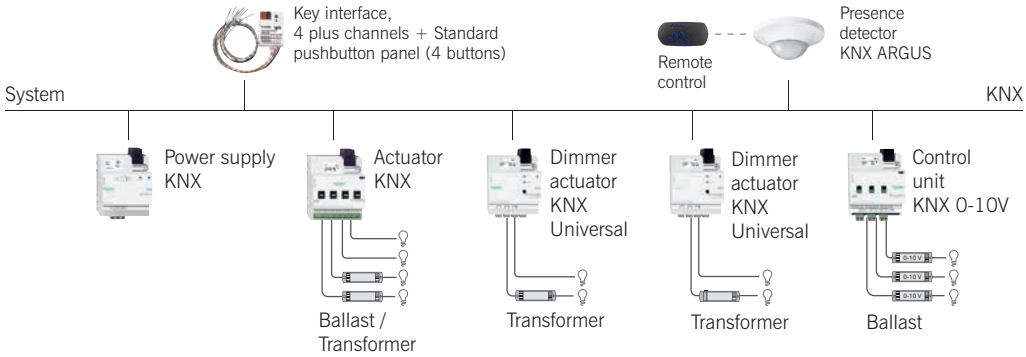
Conference halls

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.



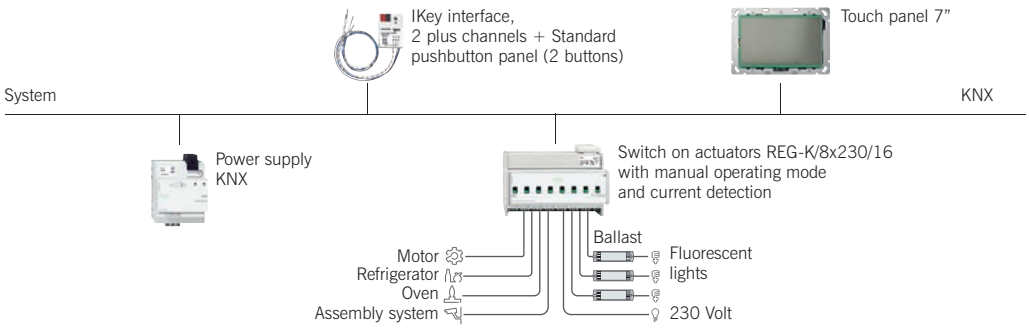
Showrooms

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

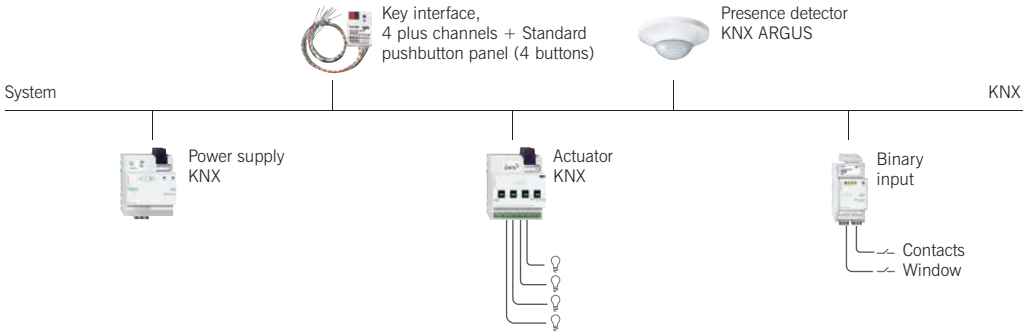
Offices

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



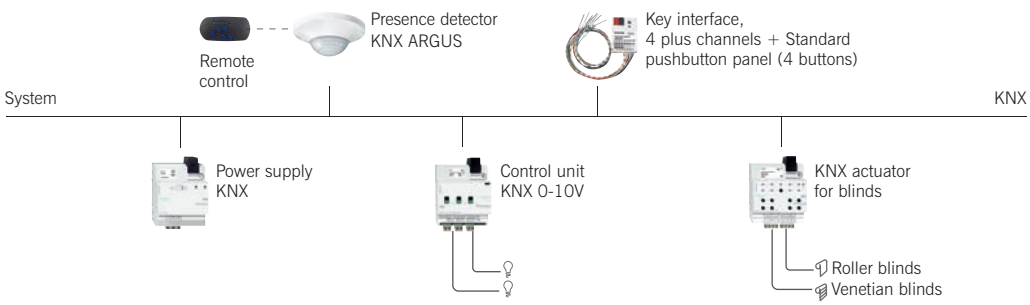
Polyfunctional centres

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

KNX REG-K/320 mA power supply

MH93

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

colour 00 indeterminate

KNX REG-K/640 mA power supply

MI56

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

colour 00 indeterminate

REG-K coupler

MH94

For the logic connection and isolating lines and areas electrically.

colour 04 black

code

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

MI57

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. Power feeders for 24 V binary outputs

colour 00 indeterminate

Infrared remote contol
Distance 2010

MH95

10 channel infrared remote contol

colour 04 black

Interfaces / Gateways

code

USB REG-K interface

MH96

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

colour 00 indeterminate

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

MH97

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.

colour 00 indeterminate

WIFI connection system
for APPLE systems

MI34

The miniserver simplifies “interaction” with Apple devices: like iPods, iPhones and iPads.

colour 00 indeterminate

code

KNX/IP REG-K router

MH98

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

colour 00 indeterminate

KNX-DMX gateway

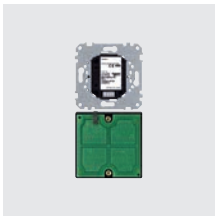
MI28

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.

colour 00 indeterminate

Master Pro Evo
KNX protocol

Buttons / Control devices



code

Command electronics for single/ double or quadruple keys

MH99

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.

colour 00 indeterminate

Single glass key

MI00

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

colour 21 clear and satin

code

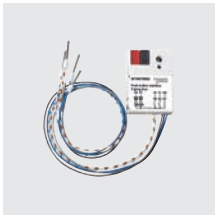
Trancent frame, single

MI01

For horizontal and vertical installations.

colour 12 alluminium

Inputs / Binaries



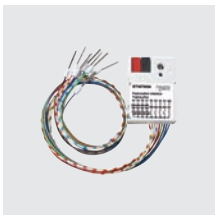
code

Key interface, 2 plus channels

MI02

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

colour 00 indeterminate



Key interface, 4 plus channels

MI03

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

colour 00 indeterminate

REG-K/4x10 binary input

MI04

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

colour 00 indeterminate

REG-K/8x10 binary input

MI05

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

colour 00 indeterminate

code

REG-K/4x24 binary input

MI06

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

colour 00 indeterminate

REG-K/8x24 binary input

MI07

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

colour 00 indeterminate

REG-K/4x230 binary input

MI08

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

colour 00 indeterminate

REG-K/8x230 binary input

MI09

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

colour 00 indeterminate

Master Pro Evo
KNX protocol

Time / timer programmer

code

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

MI16

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.

colour 00 indeterminate

code

DCF-77 antenna

MI17

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

colour 00 indeterminate

Movement / presence detectors

code

KNX ARGUS Presence Basic

MI10

Presence detector for interiors

colour 01 white

code

Recessed KNX ARGUS 180/2,20 m

MI58

Movement detector for interiors with anti-scratch cover.

colour 01 white

KNX ARGUS Presence with light command and infrared receiver

MI11

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

colour 01 white

Frame for recessed presence sensor KNX Argus 180/2.20 m

MM30

colour 01 white

Ceiling assembly base for ARGUS Presence

MI12

colour 01 white

Recessed mounting base for ARGUS Presence

ML15

colour 16 blue

Master Pro Evo
KNX protocol

Light sensors / Weather stations

code

KNX light and temperature sensor

MI13

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

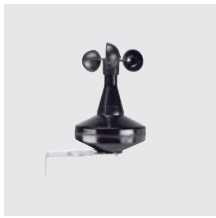
colour 00 indeterminate

REG-K weather station with 4 channels

MI14

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.

colour 00 indeterminate



code

Combined weather sensor with DCF-77

MI15

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.

colour 04 black

Switch actuators

code

FM KNX 16 A actuator with 2 inputs

MI18

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.

colour 00 indeterminate

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

MI19

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.

colour 00 indeterminate

code

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

MI20

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.

colour 00 indeterminate

Master Pro Evo
KNX protocol

Switch / blind actuators

code

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

MI21

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.

colour 00 indeterminate

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

MI22

For controlling twelve 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.

colour 00 indeterminate

code

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

MI23

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.

colour 00 indeterminate

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

MI24

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.

colour 00 indeterminate

Dimmer

code

Dimmer actuator
REG-K/2x230/300W

MI25

For controlling and adjusting incandescent lamps and electronic transformers.

colour 00 indeterminate

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

MI26

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

colour 00 indeterminate

code

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

MI27

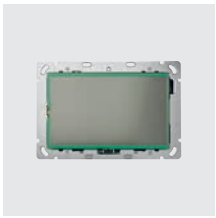
For connecting devices with a 0-10 V KNX systems interface. With an integrated bus coupler and life terminals (230 V) or life-connected terminals (0-10 V). Each individual 230 V switch output can be controlled manually with a switch.

colour 00 indeterminate

Master Pro Evo
KNX protocol

Display and control panels

code

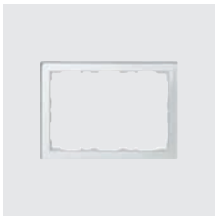


7” touch panel

MI33

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

colour 00 indeterminate



Internal framework set for 7” touch panel

MI29

The set includes an internal support frame and USB cover.

colour 01 white

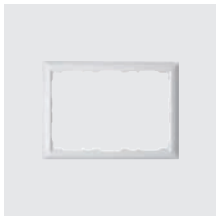
Aluminium frame for 7” touch panel

MI30

Decorative aluminium frame for 7” touch panel.

colour 12 alluminium

code



Frame for 7” touch panel

MI31

colour 01 white

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

MI32

colour 00 indeterminate

Master Pro Evo
LON protocol

System Components

code

LPS 133 power supply

MI35

Power supply for luminaires
with LPT (Link Power Transceiver)

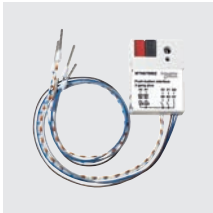
colour 00 indeterminate

ABL8MEM24012 power supply

MI36

Power supply 24Vdc

colour 00 indeterminate



code

LON button interface

MI37

colour 00 indeterminate

Digital output

code

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

MI38

Independent switch for four load units.
Four relay outputs.

colour 00 indeterminate

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

MI39

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

colour 00 indeterminate

code

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

MI40

Independent switch for eight load units.
Eight relay outputs.

colour 00 indeterminate

DR-N MSCU4-AC I/O module

MI41

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

colour 00 indeterminate

Master Pro Evo
LON protocol

DALI control unit

code

Control unit
LON DALI DR-S 4DIM

MI42

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.

colour 00 indeterminate

Control unit
LON DALI DR-S 8DIM

MI43

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

colour 00 indeterminate

Control unit
LON DALI DR-S 16DIM

MI44

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

colour 00 indeterminate

code

LON DALI DR 4x16 DIM Gateway

MI45

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

colour 00 indeterminate

DALI DR-N 140 electronic power supply

MI46

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).

colour 00 indeterminate

DALI multisensors

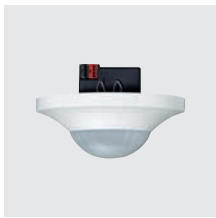
code

DALI LA-11 multi-sensor

MI47

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 36236-332 or DR 4X16 DIM MTN887271.

colour 01 white



code

ILA-22 multi-sensor

MI48

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

colour 01 white

Master Pro Evo
LON protocol

Dimmer outputs

code

DR-N DIM 500-UNI I/O module

MI49

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

colour 00 indeterminate

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

MI50

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.

colour 00 indeterminate

LON DR-M 4DI I/O module

MI51

Luminaires connected with floating contacts.
Four inputs.

colour 00 indeterminate

code

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

MI52

Luminaires connected with floating contacts.
Eight imputs.

colour 00 indeterminate

LON LT-23 AP multi-sensor

MI53

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

colour 00 indeterminate

Interface / Gateway

code

Web Sever

MI54

colour 00 indeterminate

code

Infrared remote control

MI55

colour 04 black

LMS Quick

design Maurizio Varratta

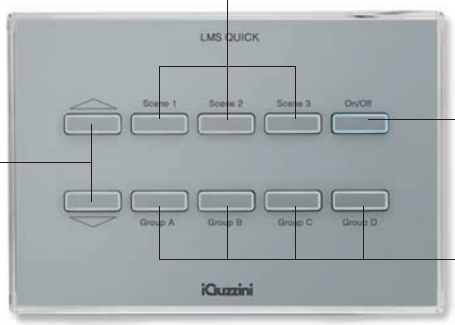
Features

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.

Retrieve scenes 1,2,3
hold down: save new scene

Adjusting keys
to increase or reduce the luminous flux in the area



On/Off:
switch on and switch off area lighting

On/Off and adjustment of units A, B, C, D

iGuzzini infrared control (compatible with universal infrared control)

Customized cover

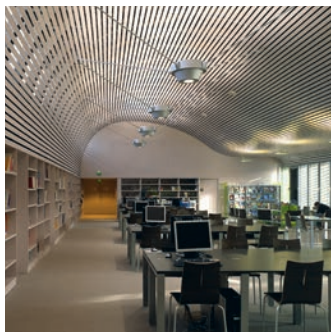
iGuzzini keypad compatible with Eurostandard and Schuko junction boxes

LMS Quick

Split and Play

This intuitive light management system has been developed to give immediate answer to the different lighting requirements of single spaces where the correct amount of correct light must be guaranteed at the correct time. Thanks to the Split and Play technology LMS Quick allows you to choose among 10 different presets, each of them programmed with predefined scenes for specific spaces (office areas, meeting rooms, retail spaces, spas, churches, etc.) to create the appropriate atmosphere with dedicated lighting effects.
The user simply needs to choose the type of space and carry out the installation with the assistance of qualified personnel to create the preset lighting scenes.
A freely configurable solution is also available, ideal for applications with monochrome or RGB lights. Any type of sensor can be connected, with an overall action on the entire space.

SPLIT and PLAY


Open Office

Office

Meeting

Retail

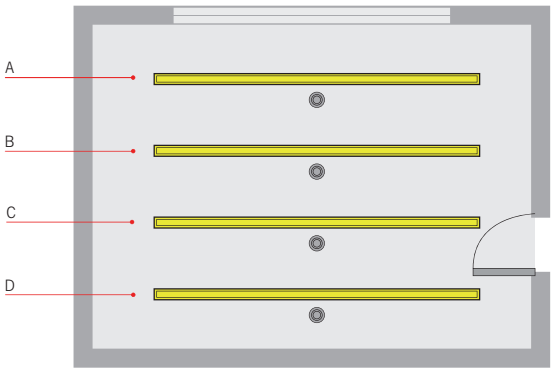
Spa

Church

LMS Quick
Configuration examples

Open Office

Preset 1
The area is a large room with several workstations. An entire wall of the room is made up of windows.
The lamps are arranged in a number of rows, parallel with the wall featuring the windows. This scenario is good for applications with monochrome lights. Any type of sensor can be connected. Light sensors are envisaged, which independently adjust the various rows of lamps. The audible feedback from the keys can be disabled if necessary.



Units
A= window row
B= inner row_1
C= inner row_2
D= inner row_3

Sensors
Type: lux, lux/IR, lux/HD/IR.
B.E.S. function on light sensor and C.S.O. function on presence sensor.

Type of lux adjustment
There are 4 multi-sensors, each regulating a specific unit **(the one connected to unit A regulates A, the one connected to unit B regulates B and so on)**

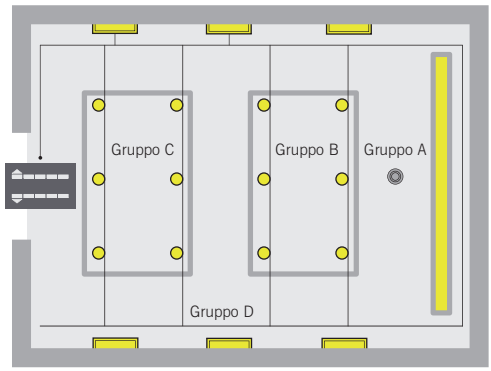
Scenes
S1: A=B=C=D=30% / Daylight
S2: A=B=C=D=50%
S3: A=B=C=D=100%

Fading
3s monochrome

Timeout
20 m

Meeting 1

Preset 3
The area is a conference room.
This scenario is suitable for monochrome lighting.
Only IR receivers are connected. In this configuration there are 3 preset scenarios. The audible feedback from the keys can be disabled if necessary.



Units
A= stage
B= front of audience
C= back of audience
D= sides

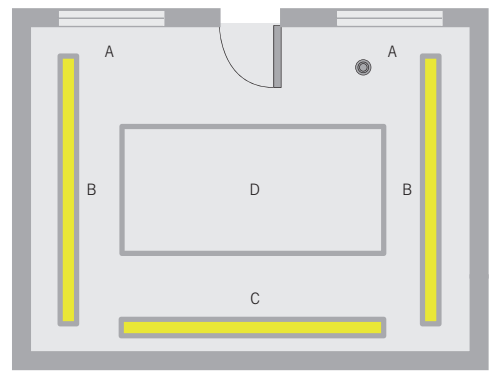
Sensors
Type: IR.

Scenes
S1: A=B=C=D=100%
S2: A=OFF
B=C=D=30% (Projection)
S3: A=100%
B=C=50%
D=30% (Conference)

Fading
3s monochrome

Retail 1

Preset 5
The space is a shop.
This scenario is suitable for monochrome and RGB lighting. In this case, only the shop window has RGB lights. There is a light sensor for overall regulation of all of the monochrome lights. The audible feedback can be disabled if necessary.



Units
A= RGB (showcase)
B= I.monochr_1
C= I.monochr_2
D= I.monochr_3

Sensors
Type: lux.

Type of lux adjustment.
The light sensor can be connected anywhere.

Scene
S1: A=loop
B=C=D=50% / Daylight (morning)
S2: A=loop
B=C=D=100% (afternoon)
S3: A=loop
B=C=D=OFF (night-time)

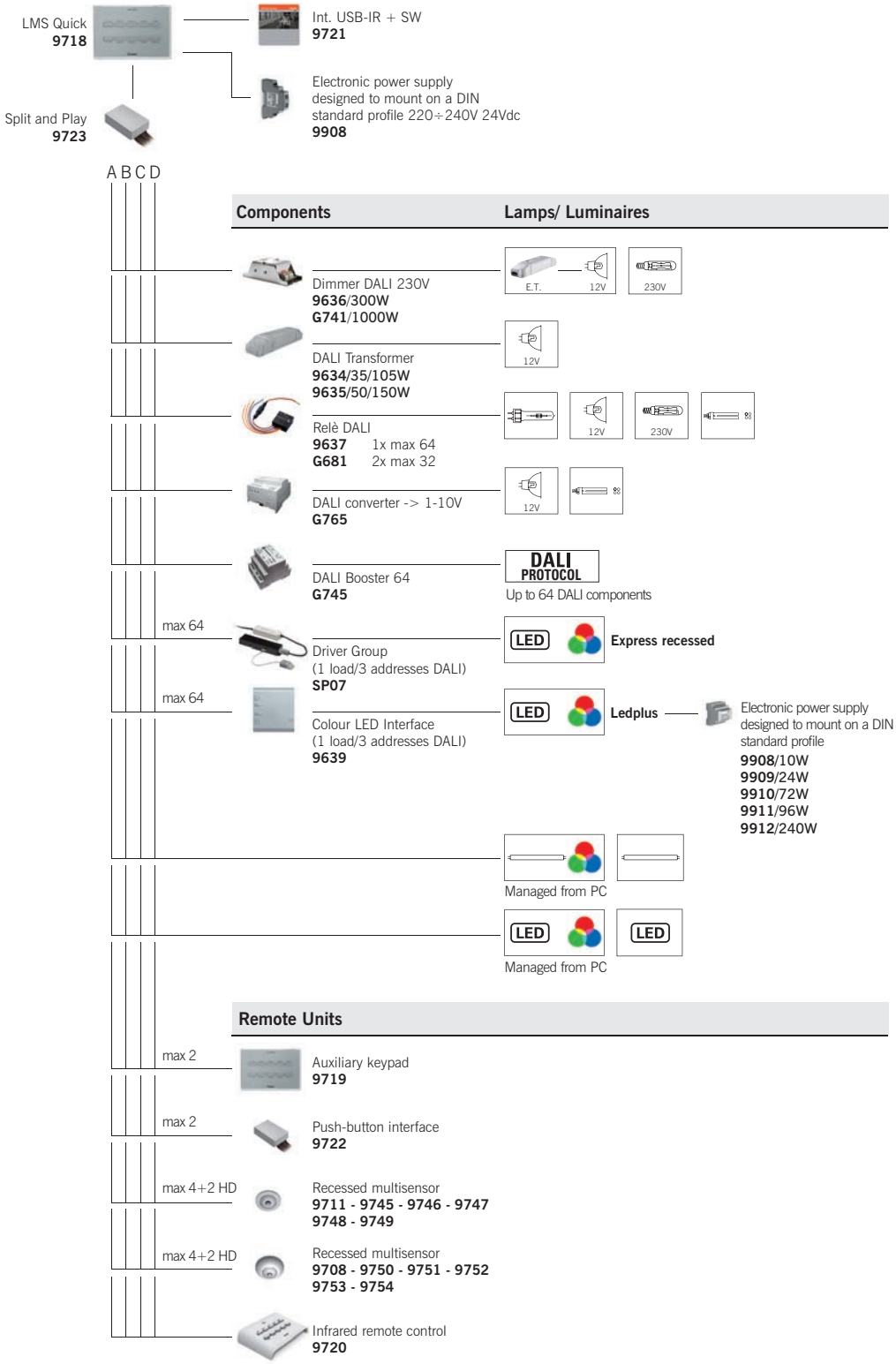
Fading
3s monochrome
Loop: MEDIUM

LMS Quick

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.

Main Unit



LMS Quick

System Components

code

Split and Play device

45x45x16h **9723**

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.

colour 00 indeterminate

IR remote control

9720

colour 01 white

DALI TR Dimmer 300W

9636

Power: 40-300 W (resistive load), 240 VA (inductive load)
Input voltage: 230-240 -10%, +6% Vac
Nominal frequency: 50/60 Hz
DALI load: 2 mA
DALI address 1
Dimming range: 1-100%
Room temperature: 0 to +40° C
Protection against overheating and short-circuit
Output wires maximum length: 50 metres
Built-in installation in devices or BIN track
Number of DIN modules: 3
Occupies 1 DALI address
colour 00 indeterminate

DALI TR Dimmer 100/1000W

G741

Power: 100-1000 W resistive load
Input voltage 230-240 -10%, +6% Vac
Nominal frequency: 50/60 Hz
DALI load: 2mA
DALI address 1
Dimming range 1-100%
Room temperature: 0 to +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
colour 00 indeterminate

code

DALI 12 V transformer for 35-105 W dimming

9634

Power: 35-105 W
Input voltage: 230-240 -10%, +6% Vac
Nominal frequency: 50/60 Hz
Output voltage: 11.6 Vac
DALI load: 2 mA
DALI address 1
Dimming range 1-100%
Soft-start lighting up
Room temperature: -10/+50° C
Protection against overheating and overcharge with automatic regulation
Protection against short-circuit with automatic reset
Class II
Occupies 1 DALI address
colour 00 indeterminate

DALI 12 V transformer for 50-150 W dimming

9635

Power: 50-150VA
Input voltage: 230-240 Vac
Nominal frequency: 50/60Hz
Output voltage: 11.8 Vac
DALI load: 2mA
DALI address 1
Dimming range 1-100%
Room temperature: -25/+50°C
Protection against overheating and overcharge with automatic regulation
Occupies 1 DALI address
colour 00 indeterminate

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

9637

Maximum current load: 4 mA
Input tension: 230-240 -10%, +6% Vac
Network frequency: 50/60 Hz
Output voltage: 230-240Vac
DALI load: 2 mA
DALI address 1
Maximum load according to E-60947
1000W for resistive load (AC1)
300VA for inductive load (AC15)
185W for monophasic engines
Room temperature 0 to +40° C
Class II
Free installation
colour 00 indeterminate

LMS Quick

System Components

code

DALI 2X Electronic Relays 10A

G681

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

colour 00 indeterminate

code

DALI -> 1-10 V converter

G765

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

colour 00 indeterminate

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

G745

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

colour 00 indeterminate

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

9908

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

colour 00 indeterminate

Interfaces

code

USB-IR Interface + software

9721

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

colour 00 indeterminate

LMS Quick

Buttons / Control devices

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

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

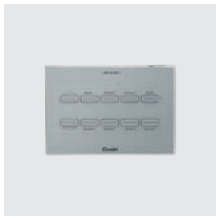
Manages all light sources (halogen, fluorescent, incandescence, LED, discharge)

Used to control RGB lamps

Can be customized with printed covers

Rx/Tx IR on board

colour 01 white - 15 grey



code
Auxiliary keypad with 10 keys
9719

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

colour 01 white - 15 grey

Inputs / Binaries

code
Push-button interface with 8 buttons
9722

The interface inputs have the same fixed functions that replicate the functions of the master panel:

One ON/OFF button.

Four keys to load the lamp group.

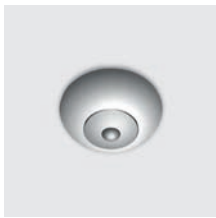
Three keys to call the light scene.

colour 00 indeterminate

Movement / presence detectors

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

colour 01 white



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

colour 01 white

Chinese Department for the Environment - Beijing, China

Architectural project: mOa, Mario Occhiuto Architetture - Lighting project: Francesca Storaro
Photo: Lv Hengzhong

Biodynamic Quick

design Maurizio Varratta

Features

Biodynamic Quick is a simple light control system designed to control multiple fittings at a time, LED and fluorescent ones, creating customised light scenes with biodynamic light. It plays predefined sequences for all products to obtain dynamic spatial variation by reproducing the natural changes of sunlight.

Light plays a crucial role in any type of space. It marks time and affects human biological rhythms, stimulating concentration, interest and attention. Biodynamic Quick is the ideal product to reply to multiple lighting requirements, ensuring suggestive scenographic effects with Plug and Play configuration.

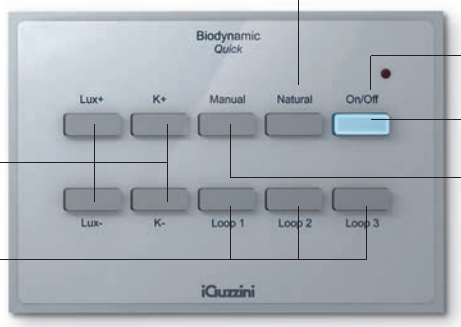
PLUG and PLAY

BIO DYNAMIC

K+/K- control buttons
adjustment of
LED 3400÷5400K colour temperature-
FLUO 2700÷6500K

Lux+/Lux-
adjustment of luminous intensity

Luminous scenes
allow for using 3 predefined biodynamic cycles



Dimming according to Kruithof's curve
with +/- buttons to set variations
that reproduce natural luminous scenes

On/Off in soft mode

Buttons with luminous memory

Manual dimming
with +/- buttons to set variations
that reproduce customised light levels

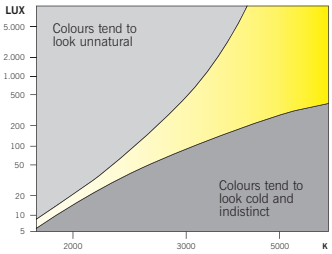
Remote control

Compatible with Euro standard and Schuko connection boxes

Biodynamic Quick

Functions

Biodynamic Quick reproduces daylight according to luminous intensity (Lux) and colour temperature (K) values from the “pleasing region” (Kruithof’s curve) that is typical of sunlight. Additionally, it permits “customised” and “independent” regulation of Lux and K values.



Cool light lighting

Neutral light lighting

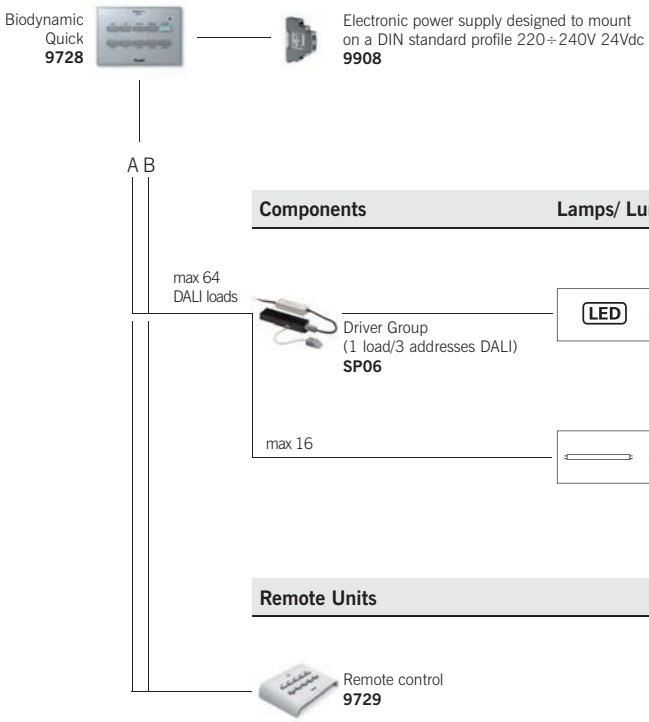
Warm light lighting

Biodynamic Quick

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

Main Unit



System Components

size	code
Biodynamic Quick	
115x80x20h	**9728**

colour 01 white - 15 grey

Remote control **9729**

colour 01 white

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

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

colour 00 indeterminate

Light Equalizer

design Maurizio Varratta

Features

The panels Light Equalizer use the protocol DALI (Digital Adressable Lighting Interface) and the system Plug and Play in order to install versatile control systems suitable for every requirement. Essential design, Smart Card supplied standard with customised programs, manual regulation of colour temperature and luminous intensity, reproduction and control of daylight: these are the characteristics of the new control panel. The program Light Equalizer provides for a series of accessories such as light sensors for external light compensation, presence detection sensors, IR sensor and interface for standard control panel.

Display for navigation

Function keys
depending on the menu navigation level the function of the keys changes as shown on the display

Adjusting keys
The arrows have various uses during navigation, for example: changing the light intensity, selecting the scene to be retrieved, etc.

Return to home screen

On/Off key with light memory

Smart Card

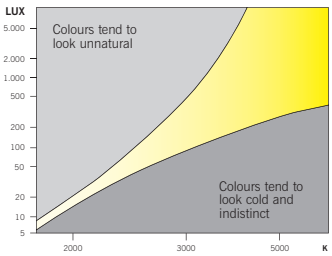
Remote control

Compatible with Euro standard and Schuko connection boxes

Light Equalizer

Functions

Light Equalizer reproduces daylight according to luminous intensity (Lux) and colour temperature (K) values from the “pleasing region” (Kruithof’s curve) that is typical of sunlight. Additionally, it permits “customised” and “independent” regulation of Lux and K values.



Cool light lighting

Neutral light lighting

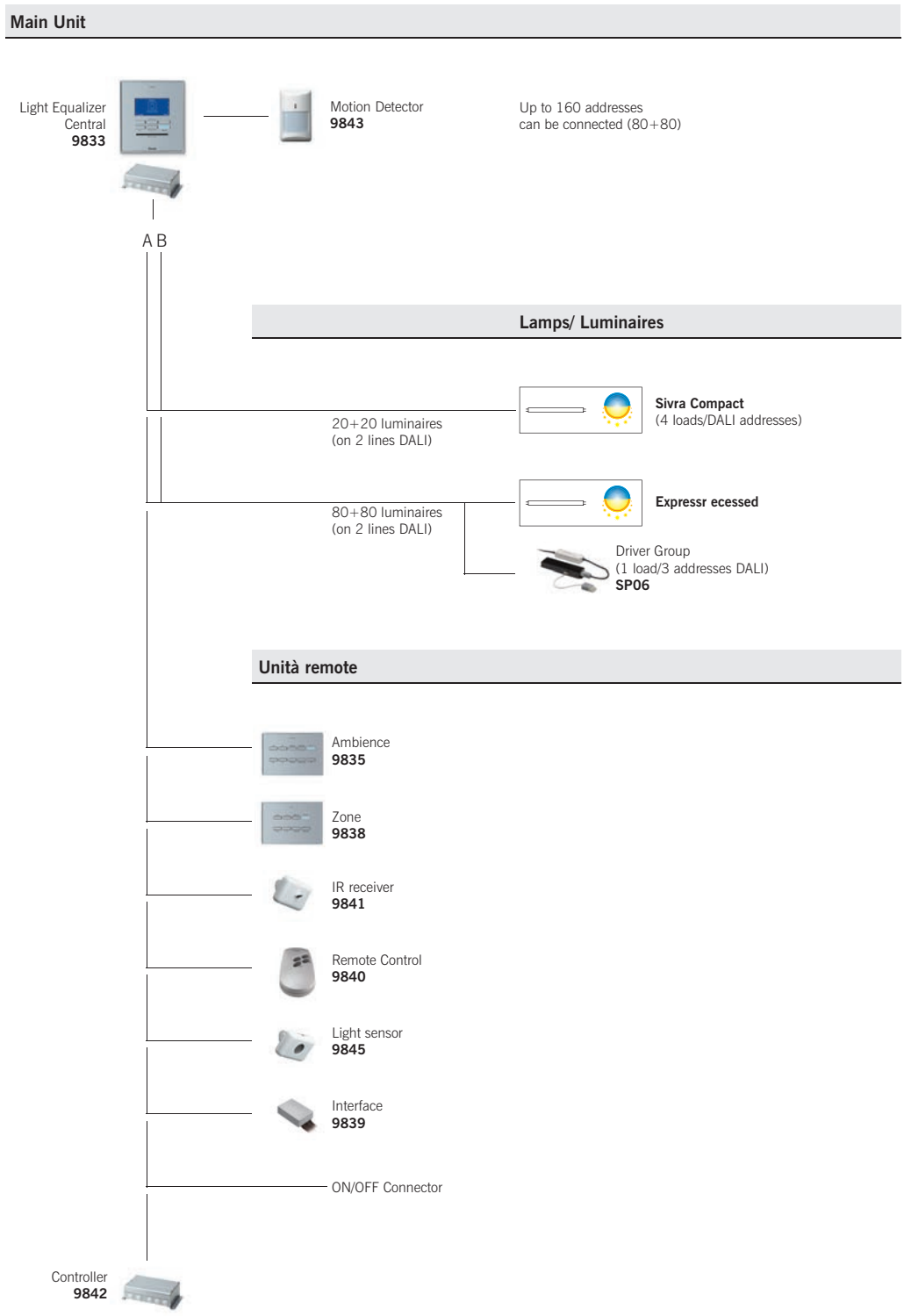
Warm light lighting

Light Equalizer

Max 80+80 DALI loads (on 2 lines)
Preconfigured dynamic settings and customized settings can be downloaded from the Smart Card. This configuration is managed by the Central panel, which is connected to the controller that manages the fittings, sensors and other panels - up to a maximum of 160 addresses (on 2 lines DALI). The number of addresses can be increased by using cooperating controllers (as long as all the fittings have the same function) or non-cooperating controllers (if the fittings are placed in different spaces or need to execute different light cycles).

Partial configuration:
For manual adjustments of light intensity (lux) and colour temperature (K). This configuration can be managed by Light Equalizer Zone and by the interface for the standard button panel which is connected to the controller that manages the fittings, sensors, and other panels - up to a maximum of 160 addresses (on 2 lines DALI). The number of addresses can be increased by using cooperating controllers (as long as all the fittings have the same function) or non-cooperating controllers (if the fittings are placed in different spaces or need to execute different light cycles).

For the system definition, refer to the instructions



Light Equalizer

System Components

size | code

Light Equalizer Central

115x130x40h **9833**

System composed of a 6-button Central panel and graphic display to control all system functions, and of a control unit capable of managing up to 160 DALI ballasts.

Panel can be installed on a standard recessed box (2x3 compartments)

Control unit can be installed on a DIN rail or on false ceiling

Predefined cycles of biodynamic light according to the season (summer, winter), day and time

Possibility to personalise the cycle of biodynamic light by using the Smart Card

Manual: manual dimming of luminous intensity (Lux) and colour temperature (K)

Regulation set point with light sensor

Natural for natural dimming

Time and date on the display

colour 15 grey

Each control unit can manage up to 160 colour LED interfaces

code

Controller **9842**

Control unit that can manage up to 160 ballasts. Designed to be housed inside the control panels with application on DIN bar.

colour 00 indeterminate

Remote Control

9840

To be combined with at least one IR receiver Manual dimming of luminous intensity (Lux) and colour temperature (K)

General On/off

colour 15 grey

IR receiver

9841

Supply: 12 V (from the control units)

colour 01 white

Buttons / Control devices

size | code

Light Equalizer Ambience

115x80x20h **9835**

10-button keypad. Used with the Central panel only. Installation on standard 503 box (not included).

Manual: manual dimming of luminous intensity (Lux) and colour temperature (K).

Natural: manual dimming of light intensity (lux +/-) and colour temperature (K +/-) corrected within the Kruithof curve.

ON/OFF set point for regulation with light sensor.

General On/off.

colour 15 grey

size | code

Light Equalizer Zone

115x80x20h **9838**

8-button remote control.

Installation on 503 recessed box (not included in the product).

Manual: manual dimming of luminous intensity (Lux) and colour temperature (K).

Natural: manual dimming of light intensity (lux +/-) and colour temperature (K +/-) corrected within the Kruithof curve.

ON/OFF set point for regulation with light sensor.

General On/off.

colour 15 grey

Light Equalizer

Inputs / Binaries

code

Push-button interface

9839

To be positioned inside the recessed 503 boxes to connect 3 double buttons.

Manual dimming of luminous intensity (lux +/-) and colour temperature (K +/-).

General On/off.

colour 00 indeterminate

Motion / presence detectors

code

Motion detector

9843

Supply: 10-15 V

Absorbed current: 12 mA

Contact normally closed

colour 01 white

Light sensors

code

Light sensor

9845

The sensor regulates the intensity of artificial light according to natural light, based on a fixed set point

Can be fixed either to the wall or to the ceiling

There can be a maximum of 32 light sensors

Voltage: 12 V

Consumption: 40 mA; 0.5 VA

Work temperature: 5 - 45° C

colour 01 white

Oval Mall - Chiasso, Switzerland

Architectural project: Elio Ostinelli - Photo: Günter Laznia

m electronics
JYKX 1950
JYKX 1950
FRED PERRY
hello
PRICE

Colour Quick

design Maurizio Varratta

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.

PLUG and PLAY

R G B

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

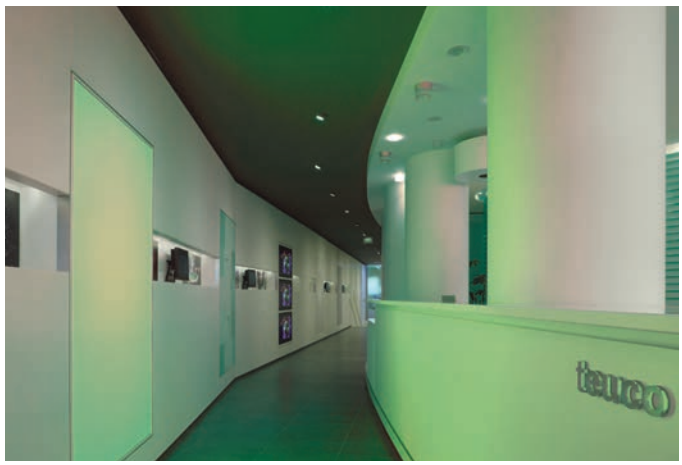
Remote control

Compatible with Euro standard and Schuko connection boxes

Colour Quick

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.

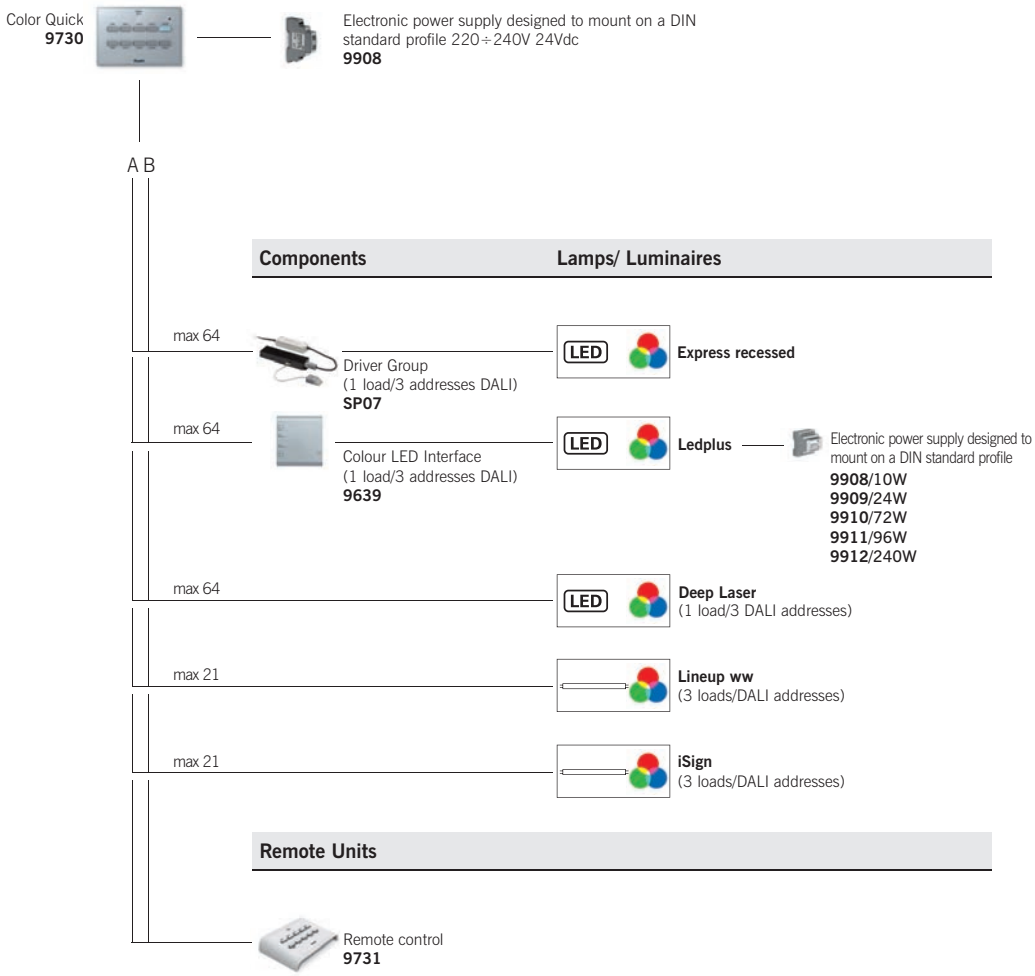


ColourQuick

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.

Main Unit



System Components

size — code

Colour Quick
115x80x20h — **9730**

colour 01 white - 15 grey

Remote control
9731

colour 01 white

code

Electronic power supply designed to mount on a DIN standard profile 10W
9908

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

colour 00 indeterminate

Hotel Holiday Inn - Lyon, France
Photo: Didier Boy De La Tour

GAGNEZ

Downlights

Downlights

68 Reflex professional LED

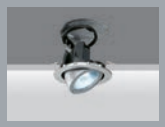
86 Reflex Easy LED

98 Sistema Easy MH

98 Sistema Easy FL

112 Sistema Easy Comfort FL

New
117 Pixel Pro LED


129 Pixel plus LED

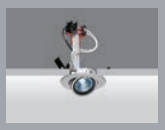
135 Pixel

139 Laser Pixel

139 Laser Moon

141 Laser fixed LED

141 Laser adjustable LED


143 Minilaser

147 Pinhole

154 Deep Laser

New
169 Laser Blade LED

221 Light shed

Multy-optical assembly luminaires

175 Express recessed LED

187 Trimmer recessed LED

193 Frame / Minimal LED

205 Deep Frame / Deep Minimal LED

Rosenberg Shopping Centre, MIGROS - Wintherthur, Switzerland

Architectural project: Atelier WW Architekten SIA AG - Lighting project: Reflexion AG - Photo: Günter Laznia

Downlights

68 Reflex professional

86 Reflex Easy

98 Sistema Easy

117 Pixel Pro

129 Pixel plus

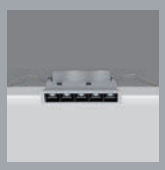
135 Pixel

139 Laser

	68 Reflex professional	86 Reflex Easy	98 Sistema Easy	117 Pixel Pro	129 Pixel plus	135 Pixel	139 Laser
Fixed horizontal luminaires	●	●	●				●
Adjustable horizontal luminaires	◉			◉	◉	◉	◉
Wall-washer vertical luminaires	●	●	●				
Installation with rim (Frame)	●	●	●	●	●	●	●
Installation flush to ceiling (Minimal)	●						
Multiple optical assemblies				●			

147 Pinhole

154 Deep Laser



169 Laser Blade

175 Express recessed

187 Trimmer recessed

193 Frame / Minimal

205 Deep Frame / Deep Minimal

221 Light shed

●	●	●					●
◉	◉		◉	◉	◉	◉	
●							●
●	●	●	●	●	●	●	●
	●	●	●		●	●	
		●	●	●	●	●	●

Downlights

Optics

S - Spot
α 9° to 15°

M - Medium
α 16° to 25°

F - Flood
α 26° to 39°

WF - Wide Flood
α 40° to 60°

E - Elliptical

The Elliptical optic is obtained by fitting the appropriate accessory

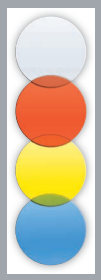
WW - Wall Washer

Downlight Wall Washer

Downlights

Filters

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

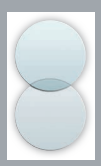


Soft Lens filter
The use of this filter will minimize the light cone irregular profile.

with filter

without filter

IR/UV filter
Many lamps give off not just visible light, but also infrared (IR) rays and ultraviolet (UV) radiation, with the former causing overheating and the latter discolouration of the objects lit. These filters reduce and control said radiations.



Downlights

Lighting design features

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

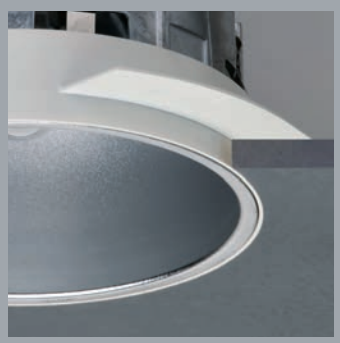
The careful design of the optics, together with the right combination of lamps means that they comply with European regulations, guaranteeing a high level of light output and therefore energy saving.

Double-adjustability

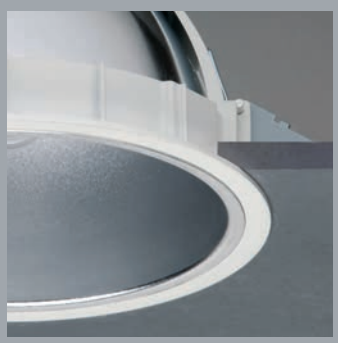
These luminaires permit rotation around vertical axis and tilting with respect to horizontal plane. Degrees change according to luminaire.

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

The dimensions shown in the presentation pages refer to the installation hole.

Round

Square

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

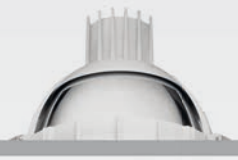
This system allows DALI luminaires to be dimmable even using a standard electric button.

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

Reflex professional

Fixed optic

Fixed optic



ø 242

ø 212

ø 153

ø 125

ø 96

⧄ 242

⧄ 153

⧄ 96

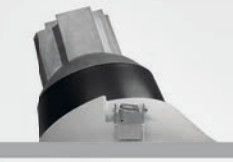
page 66 - 67

National Museum of China - Beijing, China

Lighting project: Conceptlicht GmbH TsingHua Design Institute - Photo: Christian Gahl

Adjustable optic

Wall-washer optic



ø 153

ø 242

ø 125

ø 212

ø 96

ø 153

ø 75

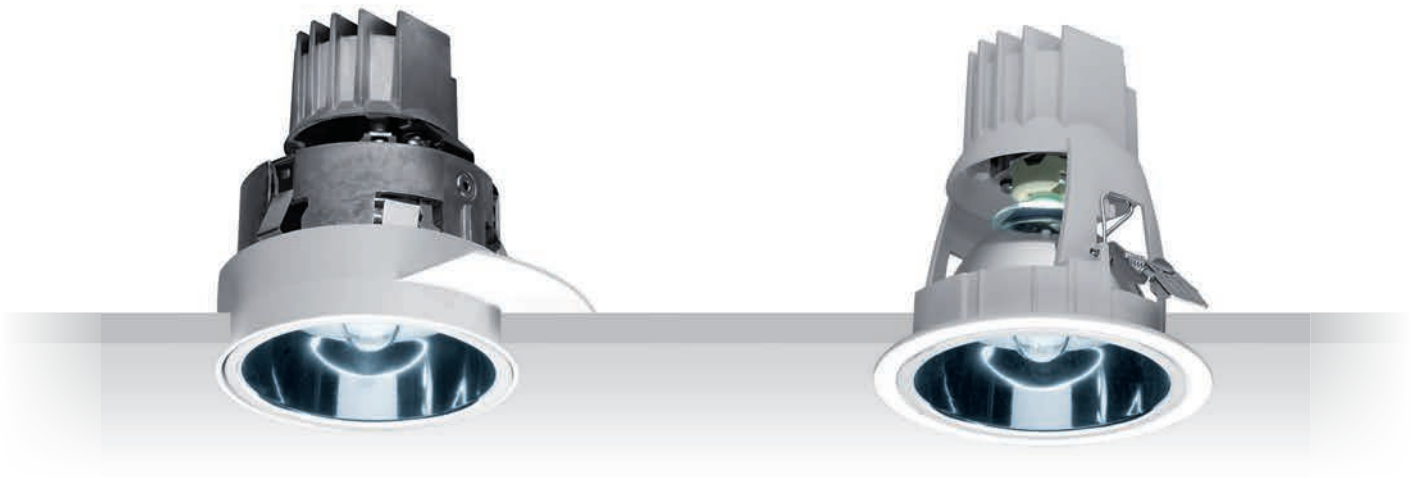
ø 125

Reflex professional fixed

Features

IP23

- Recessed installation on false ceilings; 12.5 mm thick for Minimal version, from 1 to 30 mm thick for Frame version.
- Die-cast aluminium body and heat sink.
- Mirror aluminium ultrapure reflectors.
- Borosilicate glass protective capsule for discharge lamps without reflector.



Minimal version
shapes available: round and square

Frame version
shapes available: round and square

Protective capsule

IP44 protection screen

Easy installation and maintenance

Reflex professional fixed

Photometric values

S - Spot

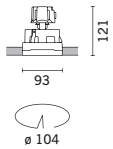
M - Medium

F - Flood

		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	11W - 12W - 21W 23W - 35W - 39W									1 2 3 4	1 2 2,9 3,9	- - - -	937 234 104 59
QR-CBC 51* GU5,3	50W	2 4 6 8	0,3 0,7 1 1,4	- - - -	2530 632 281 158	2 4 6 8	0,7 1,4 2,1 2,8	- - - -	909 227 101 57	2 4 6 8	1,4 2,8 4,1 5,5	- - - -	462 115 51 29
QR 111* G53	100W	2 4 6 8	0,2 0,4 0,6 0,8	- - - -	9050 2263 1006 566	2 4 6 8	0,8 1,6 2,3 3,1	- - - -	1691 423 188 106	2 4 6 8	1,7 3,4 5,1 6,8	- - - -	573 143 64 36
QT 12 GY6,35	50W - 100W									1 2 3 4	0,8 1,6 2,4 3,2	- - - -	970 243 108 61
HIT-CE PGJ5	20W - 35W									1 2 3 4	0,9 1,8 2,7 3,6	- - - -	770 193 86 48
HIT-TC-CE G8,5	35W - 70W					2 4 6 8	1,2 2,4 3,7 4,9	- - - -	385 96 43 24	1 2 3 4	1,2 2,5 3,7 5	- - - -	488 122 54 30
HIT-CE G8,5	35W									1 2 3 4	0,9 1,9 2,8 3,7	- - - -	882 220 98 55
HIT-CE G12	35W - 70W - 150W									1 2 3 4	0,8 1,5 2,3 3,1	- - - -	978 244 109 61
HIT-CE GU6,5	20W - 35W									1 2 3 4	1 2 2,9 3,9	1,1 2,2 3,3 4,4	637 159 71 40
HI-PAR 51-CE* GX10	35W	2 4 6 8	0,5 1 1,5 2	- - - -	3092 773 344 193	2 4 6 8	1,1 2,1 3,2 4,3	- - - -	1122 280 125 70	2 4 6 8	1,6 3,2 4,8 6,5	- - - -	592 148 66 37
HIR-111-CE* GX8,5	70W	2 4 6 8	0,3 0,7 1 1,4	- - - -	10845 2711 1205 678	2 4 6 8	0,8 1,6 2,3 3,1	- - - -	2769 692 308 173	2 4 6 8	1,3 2,6 3,9 5,2	- - - -	1548 387 172 97
TC-TEL GR14q-1	28W - 34W									1 2 3 4	1,6 3,2 4,9 6,5	- - - -	362 91 40 23
TC-TEL GX24q-3	52W - 64W - 84W									1 2 3 4	1,5 3,1 4,6 6,1	- - - -	333 83 37 21
TC-DEL G24q-3	52W									1 2 3 4	1,1 2,3 3,4 4,5	1 2,1 3,1 4,2	533 133 59 33

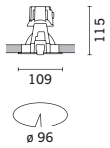
* The values shown refer to actual Lux

Reflex professional fixed



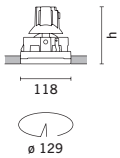
light source	W	height	optic	code
	Minimal installation			
QT 12 ES (GY6,35)	50 W max 12 V		50°	**M354**
	Class of Insulation III			
QR CBC 51 (GU5,3)	50 W 12 V			**M355**
	Class of Insulation III			
HIT-CE (PGJ5)	Complete with electronic control gear			
	20 W		46°	**M356**
	35 W		48°	**M357**
HI-PAR 51-CE (GX10)	Complete with electronic control gear			
	20 W			**M358**
	35 W			**M359**

colour 12 alluminium



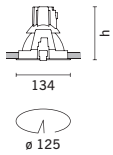
light source	W	height	optic	code
	Frame installation			
QT 12 ES (GY6,35)	50 W max 12 V		50°	**M375**
	Class of Insulation III			
QR CBC 51 (GU5,3)	50 W 12 V			**M376**
	Class of Insulation III			
HIT-CE (PGJ5)	Complete with electronic control gear			
	20 W		46°	**M377**
	35 W		48°	**M378**
	IP43			
HI-PAR 51-CE (GX10)	Complete with electronic control gear			
	20 W			**M379**
	35 W			**M380**

colour 39 white/alluminium



light source	W	height	optic	code
	Minimal installation			
QT 12 ES (GY6,35)	100 W max 12 V	141	44°	**M360**
	Class of Insulation III			
QR CBC 51 (GU5,3)	50 W 12 V	141		**M361**
	Class of Insulation III			
HIT-TC-CE (G8,5)	Complete with electronic control gear			
	35 W	141	78°	**M362**
	70 W	141	78°	**M363**
	35 W	179	34°	**M364**
	70 W	179	34°	**M365**
HI-PAR 51-CE (GX10)	Complete with electronic control gear			
	35 W	179		**M505**

colour 12 alluminium



light source	W	height	optic	code
	Frame installation			
QT 12 ES (GY6,35)	100 W max 12 V	129	44°	**M381**
	Class of Insulation III			
QR CBC 51 (GU5,3)	50 W 12 V	129		**M382**
	Class of Insulation III			
HIT-TC-CE (G8,5)	Complete with electronic control gear			
	35 W	129	78°	**M383**
	70 W	129	78°	**M384**
	35 W	170	34°	**M385**
	70 W	170	34°	**M386**
	IP43			
HI-PAR 51-CE (GX10)	Complete with electronic control gear			
	35 W	170		**M506**

colour 39 white/alluminium

components

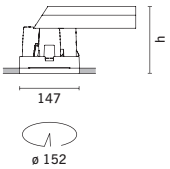
Electronic safety transformer			code
20-60 W	230/12 V	Top	**5580**
50-105 W	230/12 V	Top	**5582**
10-60 W	230/12 V	St	**5581**
35-105 W	230/12 V	St	**5583**

colour 00 indeterminate

Electronic safety transformer			code
50-200 W	230/12 V	Top	**5586**
50-200 W	230/12 V	St	**5587**
20-60 W	230/12 V	St	**5584**
50-105 W	230/12 V	St	**5585**

colour 00 indeterminate

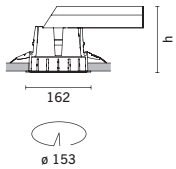
Reflex professional fixed



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

DALI versions occupies 1 address

colour 12 alluminium



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

IP43

DALI versions occupies 1 address

colour 39 white/alluminium

components

	code
Electronic safety transformer	
20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St	**5583**
colour 00 indeterminate	

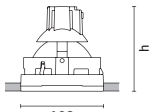
	code
Electronic safety transformer	
50-200 W 230/12 V Top	**5586**
50-200 W 230/12 V St	**5587**
20-60 W 230/12 V St	**5584**
50-105 W 230/12 V St	**5585**
colour 00 indeterminate	

Colours

12
ALLUMINIUM

39
WHITE/ALLUMINIUM

Reflex professional fixed

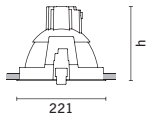


ø 210

light source	W	height	optic	code
	Minimal installation			
HIT-CE (G12)	35/70/150 W	210	82°	**M373**
	35/70/150 W	266	52°	**M374**

Control gear to be ordered separately

colour 12 alluminium



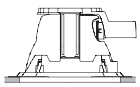
ø 212

light source	W	height	optic	code
	Frame installation			
HIT-CE (G12)	35/70/150 W	181	82°	**M394**
	35/70/150 W	263	52°	**M395**

IP43

Control gear to be ordered separately

colour 39 white/alluminium

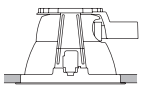


ø 250

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

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

colour 12 alluminium

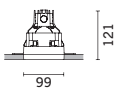


ø 242

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

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

colour 39 white/alluminium



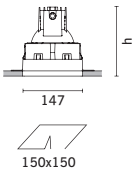
102x102

	Minimal installation			
QT 12 ES (GY6,35)	50 W max 12 V		48°/54°	**M569**
	Class of Insulation III			
QR CBC 51 (GU5,3)	50 W 12 V			**M570**
	Class of Insulation III			
HIT-CE (GU6,5)	Complete with electronic control gear			
	20 W		50°/60°	**M571**
	35 W		52°/58°	**M572**
HI-PAR 51-CE (GX10)	Complete with electronic control gear			
	20 W			**M573**
	35 W			**M574**

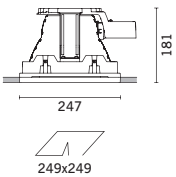
96x96

	Frame installation			
QT 12 ES (GY6,35)	50 W max 12 V		48°/54°	**M583**
	Class of Insulation III			
QR CBC 51 (GU5,3)	50 W 12 V			**M584**
	Class of Insulation III			
HIT-CE (GU6,5)	Complete with electronic control gear			
	20 W		50°/60°	**M585**
	35 W		52°/58°	**M586**
HI-PAR 51-CE (GX10)	Complete with electronic control gear			
	20 W			**M587**
	35 W			**M588**

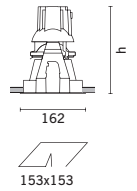
Reflex professional fixed



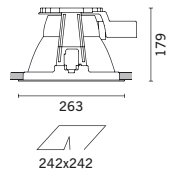
light source	W	height	optic	code
	Minimal installation			
QT 12 ES (GY6,35)	100 W max 12 V	169	60°	**M575**
	Class of Insulation III			
QR 111 (G53)	100 W 12 V	216		**M576**
	Class of Insulation III			
HIT-TC-CE (G8,5)	Complete with electronic control gear			
	35 W	169	64°	**M577**
	70 W	169	64°	**M578**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



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



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



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

components

Electronic control gear

		code
for 2x35 W	HIT	**4437**

Weight kg. 0,365 - Dim. 175x79,5x32h
colour 00 indeterminate

Electronic control gear

		code
for 35 W	HIT	**4466**
for 70 W	HIT	**4467**
for 150 W	HIT	**4465**

Weight kg. 0,320 - Dim. 225x60x37h
Weight kg. 0,350 - Dim. 185x90x37h
Weight kg. 0,350 - Dim. 185x90x37h
colour 00 indeterminate

Control gear complete with capacitor

		code
for 35 W	HIT	**4468**
for 70 W	HIT	**4469**
for 150 W	HIT	**4470**

Weight kg. 1,450 - Dim. 257x92x70h
Weight kg. 1,700 - Dim. 257x92x70h
Weight kg. 2,550 - Dim. 332x110x77h
colour 00 indeterminate

Control gear complete with capacitor and ignitor with controlled pulses

		code
for 35 W	HIT	**4471**
for 70 W	HIT	**4472**
for 150 W	HIT	**4473**

Weight kg. 1,450 - Dim. 257x92x70h
Weight kg. 1,700 - Dim. 257x92x70h
Weight kg. 2,550 - Dim. 332x110x77h
colour 00 indeterminate

Electronic safety transformer

			code
20-60 W	230/12 V	Top	**5580**
50-105 W	230/12 V	Top	**5582**
10-60 W	230/12 V	St	**5581**
35-105 W	230/12 V	St	**5583**

colour 00 indeterminate

Electronic safety transformer

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

colour 00 indeterminate

accessories

IP44 protection screen **MWF4**

for M555-M556-M557
M558-M559-M560
colour 24 clear transparent
65 nitric

IP43 protection screen **MWF5**

for M599-M600
colour 24 clear transparent
65 nitric

Colours

12
ALLUMINIUM

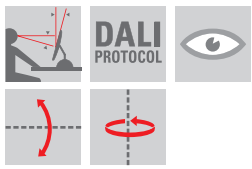
39
WHITE/ALLUMINIUM

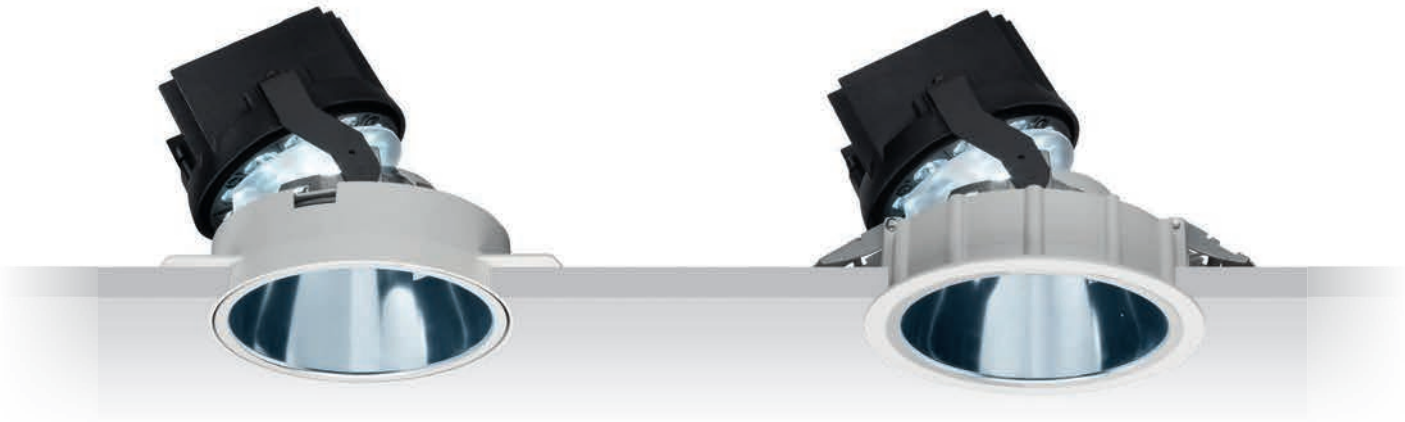
Reflex professional adjustable

Features

IP23

- Recessed installation on false ceilings; 12.5 mm thick for Minimal version, from 1 to 30 mm
- Die-cast aluminium body and heat sink.
- Mirror aluminium ultrapure reflectors.
- Adjustability on horizontal plane by +/- 30° and on vertical axis by 358°.





Minimal version
shape available: round

Frame version
shape available: round

Easy installation and maintenance

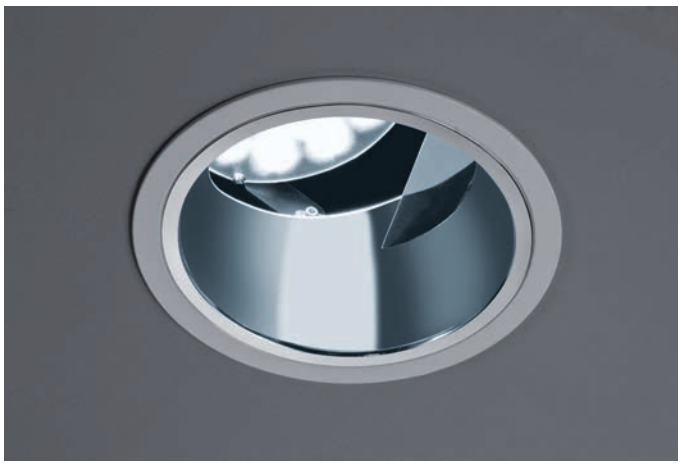
Installation of accessories without tools

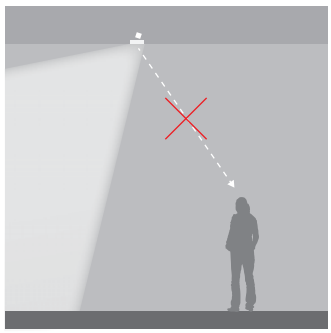
Relamping without tools

Reflex professional adjustable

Visual comfort

In the LED adjustable versions “spill light” optical accessory eliminates any glare and reflection, for optimum visual comfort.





Total lack of glare

Photometric values

S - Spot

M - Medium

F - Flood

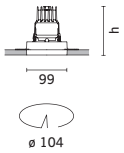
E - Elliptical**

		S - Spot				M - Medium				F - Flood				E - Elliptical**			
		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	30W	2	0,6	-	984	2	0,9	-	465								
		4	1,3	-	246	4	1,7	-	116								
		6	1,9	-	109	6	2,6	-	52								
		8	2,5	-	61	8	3,4	-	29								
QR-CBC 51* GU5,3	50W	2	0,3	-	2530	2	0,7	-	909	2	1,4	-	462				
		4	0,7	-	632	4	1,4	-	227	4	2,8	-	115				
		6	1	-	281	6	2,1	-	101	6	4,1	-	51				
		8	1,4	-	158	8	2,8	-	57	8	5,5	-	29				
QR 111* G53	100W	2	0,2	-	9050	2	0,8	-	1691	2	1,7	-	573				
		4	0,4	-	2263	4	1,6	-	423	4	3,4	-	143				
		6	0,6	-	1006	6	2,3	-	188	6	5,1	-	64				
		8	0,8	-	566	8	3,1	-	106	8	6,8	-	36				
QT 12 GY6,35	35W - 100W	2	0,3	-	1200	2	0,7	-	522	2	1,3	-	361				
		4	0,7	-	300	4	1,4	-	131	4	2,6	-	90				
		6	1	-	133	6	2,1	-	58	6	3,9	-	40				
		8	1,4	-	75	8	2,8	-	33	8	5,2	-	23				
HI-PAR 51-CE* GX10	20W - 35W	2	0,3	-	2765	2	0,9	-	864	1	0,7	-	1259	2	1,1	0,6	790
		4	0,7	-	691	4	1,7	-	216	2	1,4	-	315	4	2,3	1,3	197
		6	1	-	307	6	2,6	-	96	3	2,1	-	140	6	3,4	1,9	88
		8	1,4	-	173	8	3,4	-	54	4	2,8	-	79	8	4,6	2,5	49
HIR-111-CE* GX8,5	35W - 70W	2	0,3	-	7232	2	0,8	-	1604	2	1,3	-	1548				
		4	0,6	-	1808	4	1,6	-	401	4	2,6	-	387				
		6	0,8	-	804	6	2,3	-	178	6	3,9	-	172				
		8	1,1	-	452	8	3,1	-	100	8	5,2	-	97				
HIT-TC-CE G8,5	35W - 70W									1	0,6	-	1195				
										2	1,2	-	299				
										3	1,8	-	133				
										4	2,4	-	75				
HIT-CE GU6,5	20W					2	0,9	-	413								
						4	1,8	-	103								
						6	2,8	-	46								
						8	3,7	-	26								

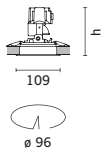
* The values shown refer to actual Lux

** The Elliptical optic is obtained by fitting the appropriate accessory. For photometric data, see catalog.iguzzini.com

Reflex professional adjustable



light source	W	height	code
	Minimal installation		
QR CBC 51 (GU5,3)	50 W 12 V	119	**M404**
	Class of Insulation III		
HI-PAR 51-CE (GX10)	Complete with electronic control gear		
	20 W	134	**M405**
	35 W	134	**M406**
	colour 12 alluminium		



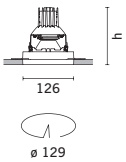
light source	W	height	code
	Frame installation		
QR CBC 51 (GU5,3)	50 W 12 V	116	**M421**
	Class of Insulation III		
HI-PAR 51-CE (GX10)	Complete with electronic control gear		
	20 W	131	**M422**
	35 W	131	**M423**
	colour 39 white/alluminium		

accessories

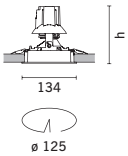
	code
Refractor for elleptical distribution for M404-M421 colour 24 clear transparent	**1111**
Coloured filters for M404-M421 colour 05 red - 06 yellow 09 sky blue - 65 nitric	**1106**

components

	code
Electronic safety transformer	
20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St	**5583**
colour 00 indeterminate	
Electronic safety transformer	
50-200 W 230/12 V Top	**5586**
50-200 W 230/12 V St	**5587**
20-60 W 230/12 V St	**5584**
50-105 W 230/12 V St	**5585**
colour 00 indeterminate	



light source	W	height	optic	code
	Minimal installation			
QR CBC 51 (GU5,3)	50 W 12 V	140		**M408**
	Class of Insulation III			
QT 12 ES (GY6,35)	100 W max 12 V	209	36°	**M407**
	Class of Insulation III			
HIT-TC-CE (G8,5)	Complete with electronic control gear			
	35 W	209	42°	**M409**
	70 W	209	34°	**M410**
	colour 12 alluminium			



light source	W	height	optic	code
	Frame installation			
QR CBC 51 (GU5,3)	50 W 12 V	139		**M425**
	Class of Insulation III			
QT 12 ES (GY6,35)	100 W max 12 V	206	36°	**M424**
	Class of Insulation III			
HIT-TC-CE (G8,5)	Complete with electronic control gear			
	35 W	206	42°	**M426**
	70 W	206	34°	**M427**
	colour 39 white/alluminium			

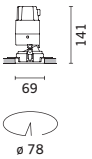
accessories

	code
Refractor for elleptical distribution for M408-M425	**1111**
for M407-M409-M410 M424-M426-M427 colour 24 clear transparent	**MWE6**
Coloured filters for M408-M425	**1106**
for M407-M409-M410 M424-M426-M427 colour 05 red - 06 yellow 09 sky blue	**MWE7**
IR filter for M407-M409-M410 M424-M426-M427 colour 24 clear transparent	**MWE8**
UV filter for M407-M409-M410 M424-M426-M427 colour 24 clear transparent	**MWE9**

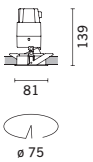
components

	code
Electronic safety transformer	
20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St	**5583**
colour 00 indeterminate	
Electronic safety transformer	
50-200 W 230/12 V Top	**5586**
50-200 W 230/12 V St	**5587**
20-60 W 230/12 V St	**5584**
50-105 W 230/12 V St	**5585**
colour 00 indeterminate	

Reflex professional adjustable



light source	W	optic	code
	Minimal installation		
QR CBC 51 (GU5,3)	50 W 12 V		**M396**
	Class of Insulation III		
QT 12 ES (GY6,35)	35 W max 12 V	10°	**M397**
	35 W max 12 V	20°	**M398**
	35 W max 12 V	36°	**M399**
	Class of Insulation III		
HI-PAR 51-CE (GX10)	Complete with electronic control gear		
	20 W		**M400**
	35 W		**M401**
HIT-CE (GU6,5)	Complete with electronic control gear		
	20 W	26°	**M402**
	35 W	26°	**M403**
	colour 12 alluminium		



light source	W	optic	code
	Frame installation		
QR CBC 51 (GU5,3)	50 W 12 V		**M416**
	Class of Insulation III		
QT 12 ES (GY6,35)	35 W max 12 V	10°	**M244**
	35 W max 12 V	20°	**M245**
	35 W max 12 V	36°	**M246**
	Class of Insulation III colour 39 white/alluminium 41 white/brass		
HI-PAR 51-CE (GX10)	Complete with electronic control gear		
	20 W		**M417**
	35 W		**M418**
HIT-CE (GU6,5)	Complete with electronic control gear		
	20 W	26°	**M419**
	35 W	26°	**M420**
	colour 39 white/alluminium		

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**MW73**
Coloured filters colour 05 red - 06 yellow 09 sky blue	**MW74**
Lower reflector to avoid reflection colour 04 black	**MWF6**
IR filter colour 24 clear transparent	**MW75**
UV filter colour 24 clear transparent	**MW76**

components

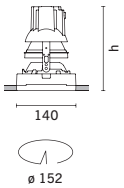
	code
Electronic safety transformer	
20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St	**5583**
colour 00 indeterminate	
Electronic safety transformer	
50-200 W 230/12 V Top	**5586**
50-200 W 230/12 V St	**5587**
20-60 W 230/12 V St	**5584**
50-105 W 230/12 V St	**5585**
colour 00 indeterminate	

Colours

12
ALLUMINIUM

39
WHITE/ALLUMINIUM

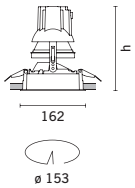
Reflex professional adjustable



light source	W	Lm	height	optic	code
LED	**Minimal installation**				
	Complete with power supply				
	Neutral white				
	30 W	2500	156	18°	**MD57**
	30 W	2500	156	24°	**MD58**
	Warm white				
	30 W	2500	156	18°	**MD59**
	30 W	2500	156	24°	**MD60**
	Neutral white DALI				
	30 W	2500	156	18°	**MD65**
	30 W	2500	156	24°	**MD66**
	Warm white DALI				
	30 W	2500	156	18°	**MD67**
	30 W	2500	156	24°	**MD68**
QR 111 (G53)	100 W	12 V	211		**M411**
	Class of Insulation III				
HIR-111-CE (GX8,5)	Complete with electronic control gear				
	35 W		211		**M412**
	70 W		211		**M413**
HIT-TC-CE (G8,5)	Complete with electronic control gear				
	35 W		211	30°	**M414**
	70 W		211	30°	**M415**

DALI versions occupies 1 address

colour 12 alluminium



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

DALI versions occupies 1 address

colour 39 white/alluminium

accessories

Refractor for elleptical distribution **MWF0**

for M414-M415-M431-M432
colour 24 clear transparent

Coloured filters **MWF1**

for M414-M415-M431-M432
colour 05 red - 06 yellow
09 sky blue

IR filter **MWF2**

for M414-M415-M431-M432
colour 24 clear transparent

UV filter **MWF3**

for M414-M415-M431-M432
colour 24 clear transparent

components

Electronic safety transformer

			code
20-60 W	230/12 V	Top	**5580**
50-105 W	230/12 V	Top	**5582**
10-60 W	230/12 V	St	**5581**
35-105 W	230/12 V	St	**5583**

colour 00 indeterminate

Electronic safety transformer

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

colour 00 indeterminate

Expò Zaragoza 2008 - Zaragoza, Spain

Architectural project: Inaki Alday / Margarita Jover
Lighting project: arch. Maurici Gines - Photo: Josè Hevia

Colours

12
ALLUMINIUM

39
WHITE/ALLUMINIUM

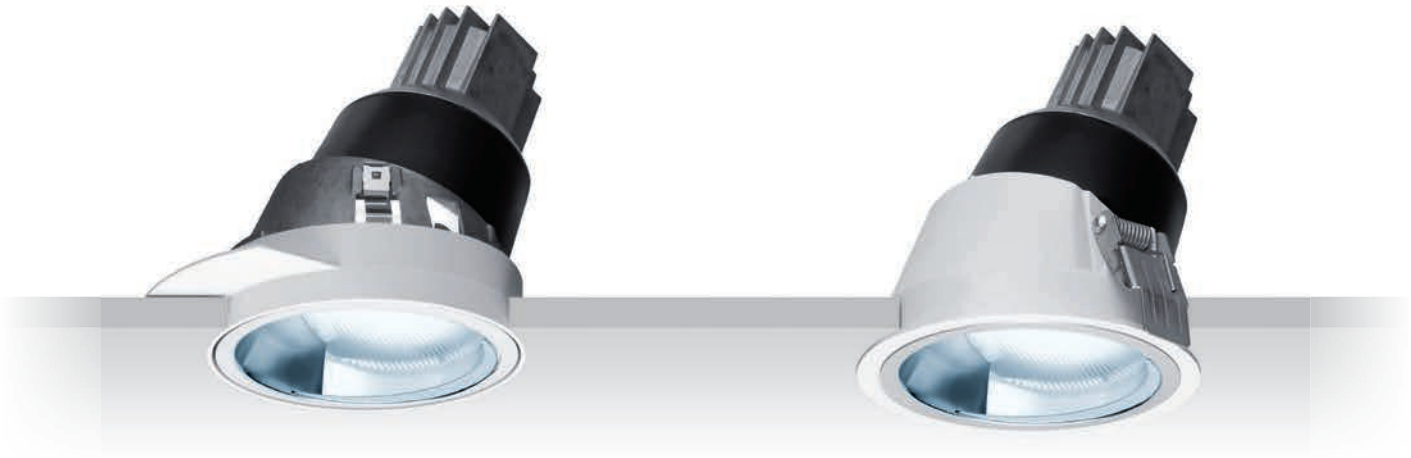
Reflex professional wall washer

Features

IP23

- Recessed installation on false ceilings; 12.5 mm thick for Minimal version, from 1 to 30 mm, from 1 to 30 mm thick for Frame version.
- Die-cast aluminium body and heat sink.
- Mirror aluminium ultrapure reflectors.

DALI PROTOCOL · EMERGENCY



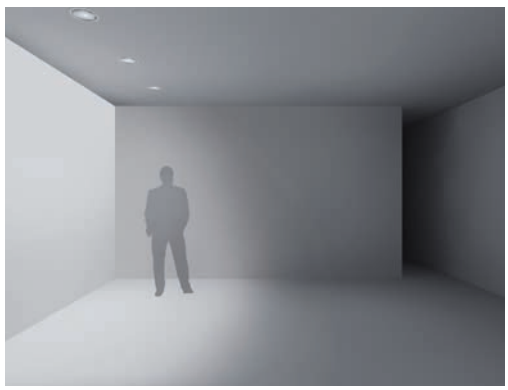
Minimal version
shape available: round

Frame version
shape available: round

Photometric values

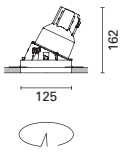
WW - Wall Washer

		h	d1	d2	Em
QT 12 GY6,35	75W	1	1,1	1,3	242
		2	2,2	2,6	61
		3	3,3	4	27
		4	4,4	5,3	15
HIT-TC-CE G8,5	35W - 70W	1	1,3	1,5	221
		2	2,5	3	55
		3	3,8	4,5	25
		4	5,1	6	14
HIT-CE G12	35W - 70W - 150W	1	1,1	1,3	228
		2	2,3	2,6	57
		3	3,4	3,9	25
		4	4,5	5,2	14
TC-TEL GR14q-1	28W - 34W	1	1,3	1,3	264
		2	2,5	2,7	66
		3	3,8	4	29
		4	5,1	5,4	16
TC-TEL GX24q-3	52W - 64W	1	1,3	1,5	254
		2	2,6	3,1	63
		3	3,9	4,6	28
		4	5,2	6,1	16
TC-DEL G24q-3	52W	1	1,3	1,5	254
		2	2,6	3,1	63
		3	3,9	4,6	28
		4	5,2	6,1	16

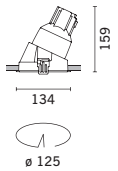


The optical system of the luminaire delivers uniform lighting of vertical surfaces without shadow areas in wall/ ceiling corners.

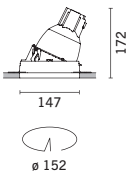
Reflex professional wall washer



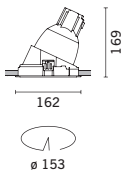
light source	W	code
	Minimal installation	
QT 12 ES (GY6,35)	75 W max 12 V	**M537**
	Class of Insulation III	
HIT-TC-CE (G8,5)	Complete with electronic control gear	
	35 W	**M538**
	70 W	**M539**
	colour 12 alluminium	



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



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



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

components

	code
Electronic safety transformer	
20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St	**5583**
colour 00 indeterminate	

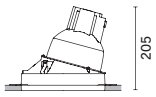
	code
Electronic safety transformer	
50-200 W 230/12 V Top	**5586**
50-200 W 230/12 V St	**5587**
20-60 W 230/12 V St	**5584**
50-105 W 230/12 V St	**5585**
colour 00 indeterminate	

Colours

12
ALLUMINIUM

39
WHITE/ALLUMINIUM

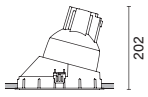
Reflex professional wall washer



ø 210

light source	W	code
	Minimal installation	
HIT-CE (G12)	35/70/150 W	**M542**

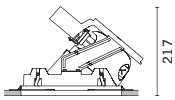
colour 12 alluminium



ø 212

light source	W	code
	Frame installation	
HIT-CE (G12)	35/70/150 W	**M548**

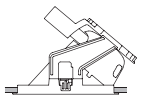
colour 39 white/alluminium



ø 250

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

colour 12 alluminium



ø 242

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

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

colour 39 white/alluminium

components

Electronic control gear

for 2x35 W HIT **4437**
Weight 0,365 - Dim. 175x79,5x32h
colour 00 indeterminate

Electronic control gear

for 35 W HIT **4466**
Weight kg. 0,320 - Dim. 225x60x37h
for 70 W HIT **4467**
Weight kg. 0,350 - Dim. 185x90x37h
for 150 W HIT **4465**
Weight kg. 0,350 - Dim. 185x90x37h
colour 00 indeterminate

Control gear complete with capacitor

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

Control gear complete with capacitor and ignitor with controlled pulses

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

Zielo Shopping Centre - Pozuelo de Alarcón, Spain
Architectural project: Estudio Martín Caballero - Photo: José Hevia

Colours

12
ALLUMINIUM

39
WHITE/ALLUMINIUM

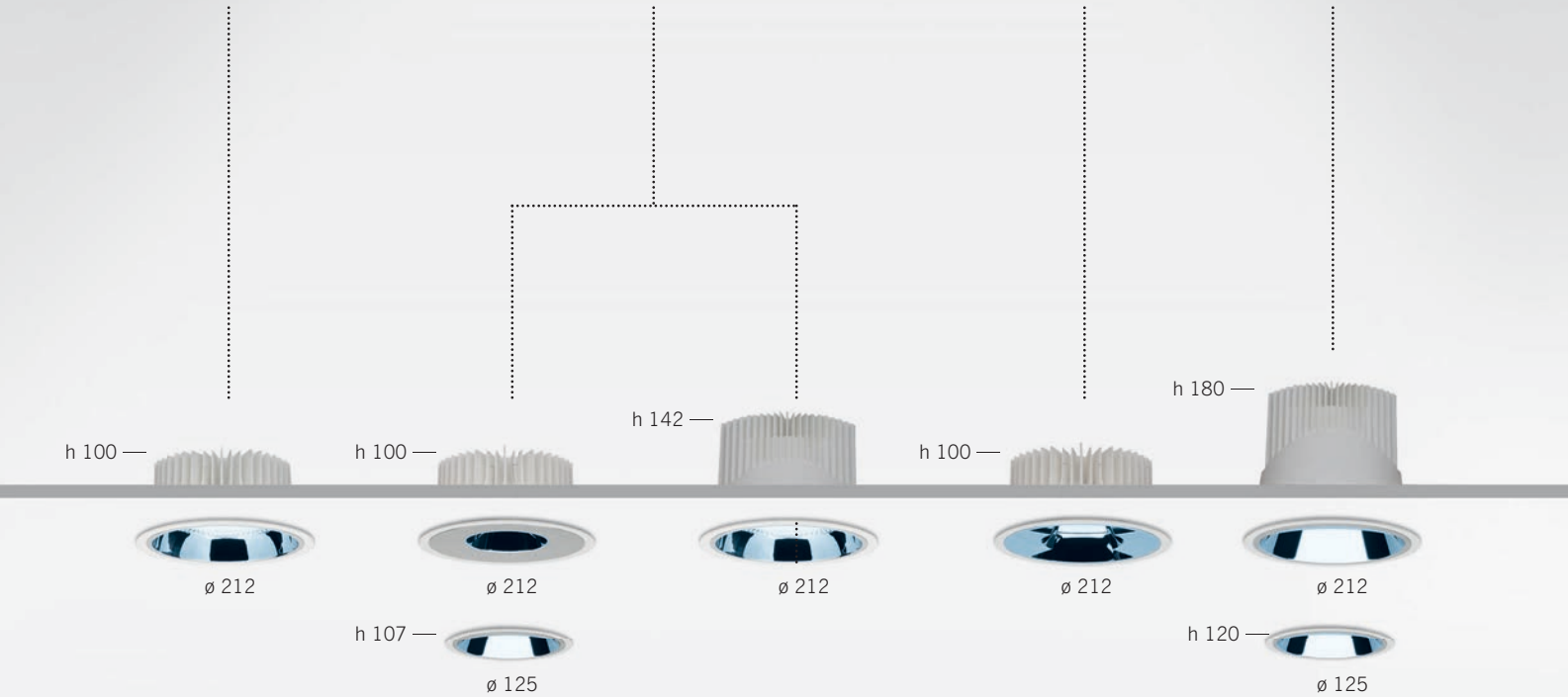
Reflex Easy

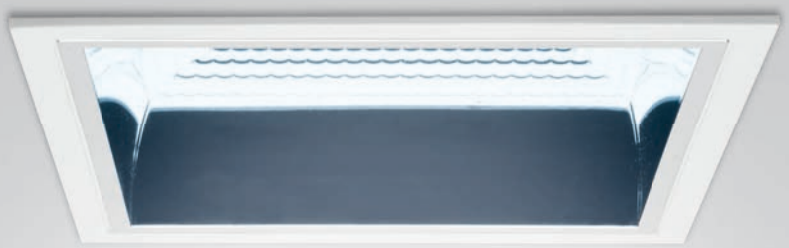
General
lighting optic

Luminance
control optic

Double
asymmetric optic

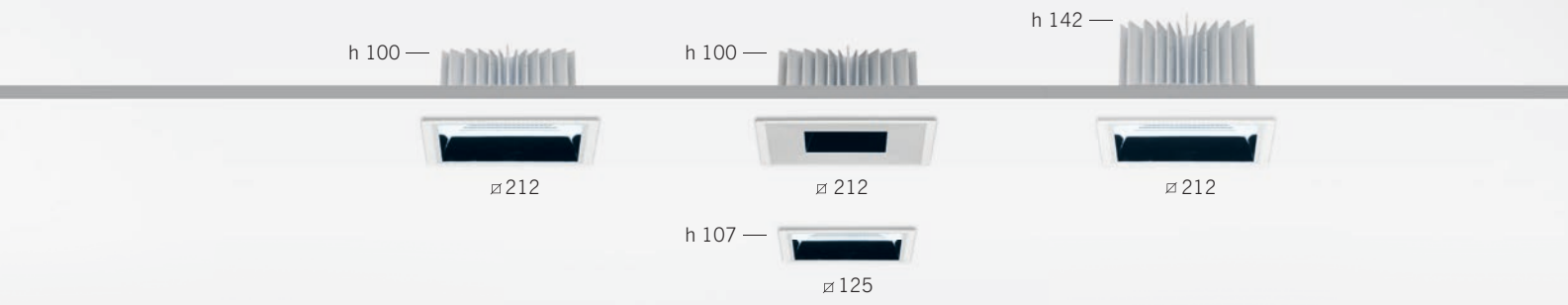
Optic
downlight wall washer





General
lighting optic

Luminance
control optic



Reflex Easy

Features

IP23

- 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.

Body and dissipator made of die-cast aluminium

LED

Transparent protection screen IP54 (accessory)

Reflector

Perimetral side (accessory)

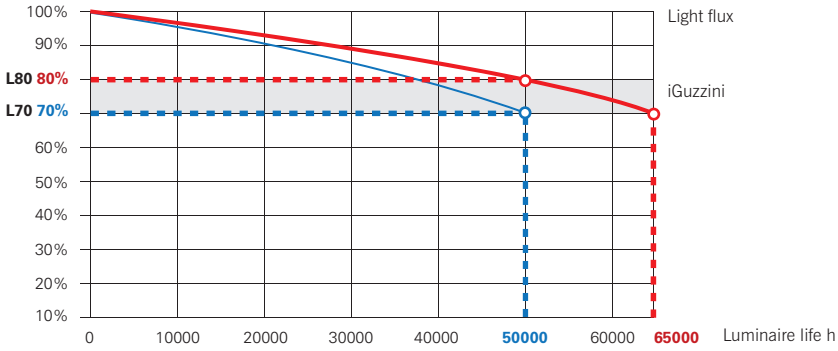
Customisation rim (accessory)

Reflex Easy

Long life of lighting installation

The average life of a LED luminaire is estimated around 50000 hours, until the flux of the light source reaches 70% (**L70**) of the initial flux. Thanks to an innovative design technology, iGuzzini luminaires maintain 80% of the luminous flux (**L80**) after 50000 hours.
The **L80** factor affects not only the life of the installation, but also energy consumption and the number of luminaires that are necessary to comply with life expectations.

With the same declared hours, the L80 factor guarantees longer life of the installation and higher energy saving.



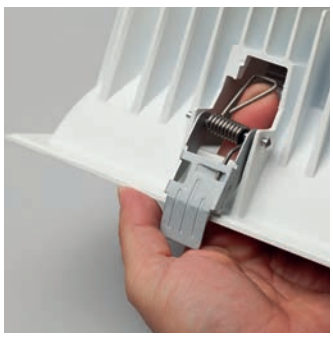
Competitor
- Maintenance factor MF=0,7
- Initial power of installation higher by 1,43 times than necessary.

iGuzzini
- Maintenance factor MF=0,8
- Initial power of installation higher by 1,25 times than necessary

Perimetral side

This accessory, as well as improving the luminaire's appearance, allows softer, more diffused lighting.
Code MWR2 also guarantees an ingress protection rating of IP44.

Springs with exclusive "lock unlock" system
Luminaire removal becomes easy and totally safe to preserve false ceiling integrity (also with fragile panels).



Reflector retention system
The springs guarantee resistant fixing, avoiding accidental fall also in areas with stress/vibrations (i.e. underground stations). Moreover, during the works in the building yard, the product can be installed and switched on without reflector. The reflector can be installed at the end of the works to guarantee cleanness.

Reflex Easy

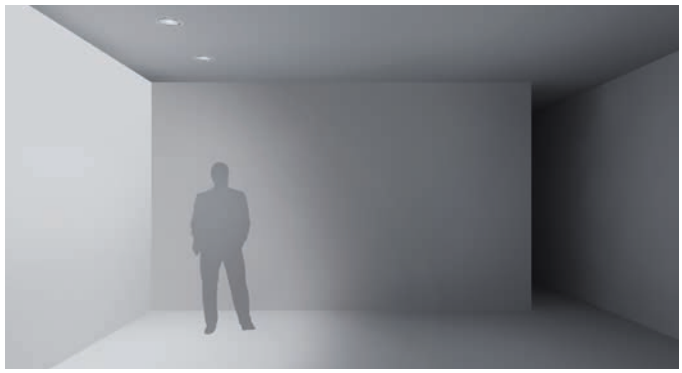
Light distribution

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

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.

Double asymmetric
This innovative optic 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.

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

Reflex Easy

Lighting design values

Round version ø 212

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,0
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	General light (h=100)				UGR<19 (h=100)				UGR<19 (h=142)			
	h=3m		h=6m		h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²	N	W/m²	N	W/m²
LED 1x22	15	6,24	24	9,98	15	6,24	18	7,49	15	6,24	18	7,49
LED 1x24	15	6,72	24	10,75	15	6,72	18	8,06	15	6,72	18	8,06
LED 1x41	10	7,36	15	11,04	10	7,36	12	8,83	10	7,36	12	8,83
LED 1x44	10	8	15	12	10	8	12	9,6	10	8	12	9,6
LED 1x15	28	8,06	40	11,52	-	-	-	-	-	-	-	-
LED 1x17	28	8,96	40	12,8	-	-	-	-	-	-	-	-

Square version ø 212

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,0
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

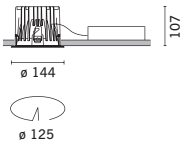
P (watt)	General light (h=100)				UGR<19 (h=100)				UGR<19 (h=142)			
	h=3m		h=6m		h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²	N	W/m²	N	W/m²
LED 1x22	18	7,49	24	9,98	15	6,24	21	8,74	15	6,24	18	7,49
LED 1x24	18	8,06	24	10,75	15	6,72	21	9,41	15	6,72	18	8,06
LED 1x41	12	8,83	15	11,04	10	7,36	15	12	10	7,36	12	8,83
LED 1x44	12	9,6	15	12	10	8	15	9,6	10	8	12	9,6
LED 1x15	32	9,22	40	11,52	-	-	-	-	-	-	-	-
LED 1x17	32	10,24	40	12,8	-	-	-	-	-	-	-	-

Round and Square Version ø 125

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,0
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	UGR<19 (circle)				UGR<19 (square)			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
LED 1x12	28	6,27	32	7,17	32	7,17	35	7,84
LED 1x13	28	7,17	32	8,19	32	7,17	35	7,84

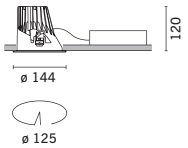
Reflex Easy



light source	W	Lm	code
LED	UGR<19		
	Complete with power supply		
	Neutral white		
	11 W	1100	MB42
	Warm white		
	13 W	1100	MB43
	Neutral white DALI		
	11 W	1100	MB44
	Warm white DALI		
	13 W	1100	MB45

IP54 - Class of Insulation II

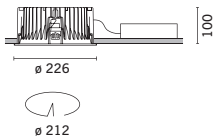
DALI versions occupies 1 address



light source	W	Lm	code
LED	Downlight wall washer		
	Complete with power supply		
	Neutral white		
	11 W	1100	MB47
	Warm white		
	13 W	1100	MB48
	Neutral white DALI		
	11 W	1100	MB49
	Warm white DALI		
	13 W	1100	MB50

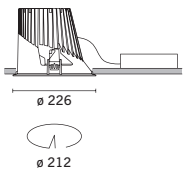
IP54 - Class of Insulation II

DALI versions occupies 1 address



LED	Double asymmetric		
	Complete with power supply		
	Neutral white		
	22 W	2000	MB66
	41 W	3000	MB68
	Warm white		
	24 W	2000	MB67
	44 W	3000	MB69
	Neutral white DALI		
	22 W	2000	MB70
	41 W	3000	MB72
	Warm white DALI		
	24 W	2000	MB71
	44 W	3000	MB73

DALI versions occupies 1 address



LED	Downlight wall washer		
	Complete with power supply		
	Neutral white		
	22 W	2000	MB92
	41 W	3000	MB94
	Warm white		
	24 W	2000	MB93
	44 W	3000	MB95
	Neutral white DALI		
	22 W	2000	MB96
	41 W	3000	MB98
	Warm white DALI		
	24 W	2000	MB97
	44 W	3000	MB99
	Warm white DALI - CRI>90		
	21 W	2000	MC43
	31 W	3000	MC44

DALI versions occupies 1 address

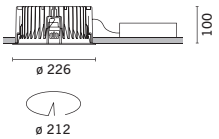
accessories

	code
Customisation rim	
for ø 125	MWP4
for ø 212	MWP5
colour 15 grey	
IP54 protection screen	MWR0
for ø 212	
colour 15 grey	

	code
Reinforcement plate for false ceilings	6024
for ø 212	
colour 00 indeterminate	

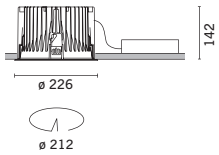
	code
Casing for concrete ceilings	6030
for ø 212	
down light wall washer	
colour 00 indeterminate	

Reflex Easy



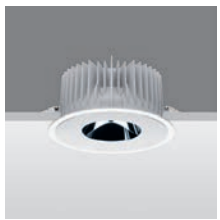
light source	W	Lm	code
LED	**General lighting**		
	Complete with power supply		
	Neutral white		
	22 W	2000	**MB52**
	41 W	3000	**MB54**
	Warm white		
	24 W	2000	**MB53**
	44 W	3000	**MB55**
	Neutral white DALI		
	22 W	2000	**MB56**
	41 W	3000	**MB58**
	Warm white DALI		
	24 W	2000	**MB57**
	44 W	3000	**MB59**
	Warm white DALI - CRI>90		
	21 W	2000	**MC39**
	31 W	3000	**MC40**
	Neutral white with inverter		
	22 W	2000	**MB60**
	Warm white with inverter		
	24 W	2000	**MB61**
	Neutral white mains voltage replaceable LED		
	18 W	1100	**MB62**
	Warm white mains voltage replaceable LED		
	20 W	1100	**MB63**

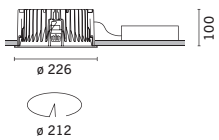
DALI versions occupies 1 address



light source	W	Lm	code
LED	**UGR<19**		
	Complete with power supply		
	Neutral white		
	22 W	2000	**MB82**
	41 W	3000	**MB84**
	Warm white		
	24 W	2000	**MB83**
	44 W	3000	**MB85**
	Neutral white DALI		
	22 W	2000	**MB86**
	41 W	3000	**MB88**
	Warm white DALI		
	24 W	2000	**MB87**
	44 W	3000	**MB89**
	Neutral white with inverter		
	22 W	2000	**MB90**
	Warm white with inverter		
	24 W	2000	**MB91**

DALI versions occupies 1 address





light source	W	Lm	code
LED	**UGR<19**		
	Complete with power supply		
	Neutral white		
	22 W	2000	**MB74**
	41 W	3000	**MB76**
	Warm white		
	24 W	2000	**MB75**
	44 W	3000	**MB77**
	Neutral white DALI		
	22 W	2000	**MB78**
	41 W	3000	**MB80**
	Warm white DALI		
	24 W	2000	**MB79**
	44 W	3000	**MB81**

DALI versions occupies 1 address

accessories

	code
Customisation rim colour 15 grey	**MWP5**
Protection screen IP54 colour 15 grey	**MWR0**

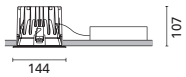
	code
Diffusing perimetral side for MB52-MB53-MB54-MB55 MB56-MB57-MB58-MB59 MB62-MB63 colour 15 grey	**MWR1**
Diffusing perimetral side with IP44 protection screen for MB52-MB53-MB54-MB55 MB56-MB57-MB58-MB59 MB62-MB63 colour 15 grey	**MWR2**

	code
Reinforcement plate for false ceilings for ø 212 colour 00 indeterminate	**6024**
Casing for concrete ceilings except for inverter versions colour 00 indeterminate	**6029**

Colours

39
WHITE/ALLUMINIUM

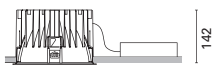
Reflex Easy



light source	W	Lm	code
LED	UGR<19		
	Complete with power supply		
	Neutral white		
	11 W	1100	MC00
	Warm white		
	13 W	1100	MC01
	Neutral white DALI		
	11 W	1100	MC02
	Warm white DALI		
	13 W	1100	MC03

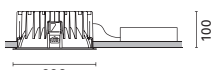
IP54 - Class of Insulation II

DALI versions occupies 1 address



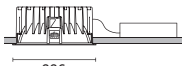
light source	W	Lm	code
LED	UGR<19		
	Complete with power supply		
	Neutral white		
	22 W	2000	MC27
	41 W	3000	MC29
	Warm white		
	24 W	2000	MC28
	44 W	3000	MC30
	Neutral white DALI		
	22 W	2000	MC31
	41 W	3000	MC33
	Warm white DALI		
	24 W	2000	MC32
	44 W	3000	MC34
	Neutral white with inverter		
	22 W	2000	MC35
	Warm white with inverter		
	24 W	2000	MC36

DALI versions occupies 1 address



light source	W	Lm	code
LED	UGR<19		
	Complete with power supply		
	Neutral white		
	22 W	2000	MC19
	41 W	3000	MC21
	Warm white		
	24 W	2000	MC20
	44 W	3000	MC22
	Neutral white DALI		
	22 W	2000	MC23
	41 W	3000	MC25
	Warm white DALI		
	24 W	2000	MC24
	44 W	3000	MC26

DALI versions occupies 1 address



light source	W	Lm	code
LED	General lighting		
	Complete with power supply		
	Neutral white		
	22 W	2000	MC05
	41 W	3000	MC07
	Warm white		
	24 W	2000	MC06
	44 W	3000	MC08
	Neutral white DALI		
	22 W	2000	MC09
	41 W	3000	MC11
	Warm white DALI		
	24 W	2000	MC10
	44 W	3000	MC12
	Warm white DALI - CRI>90		
	21 W	2000	MC47
	31 W	3000	MC48
	Neutral white with inverter		
	22 W	2000	MC13
	Warm white with inverter		
	24 W	2000	MC14
	Neutral white Mains voltage Replaceable LED		
	18 W	1100	MC15
	Warm white Mains voltage Replaceable LED		
	20 W	1100	MC16

DALI versions occupies 1 address

accessories

	code
Customisation rim for ⌀ 125 for ⌀ 212 colour 15 grey	MWQ8 MWQ9
IP54 protection screen colour 15 grey	MWR0

	code
Reinforcement plate for false ceilings for ⌀ 212 colour 00 indeterminate	6025
Casing for concrete ceilings for ⌀ 212 except for inverter versions colour 00 indeterminate	6031

Colours

39
WHITE/ALLUMINIUM

Champs Libres - Rennes, France

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

Sistema Easy

design Maurizio Varratta

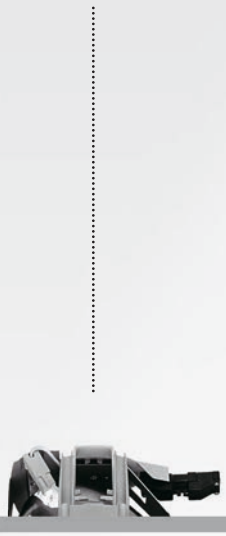
Sistema Easy MH

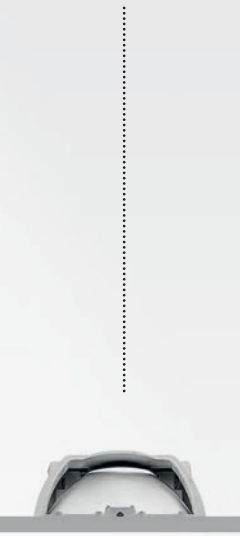
Fixed optic

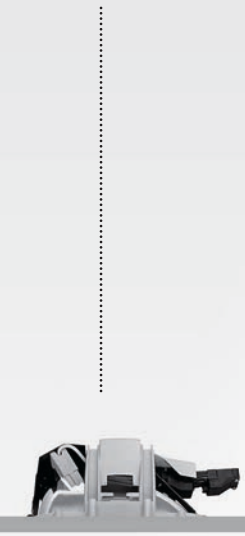
Wall washer optic

Fixed optic

Wall washer optic







ø 212

ø 212

⧄ 212

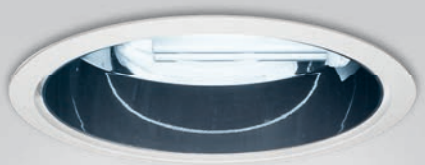
⧄ 212

page 96 - 97

New Pirelli headquarters – Milan, Italy

Architectural project: Gregotti Associati International - Photo: Paolo Carlini

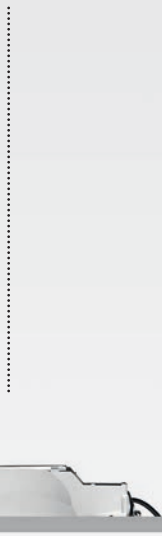
Sistema Easy FL



Fixed optic

UGR

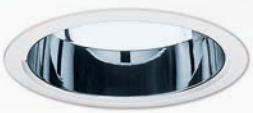
Fixed optic



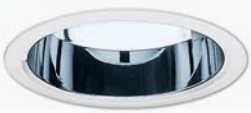
ø 212

ø 212

⧄ 212



ø 250



ø 250

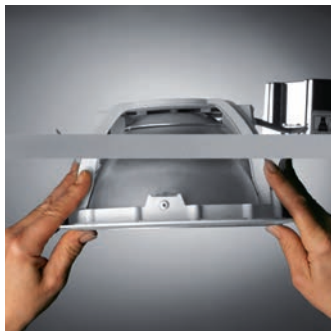
⧄ 250

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



Rapid installation

Quick-connecting terminal

Two-part reflector
(for general light version)

Sistema Easy MH

Light distribution

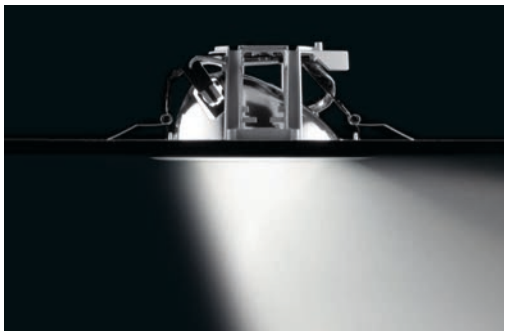
General lighting
This optic with high performance (HIT-DE-CE) reflector guarantees high level light output, reducing lighting system costs by allowing a reduction in the number of luminaires needed to achieve the light level required.

HIT-DE-CE 70W | 150W
Rx7s

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

HIT-DE-CE 70W | 150W
Rx7s

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



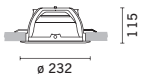
HIT-DE-CE 70W | 150W
Rx7s

Lighting design values

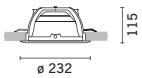
Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,0
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	General light (trasparent)				General light (diffuse)			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
HIT-DE-CE 1x70	6	7,87	8	10,5	8	10,5	10	13,12
HIT-DE-CE 1x150	3	8,16	4	10,88	4	10,88	6	16,32

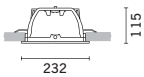
Sistema Easy MH



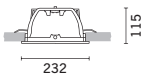
light source	W	code
	General lighting	
HIT-DE-CE (Rx7s)	High-efficiency reflector complete with safety glass	
	70 W	**3927**
	150 W	**3928**
	Diffusing glass	
	70 W	**3929**
	150 W	**3930**



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



light source	W	code
	General lighting	
HIT-DE-CE (Rx7s)	High-efficiency reflector complete with safety glass	
	70 W	**3935**
	150 W	**3936**
	Diffusing glass	
	70 W	**3937**
	150 W	**3938**



light source	W	code
	Wall washer	
HIT-DE-CE (Rx7s)	70 W	**4666**
	150 W	**4667**

accessories

Reinforcement plate for false ceilings

	code
for circular recessed luminaires	**6024**
for square recessed luminaires	**6025**

colour 00 indeterminate

Casing for concrete ceilings

	code
for 3927-3929-4663	**6029**
for 3935-3937-4666	**6031**

colour 00 indeterminate

components

Electronic control gear

		code
for 70 W	HIT	**4467**

Weight kg. 0,350 - Dim. 185x90x37h

		code
for 150 W	HIT	**4465**

Weight kg. 0,350 - Dim. 185x90x37h

colour 00 indeterminate

Control gear complete with capacitor

		code
for 70 W	HIT	**4469**

Weight kg. 1,700 - Dim. 257x92x70h

		code
for 150 W	HIT	**4470**

Weight kg. 2,550 - Dim. 332x110x77h

colour 00 indeterminate

Control gear complete with capacitor and ignitor with controlled pulses

		code
for 70 W	HIT	**4472**

Weight kg. 1,700 - Dim. 257x92x70h

		code
for 150 W	HIT	**4473**

Weight kg. 2,550 - Dim. 332x110x77h

colour 00 indeterminate

Neue Mitte Phönix - Hamburg, Germany

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

Colours

39
WHITE/ALLUMINIUM

78
GREY/ALLUMINIUM

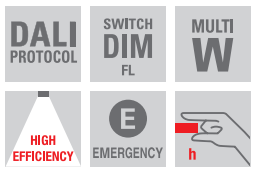
SCHUHKAY
arko
WOLSPORT
New Yorker

Sistema Easy FL

Features

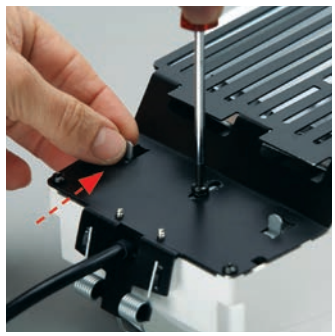
IP23

- Recessed installation in false ceilings with 1 to 25 mm
- Self-extinguishing thermoplastic body and painted sheet steel heat sink.
- Self-extinguishing thermoplastic body and painted sheet steel heat sink.



Rapid installation

Large rim



Lamp centring device
(ø 250 for version)

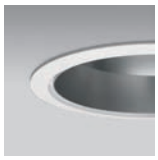
Sistema Easy FL

Light distribution

Metallized reflector
High output and controlled emission make this reflector ideal for all public areas, even large ones.
Dark-light reflector and wall washer screen can be fitted.

TC-TEL GR14q-1	2x14/17W
TC-DEL G24q-2	18W | 26W | 2x13W 2x18W | 2x26W 2x26/32/42W
TC-TEL GX24q-3	32W | 42W | 57W 2x26/32/42W

Matt reflector
The matt reflector with mid-level emission eliminates any unwanted iridescence and glare.



TC-DEL G24q-2	18W | 26W | 2x13W 2x18W | 2x26W
TC-TEL GX24q-3	32W | 2x32W

Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,0
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

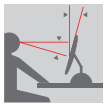
P (watt)	Metall				Matt			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
TC-D 1x18	35	11,76	54	18,14	45	15,12	60	20,16
TC-D 1x26	24	11,52	32	15,36	28	13,44	40	19,2
TC-D 2x13	54	25,92	77	36,96	60	28,8	84	40,32
TC-D 2x18	40	26,88	54	36,29	45	30,24	60	40,32
TC-D 2x26	24	23,04	36	34,56	28	26,88	40	38,4
TC-DEL 1x18	32	10,24	50	16	45	14,4	60	19,2
TC-DEL 1x26	24	10,75	32	14,34	28	12,54	40	17,92
TC-DEL 2x13	54	24,19	77	34,5	60	26,88	84	37,63
TC-DEL 2x18	40	25,6	54	34,56	45	28,8	60	38,4
TC-DEL 2x26	24	21,5	36	32,26	28	25,09	40	35,84
TC-TEL 2x14	35	17,92	50	25,6	-	-	-	-
TC-TEL 2x17	28	17,92	40	25,6	-	-	-	-
TC-TEL 1x32	18	10,08	24	13,44	28	15,68	40	22,4
TC-TEL 1x42	12	8,83	18	13,25	-	-	-	-
TC-TEL 2x32	21	23,52	28	31,26	28	31,36	40	44,8

Sistema Easy FL

Reflectors

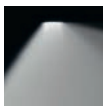
Dark-light reflector UGR<19

Can be fitted on reflector
with metallised finish



Reflector for downlight
wall washer effect

Can be fitted on reflector
with metallised finish



Screens

Transparent screen

Diffuser screen

Screen with
diffusing central part

Use of these accessories
garantees IP44
degree of protection

Indicator screen

Sistema Easy FL

Decorative screens

Tapered decorative screen

Decorative cylindrical diffuser

Use of these accessories
garantees IP44
degree of protection

Decorative glass

Rims

Customisation rim

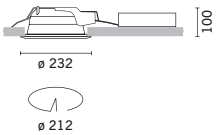
Customisation rim
with transparent screen

Customisation rim
with diffuser screen

Customisation rim
with diffusing central part

Use of these accessories
garantees IP44
degree of protection

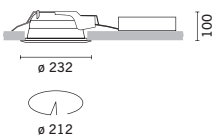
Sistema Easy FL



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

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

colour 39 white/alluminium



light source	W	code
	Matt reflector Complete with control gear	
TC-DEL (G24q-1/2/3)	Electronic	
	18 W	**3308**
	26 W	**3309**
	2x13 W	**3310**
	2x18 W	**3311**
	2x26 W	**3312**
	Inductive with inverter	
	2x18 W	**3361**
	2x26 W	**3362**
TC-TEL (GX24q-3/4)	Electronic	
	32 W	**3313**
	2x32 W	**3314**

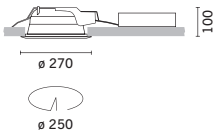
colour B5 grey/white

accessories

	code
Dark-light reflector UGR<19 for version with metallized reflector colour 12 alluminium	**6926**
Reflector for downlight wall washer effect for version with metallized no for code 6278 colour 12 alluminium	**6095**
Transparent screen IP44 colour 24 clear transparent	**6016**
Diffuser screen IP44 colour 65 nitric	**6017**
Protection screen with diffusing central part IP44 colour B7 nitric/transparent	**6035**
Customisation rim colour 15 grey It cannot be installed in combination with diffusers	**6037**
Customisation rim complete with transparent protection screen IP44 colour B6 grey/transparent (grey customisation rim)	**6038**
colour D8 white/transparent (white customisation rim)	**6039**
Customisation rim complete with diffusing protection screen IP44 colour A1 grey/nitric	**6040**
Customisation rim complete with protection screen with diffusing central part IP44 colour A1 grey/nitric	**6041**

	code
Decorative glass colour A1 grey/nitric D9 white/nitric	**6046**
Diffuser with cylindrical decor IP44 colour 65 nitric	**6018**
Diffuser with conical decor IP44 colour 65 nitric	**6019**
Indicator screen downward arrow colour A1 grey/nitric with customized grey edge and diffusing protective screen	**6999**
Indicator screen right/left arrow colour A1 grey/nitric with customized grey edge and diffusing protective screen	**6998**
Indicator screen downward arrow colour 65 nitric with diffusing protective screen	**6997**
Indicator screen right/left arrow colour 65 nitric with diffusing protective screen	**6996**
Reinforcement plate for false ceilings colour 00 indeterminate	**6024**
Casing for concrete ceilings no for 3284-3290-3359 3360-3361-3362-6278 colour 00 indeterminate	**6029**

Sistema Easy FL



light source	W	code
	Metallized reflector Complete with control gear	
TC-DEL (G24q-3)	Electronic	
	2x26/32/42 W	**6283**
TC-TEL (GX24q-3/4)	DALI	
	2x26/32/42 W	**6285***
	Emergency light with inverter	
	2x26/32/42 W	**6287***
TC-TEL (GX24q-5)	Electronic	
	57 W	**6284**
	DALI	
	57 W	**6286**

DALI versions occupies 1 address
* Class of Insulation I

colour 39 white/alluminium

accessories

	code
Dark-light reflector UGR<19 colour 12 alluminium	**9676**
Transparent screen IP44 colour 24 clear transparent	**9613**
Diffuser screen IP44 colour 65 nitric	**9614**
Protection screen with diffusing central part IP44 colour B7 nitric/transparent	**9615**

	code
Indicator screen downward arrow colour 65 nitric With diffusing protective screen	**9644**
Indicator screen right/left arrow colour 65 nitric With diffusing protective screen	**9645**
Reinforcement plate for false ceilings colour 00 indeterminate	**9648**
Casing for concrete ceilings except for amalgam sources colour 00 indeterminate	**9674**

Colours

39
WHITE/ALLUMINIUM

B5
GREY/WHITE

Sistema Easy FL

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

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

colour 39 white/alluminium

light source	W		code
	Matt reflector Complete with control gear		
TC-DEL (G24q-1/2/3)	Electronic		
	18 W	100	**3872**
	26 W	100	**3873**
	2x13 W	100	**3874**
	2x18 W	100	**3875**
	2x26 W	100	**3876**
	Inductive with inverter		
	2x18 W	100	**3925**
	2x26 W	100	**3926**
TC-TEL (GX24q-3)	Electronic		
	32 W	100	**3877**
	2x32 W	100	**3878**

colour B5 grey/white

accessories

		code
	Dark-light reflector UGR<19 for version with metallized reflector colour 12 alluminium	**6930**
	Reflector for downlight wall washer effect for version with metallized no for 6281 colour 12 alluminium	**6096**
	Transparent screen IP44 colour 24 clear transparent	**6020**
	Diffuser screen IP44 colour 65 nitric	**6021**
	Protection screen with diffusing central part IP44 colour B7 nitric/transparent	**6036**
	Customisation rim colour 15 grey It cannot be installed in combination with diffusers	**6042**

		code
	Customisation rim complete with transparent protection screen IP44 colour B6 grey/transparent	**6043**
	Customisation rim complete with diffusing protection screen IP44 colour A1 grey/nitric	**6044**
	Rim protection screen with diffusing central part IP44 colour A1 grey/nitric	**6045**
	Reinforcement plate for false ceilings colour 00 indeterminate	**6025**
	Casing for concrete ceilings no for 3923-3924 6281-3925-3926 colour 00 indeterminate	**6031**

Sistema Easy FL

light source	W		code
	Metallized reflector Complete with control gear		
TC-DEL (G24q-3)	Electronic		
	2x26/32/42 W	100	**6289**
TC-TEL (GX24q-3/4)	DALI		
	2x26/32/42 W	100	**6291***
	Emergency light with inverter		
	2x26/32/42 W	100	**6293***
TC-TEL (GX24q-5)	Electronic		
	57 W	100	**6290**
	DALI		
	57 W	100	**6292**

DALI versions occupies 1 address
* Class of Insulation I

colour 39 white/alluminium

accessories

	code
Dark-light reflector UGR<19 colour 12 alluminium	**9677**
Transparent screen IP44 colour 24 clear transparent	**9616**
Diffuser screen IP44 colour 65 nitric	**9617**
Protection screen with diffusing central section IP44 colour B7 nitric/transparent	**9618**

	code
Indicator screen right/left arrow colour 65 nitric With diffusing protective screen	**9647**
Reinforcement plate for false ceilings colour 00 indeterminate	**9649**
Casing for concrete ceilings except for amalgam sources colour 00 indeterminate	**9675**

Colours

39 WHITE/ALLUMINIUM	B5 GREY/WHITE

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 reflective surface.

Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,0
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h =height of space

P (watt)	UGR<19			
	h=3m		h=6m	
	N	W/m²	N	W/m²
TC-D 1x18	40	13,44	54	18,14
TC-D 1x26	28	13,44	35	16,8
TC-D 2x13	66	31,68	35	40,32
TC-D 2x18	50	33,6	84	40,32
TC-D 2x26	32	30,72	60	38,4
TC-TEL 2x14	40	19,2	40	25,92
TC-TEL 2x17	32	20,48	40	25,6
TC-DEL 1x18	40	12,8	54	17,28

P (watt)	UGR<19			
	h=3m		h=6m	
	N	W/m²	N	W/m²
TC-DEL 1x26	28	13,89	35	17,36
TC-DEL 2x13	66	29,57	84	37,63
TC-DEL 2x18	50	32	60	38,4
TC-DEL 2x26	28	25,54	35	31,92
TC-TEL 1x32	21	11,76	28	15,68
TC-TEL 1x42	15	11,04	21	15,46
TC-TEL 2x32	28	31,36	32	35,84
TC-TEL 2x42	15	22,08	18	26,5

Sistema Easy Comfort FL

Screens

Transparent screen

The use of this accessories garantees IP44 degree of protection

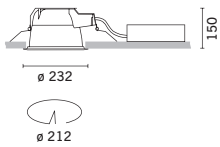
Rims

Customisation rim

Customisation rim with transparent screen

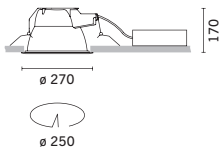
The use of this accessories garantees IP44 degree of protection

Sistema Easy Comfort FL



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

DALI versions (class of insulation I)
Occupies 1 DALI address



light source	W	code
	Metallized reflector Complete with control gear	
TC-TEL (GR14q-1)	Electronic	
	2x14/17 W	**8379**
	DALI	
	2x14/17 W	**8388***
	Emergency light with inverter	
	2x14/17 W	**8389***
TC-DEL (G24q-3)	Electronic	
	2x26/32/42 W	**8397**
TC-TEL (GX24q-3/4/5)	DALI	
	2x26/32/42 W	**8398**
	Emergency light with inverter	
	2x26/32/42 W	**8399***

DALI versions occupies 1 address
* Class of Insulation I

accessories

	code
Customisation rim for ø 212 colour 15 grey	**6037**
Transparent screen IP44 for ø 250 colour 24 clear transparent	**9613**

	code
Customisation rim complete with transparent protection screen IP44 for ø 212 colour B6 grey/transparent (grey rim)	**6038**
for ø 212 colour D8 white/transparent (white rim)	**6039**

Federico II University - Naples, Italy
Photo: Giuseppe Saluzzi

Colours

39
WHITE/ALLUMINIUM

Pixel Pro

design Iosa Ghini

iF Design Award

Pixel Pro Frame

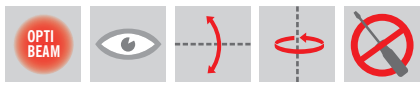
Pixel Pro

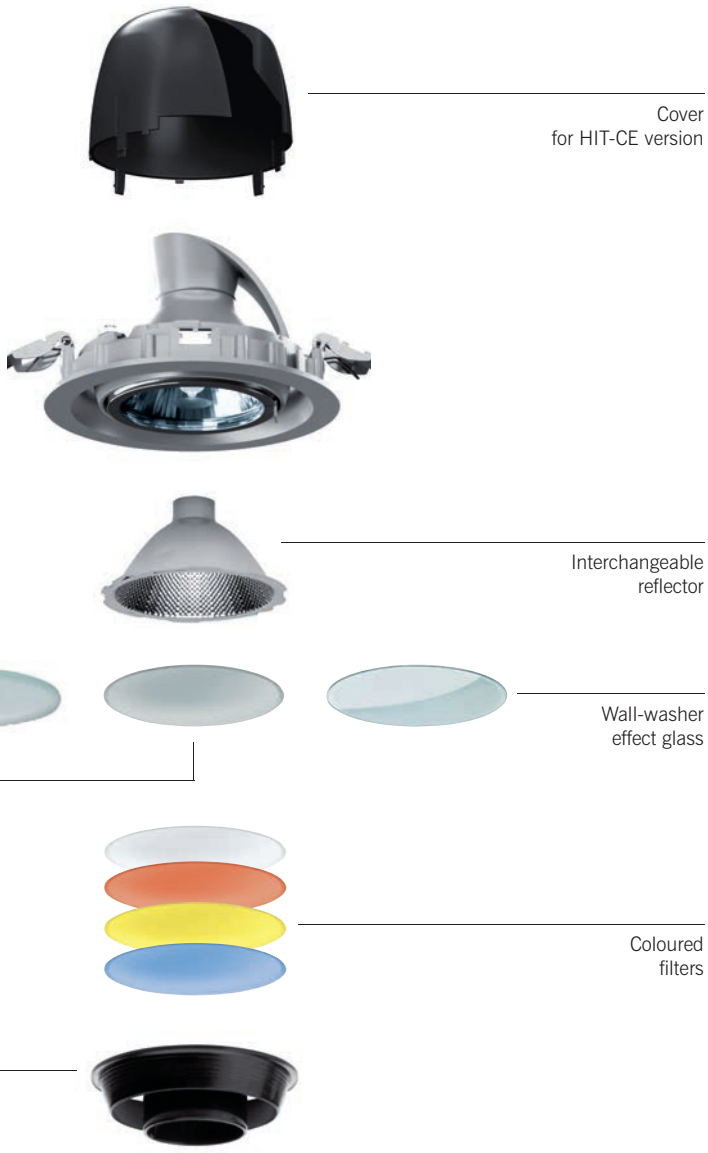
Pixel Pro

Features

IP20

- Recessed installation in false ceilings with 1 to 30 mm.
- Manufactured with recyclable materials: aluminium and steel.
- LED versions with warm and neutral monochromatic white emission; available with passive dissipation – with lamellar radiator – or active dissipation – with cooling fan; all models are fitted with an integrated electronic control gear.
- Versions with latest generation discharge lamps with integrated electronic control gear (except for HIT - G12 models); available in versions with high performing optics (ECA compliance).





Pixel Pro

Dimensions

ø 110

ø 137

ø 205

Adjustability

The luminaire's twin internal/external adjustability provides a wide range of lighting design customisation possibilities.
Rotates 360° about the horizontal axis; external angle 75°, internal angle 45°.

Heat dissipation

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

Active dissipation
20 db

Passive dissipation

Pixel Pro

Photometric values

S - Spot

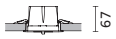
M - Medium

F - Flood

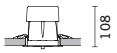
WF - Wide-Flood

		S h	S d1	S d2	S Em	M h	M d1	M d2	M Em	F h	F d1	F d2	F Em	WF h	WF d1	WF d2	WF Em
LED	9W - 23W PASSIVE DISSIPATION	2	0,3	-	1247	2	0,7	-	499	1	0,8	-	1065	1	1,2	-	683
		4	0,7	-	312	4	1,4	-	125	2	1,5	-	266	2	2,3	-	171
		6	1	-	139	6	2,1	-	55	3	2,3	-	118	3	3,5	-	76
		8	1,4	-	78	8	2,8	-	31	4	3,1	-	67	4	4,6	-	43
LED	37W ACTIVE DISSIPATION					2	0,7	-	499	1	0,8	-	1065	1	1,2	-	683
						4	1,4	-	125	2	1,5	-	266	2	2,3	-	171
						6	2,1	-	55	3	2,3	-	118	3	3,5	-	76
						8	2,8	-	31	4	3,1	-	67	4	4,6	-	43
LED	30W - 44W					2	0,7	-	685	2	1,4	-	333	1	0,9	-	995
						4	1,4	-	171	4	2,8	-	83	2	1,8	-	249
						6	2,1	-	76	6	4,1	-	37	3	2,7	-	111
						8	2,8	-	43	8	5,5	-	21	4	3,6	-	62
HIT-TC-CE G8,5	35W - 50W - 70W	2	0,3	-	2262	2	1	-	497	2	1,1	-	380	1	0,9	-	792
		4	0,7	-	566	4	2	-	124	4	2,3	-	95	2	1,8	-	198
		6	1	-	251	6	3	-	55	6	3,4	-	42	3	2,7	-	88
		8	1,4	-	141	8	4	-	31	8	4,6	-	24	4	3,6	-	50
HIT-CE GU6,5	20W - 35W	2	0,2	-	3632	2	0,5	-	1133	1	0,8	-	696				
		4	0,4	-	908	4	1	-	283	2	1,6	-	174				
		6	0,6	-	404	6	1,5	-	126	3	2,4	-	77				
		8	0,8	-	227	8	2	-	71	4	3,2	-	44				
HIT-CE G12	35W - 50W - 70W 100W - 150W	2	0,3	-	1638	1	0,5	-	1184								
		4	0,7	-	410	2	1	-	296								
		6	1	-	182	3	1,5	-	132								
		8	1,4	-	102	4	2	-	74								

Pixel Pro

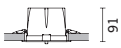


light source	W	Lm	optic	code
LED	**Passive dissipation**			
	Complete with power supply			
	Neutral white			
	9 W	820	10°	**MD77**
	9 W	820	26°	**MD78**
	Warm white			
	9 W	750	10°	**MD79**
	9 W	750	26°	**MD80**



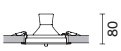
light source	W	Lm	optic	code
LED	**Active dissipation**			
	Complete with power supply			
	Neutral white			
	19 W	1400	10°	**MD81**
	19 W	1400	26°	**MD82**
	Warm white			
	19 W	1280	10°	**MD83**
	19 W	1280	26°	**MD84**

accessories



light source	W	Lm	optic	code
LED	**Passive dissipation**			
	Complete with power supply			
	Neutral white			
	23 W	2000	15°	**MM31**
	23 W	2000	22°	**MD91**
	23 W	2000	42°	**MD92**
	23 W	2000	60°	**MD93**
	Warm white			
	23 W	2000	15°	**MM32**
	23 W	2000	22°	**MD94**
	23 W	2000	42°	**MD95**
	23 W	2000	60°	**MD96**

LED	**Active dissipation**			
	Complete with power supply			
	Neutral white			
	37 W	3000	15°	**MM33**
	37 W	3000	22°	**MD97**
	37 W	3000	42°	**MD98**
	37 W	3000	60°	**MD99**
	Warm white			
	37 W	3000	15°	**MM34**
	37 W	3000	22°	**ME00**
	37 W	3000	42°	**ME01**
	37 W	3000	60°	**ME02**



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

	code
Refractor for elleptical distribution colour 24 clear transparent	**1191**
Wall washer effect glass colour 65 nitric	**MXG6**
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**4491**
UV filter colour 24 clear transparent	**4497**

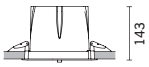
	code
Spill-ring for HIT-CE colour 04 black	**MX58**
Interchanging reflectors for discharge lamps HIT-CE medium colour 12 alluminium	**MX64**
Cover for HIT-CE version colour 04 black	**MX62**

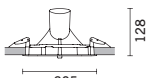
Colours

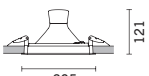
39
WHITE/ALLUMINIUM

78
GREY/ALLUMINIUM

Pixel Pro







light source	W	Lm	optic	code
LED	**Passive dissipation**			
	Complete with power supply			
	Neutral white			
	37 W	3000	12°	**MM35**
	30 W	3000	20°	**ME21**
	30 W	3000	38°	**ME22**
	30 W	3000	48°	**ME23**
	44 W	4000	20°	**ME27**
	44 W	4000	38°	**ME28**
	44 W	4000	48°	**ME29**
	Warm white			
	37 W	3000	12°	**MM36**
	30 W	3000	20°	**ME24**
	30 W	3000	38°	**ME25**
	30 W	3000	48°	**ME26**
	44 W	4000	20°	**ME30**
	44 W	4000	38°	**ME31**
	44 W	4000	48°	**ME32**
HIT-CE (G12)	20/35/70/150 W		8°	**ME15***
	20/35/70/150 W		28°	**ME16***
	Complete with electronic control gear			
	50 W		8°	**ME17**
	50 W		28°	**ME18**
	100 W		10°	**ME19**
	100 W		28°	**ME20**
HIT-TC-CE (G8,5)	Complete with electronic control gear			
	35 W		8°	**ME03**
	35 W		28°	**ME04**
	50 W		10°	**ME05**
	50 W		28°	**ME06**
	50 W		48°	**ME07**
	70 W		10°	**ME08**
	70 W		28°	**ME09**
	70 W		48°	**ME10**
	High-efficiency reflector			
	Complete with electronic control gear			
	35 W		10°	**ME11**
	35 W		30°	**ME12**
	70 W		10°	**ME13**
	70 W		30°	**ME14**

* Control gear to be ordered separately.

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

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**9539**
Wall washer effect glass colour 65 nitric	**MX60**
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**8782**
UV filter colour 24 clear transparent	**MX61**
Spill-ring for HIT-CE - HIT-TC-CE colour 04 black	**MX59**
Interchanging reflectors for discharge lamps HIT-TC-CE medium colour 12 alluminium	**MX65**
Cover for HIT-CE - HIT-TC-CE version colour 04 black	**MX63**

components

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

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

Colours

39
WHITE/ALLUMINIUM

78
GREY/ALLUMINIUM

BUCHERER
ROLEX
BUCHERER
BUCHERER
BUCHERER

Pixel Pro Frame

Features

IP20

- Recessed installation in false ceilings with 1 to 30 mm.
- Manufactured with recyclable materials: aluminium and steel.
- Available in the single square and rectangular versions with 2 and 3 compartments and perimeter rim.
- LED versions with warm and neutral monochromatic white emission; available with passive dissipation – with lamellar radiator – or active dissipation – with cooling fan; all models are fitted with an integrated electronic control gear.
- Versions with latest generation discharge lamps with integrated electronic control gear.

151 x 151

282 x 151

398 x 151

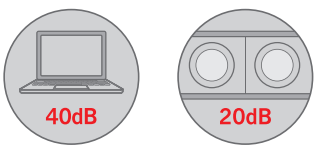
Pixel Pro Frame

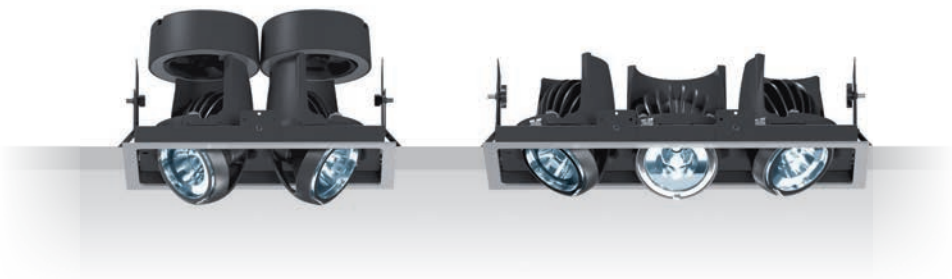
Adjustability

The luminaire's twin internal/external adjustability provides a wide range of lighting design customisation possibilities.

Heat dissipation

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





Active dissipation
20 db

Passive dissipation

Pixel Pro Frame

Photometric values

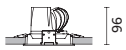
S - Spot

M - Medium

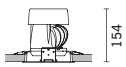
F - Flood

WF - Wide-Flood

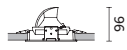
		S h	S d1	S d2	S Em	M h	M d1	M d2	M Em	F h	F d1	F d2	F Em	WF h	WF d1	WF d2	WF Em
LED	23W PASSIVE DISSIPATION					2	0,7	-	499	1	0,8	-	1065	1	1,2	-	683
						4	1,4	-	125	2	1,5	-	266	2	2,3	-	171
						6	2,1	-	55	3	2,3	-	118	3	3,5	-	76
						8	2,8	-	31	4	3,1	-	67	4	4,6	-	43
LED	37W ACTIVE DISSIPATION					2	0,7	-	499	1	0,8	-	1065	1	1,2	-	683
						4	1,4	-	125	2	1,5	-	266	2	2,3	-	171
						6	2,1	-	55	3	2,3	-	118	3	3,5	-	76
						8	2,8	-	31	4	3,1	-	67	4	4,6	-	43
HIT-CE GU6,5	35W	2	0,3	-	2404	2	0,5	-	962	2	1	-	382	1	0,8	-	696
		4	0,6	-	601	4	1	-	241	4	2	-	95	2	1,6	-	174
		6	0,8	-	267	6	1,5	-	107	6	3	-	42	3	2,4	-	77
		8	1,1	-	150	8	2	-	60	8	4	-	24	4	3,2	-	44



light source	W	Lm	optic	code
LED	**Passive dissipation**			
	Complete with power supply			
	Neutral white			
	23W	2000	60°	**MF13**
	Warm white			
	23W	2000	22°	**MF14**
	23W	2000	42°	**MF15**
	23W	2000	60°	**MF16**



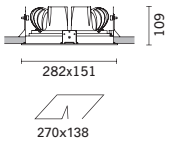
light source	W	Lm	optic	code
LED	**Active dissipation**			
	Complete with power supply			
	Neutral white			
	37W	3000	60°	**ML16**
	Warm white			
	37W	3000	22°	**ML17**
	37W	3000	42°	**ML18**
	37W	3000	60°	**ML19**



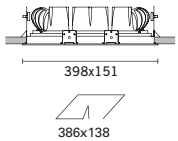
light source	W	optic	code
HIT-CE (GU6,5)	Complete with electronic control gear		
	35W	8°	**MF04**
	35W	28°	**MF05**
	35W	46°	**MF06**

Class of Insulation I

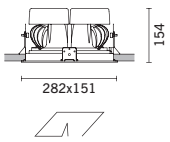
Pixel Pro Frame



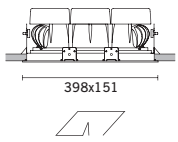
light source	W	Lm	optic	code
LED	**Passive dissipation**			
	Complete with power supply			
	Neutral white			
	2x23 W	2000	60°	**MF17**
	Warm white			
	2x23 W	2000	22°	**MF18**
	2x23 W	2000	42°	**MF19**
	2x23 W	2000	60°	**MF20**



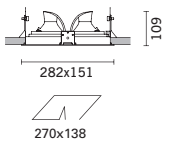
light source	W	Lm	optic	code
LED	**Passive dissipation**			
	Complete with power supply			
	Neutral white			
	3x23 W	2000	60°	**MF21**
	Warm white			
	3x23 W	2000	22°	**MF22**
	3x23 W	2000	42°	**MF23**
	3x23 W	2000	60°	**MF24**



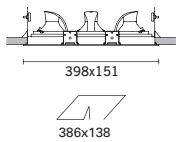
LED	**Active dissipation**			
	Complete with power supply			
	Neutral white			
	2x37 W	3000	60°	**ML20**
	Warm white			
	2x37 W	3000	22°	**ML21**
	2x37 W	3000	42°	**ML22**
	2x37 W	3000	60°	**ML23**



LED	**Active dissipation**			
	Complete with power supply			
	Neutral white			
	3x37 W	3000	60°	**ML24**
	Warm white			
	3x37 W	3000	22°	**ML25**
	3x37 W	3000	42°	**ML26**
	3x37 W	3000	60°	**ML27**



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



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

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**1191**
Wall washer effect glass colour 65 nitric	**MXG6**

	code
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**4491**
UV filter colour 24 clear transparent	**4497**

	code
Spill-ring for HIT-CE colour 04 black	**MX58**
Interchanging reflectors for discharge lamps HIT-CE medium	**MX64**
colour 12 alluminium	

	code
Cover for HIT-CE version colour 04 black	**MX62**

Colours

39
WHITE/ALLUMINIUM

E1
GREY/BLACK/ALLUMINIUM

Pixel Plus

ø 100 ø 175 ø 195

Colonys store - Zurich, Switzerland

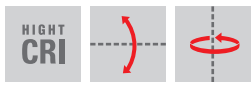
Architectural project: Ivo Tschümperlin / Retailpartners AG - Lighting project: Retailpartners AG - Photo: Günter Laznia

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.



Refractor for elleptical distribution

Wall washer effect glass

UV filter

Coloured filters

Spill-ring

Accessory for Wall Washer effect

Spill ring

Front frame connected to the reflector

Pixel Plus

Photometric values

S - Spot

M - Medium

F - Flood

E - Elliptical**

WW - Wall Washer**

		S - Spot				M - Medium				F - Flood				E - Elliptical**				WW - Wall Washer**			
		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	10W - 17W	2	0,2	-	4707	2	0,4	-	956												
		4	0,4	-	1177	4	0,8	-	239												
		6	0,6	-	523	6	1,3	-	106												
		8	0,8	-	294	8	1,7	-	60												
QR-CBC 51*	50W	2	0,3	-	2530	2	0,7	-	909	2	1,4	-	462								
GU5,3		4	0,7	-	632	4	1,4	-	227	4	2,8	-	115								
		6	1	-	281	6	2,1	-	101	6	4,1	-	51								
		8	1,4	-	158	8	2,8	-	57	8	5,5	-	29								
QR 111*	75W	2	0,2	-	5538	2	0,9	-	1101	2	1,5	-	357	2	1,8	0,2	629				
G53		4	0,4	-	1385	4	1,7	-	275	4	3,1	-	89	4	3,6	0,4	157				
		6	0,6	-	615	6	2,6	-	122	6	4,6	-	40	6	5,5	0,6	70				
		8	0,8	-	346	8	3,4	-	69	8	6,1	-	22	8	7,3	0,8	39				
QT 12	75W									1	1,5	-	464								
GY6,35										2	3	-	116								
										3	4,5	-	52								
										4	6	-	29								
QT 12	100W	2	0,3	-	3144					1	0,7	-	881	2	2	0,3	540	1	0,7	0,8	544
GY6,35		4	0,6	-	786					2	1,4	-	220	4	3,9	0,6	135	2	1,3	1,7	136
		6	0,8	-	349					3	2,1	-	98	6	5,9	0,9	60	3	2	2,5	60
		8	1,1	-	196					4	2,8	-	55	8	7,8	1,3	34	4	2,7	3,4	34
HIT-TC-CE	20W - 35W - 70W	2	0,4	-	1886	2	0,6	-	749	1	0,6	-	853	1	0,6	0,2	1236	1	0,6	0,6	634
G8,5		4	0,8	-	472	4	1,1	-	187	2	1,1	-	213	2	1,3	0,4	309	2	1,3	1,2	158
		6	1,3	-	210	6	1,7	-	83	3	1,7	-	95	3	1,9	0,6	137	3	1,9	1,8	70
		8	1,7	-	118	8	2,2	-	47	4	2,3	-	53	4	2,5	0,8	77	4	2,6	2,4	40
HIT-CE	20W - 35W - 70W	2	0,3	-	2997	2	0,5	-	1018	1	0,7	-	771	2	1,1	0,6	338	1	0,7	0,7	510
G12	150W	4	0,6	-	749	4	1	-	255	2	1,4	-	193	4	2,3	1,1	84	2	1,5	1,4	128
		6	0,8	-	333	6	1,5	-	113	3	2,1	-	86	6	3,4	1,7	38	3	2,2	2,1	57
		8	1,1	-	187	8	2	-	64	4	2,8	-	48	8	4,6	2,2	21	4	2,9	2,8	32
HST	35W - 50W - 100W	2	0,4	-	1117					1	0,8	-	659					1	1,2	0,9	398
PG12-1		4	0,8	-	279					2	1,6	-	165					2	2,4	1,8	99
		6	1,3	-	124					3	2,4	-	73					3	3,5	2,7	44
		8	1,7	-	70					4	3,2	-	41					4	4,7	3,6	25
QT 32	150W									1	1	-	652					1	0,6	0,7	557
E27										2	2	-	163					2	1,1	1,5	139
										3	2,9	-	72					3	1,7	2,2	62
										4	3,9	-	41					4	2,3	2,9	35

* The values shown refer to actual Lux

** Elliptical and Wall Washer optics are obtained by installing the respective accessories.
For photometric data, see catalog.iguzzini.com

CRI Color Rendering Index

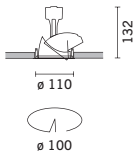
Retail and museum areas need lighting that is carefully crafted and precisely enhances the colours of metals, fabrics or works of art.

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

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

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

Pixel Plus



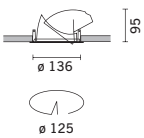
light source	W	optic	code
QR CBC 51 (GU5,3)	50 W 12 V		4264
	Class of Insulation III		
QT 12 ES (GY6,35)	75 W max 12 V	74°	4265
	IP23 - Class of Insulation III		

accessories

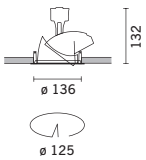
	code
Coloured filters for 4264 colour 05 red - 06 yellow 09 sky blue - 24 clear transparent 65 nitric	8658
Spill-ring for 4265 colour 04 black	9545
Casing for concrete ceilings colour 00 indeterminate	9519

components

	code
Electronic safety transformer	
20-60 W 230/12 V Top	5580
50-105 W 230/12 V Top	5582
10-60 W 230/12 V St	5581
35-105 W 230/12 V St	5583
colour 00 indeterminate	
Electronic safety transformer	
50-200 W 230/12 V Top	5586
50-200 W 230/12 V St	5587
20-60 W 230/12 V St	5584
50-105 W 230/12 V St	5585
colour 00 indeterminate	



light source	W	Lm	optic	code
LED	Complete with power supply			
	Neutral white - CRI 75			
	10 W	930	6°	4659
	10 W	930	12°	4661
	17 W	1600	12°	M350
	17 W	1600	20°	M352
	Warm white - CRI 85			
	10 W	930	6°	4660
	10 W	930	12°	4662
	17 W	1600	12°	M351
	17 W	1600	20°	M353
	Warm white - CRI 90			
	10 W	820	6°	MM20
	10 W	820	12°	MM21
	17 W	1400	12°	MM22
	17 W	1400	20°	MM23
	ENEC 15 approved products			



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

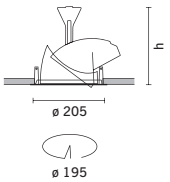
accessories

	code
Refractor for elleptical distribution no for LED colour 24 clear transparent	1191
Wall-washer effect glass for 4267-4269-4271 4279-MC76 colour B7 nitric transparent	4494
Coloured filters for 4266-4267-4270-4271 4278-4279-MC75-MC76 colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	4491
UV filter for HIT-TC-CE colour 24 clear transparent	4497
Spill-ring no for LED colour 04 black	9546
Casing for concrete ceilings for QT12 colour 00 indeterminate	9548

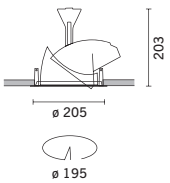
components

	code
Electronic safety transformer	
20-60 W 230/12 V Top	5580
50-105 W 230/12 V Top	5582
10-60 W 230/12 V St	5581
35-105 W 230/12 V St	5583
colour 00 indeterminate	
Electronic safety transformer	
50-200 W 230/12 V Top	5586
50-200 W 230/12 V St	5587
20-60 W 230/12 V St	5584
50-105 W 230/12 V St	5585
colour 00 indeterminate	

Pixel Plus

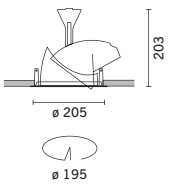


light source	W	height	optic	code
QR 111 (G53)	75 W 12 V	173		**4276**
	IP23 - Class of Insulation III			
QT 32 (E27)	150 W	203	52°	**4277**
	IP23 - Class of Insulation II			
HST (PG12-1)	35/50/100 W	217	12°	**4274**
	35/50/100 W	217	44°	**4275**
	IP23 - Class of Insulation I			



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

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



	Visual comfort reflector			
HIT-CE (G12)	20/35/50/70/150 W		12°	**4272**
	20/35/50/70/150 W		38°	**4273**

accessories

	code
Refractor for elleptical distribution for 4272-4276-4658 colour 24 clear transparent	**1192**
Wall-washer effect glass for 4273-4276-4277 colour B7 nitric transparent	**4495**
Wall washer effect glass for 4275 colour 65 nitric	**4496**
Coloured filters for 4272-4273-4276-4277-4658 colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**9537**
UV filter for 4272-4273-4658 M185-M186 colour 24 clear transparent	**4498**
Spill-ring no for HIT-TC-CE colour 04 black	**9547**
Casing for concrete ceilings for 4276-4277 colour 00 indeterminate	**9549**

components

	code
Electronic control gear for 2x35 W HIT Weight kg. 0,365 - Dim. 175x79,5x32h colour 00 indeterminate	**4437**
Electronic control gear for 20 W HIT Weight kg. 0,320 - Dim. 225x60x37h	**9698**
for 35 W HIT Weight kg. 0,320 - Dim. 225x60x37h	**4466**
for 50 W HIT Weight kg. 0,320 - Dim. 188x83x35 h	**MWR3**
for 70 W HIT Weight kg. 0,350 - Dim. 185x90x37h	**4467**
for 100 W HIT Weight kg. 0,350 - Dim. 224x83x38h	**MWR4**
for 150 W HIT Weight kg. 0,350 - Dim. 185x90x37h colour 00 indeterminate	**4465**
Control gear complete with capacitor for 35 W HIT Weight kg. 1,450 - Dim. 257x92x70h	**4468**
for 70 W HIT Weight kg. 1,700 - Dim. 257x92x70h	**4469**
for 150 W HIT Weight kg. 2,550 - Dim. 332x110x77h colour 00 indeterminate	**4470**
Control gear complete with capacitor for 35 W HST Weight kg. 1,550 - Dim. 332x110x77h	**4474**
for 50 W HST Weight kg. 1,550 - Dim. 332x110x77h	**4475**
for 100 W HST Weight kg. 1,950 - Dim. 332x110x77h colour 00 indeterminate	**4476**
Control gear complete with capacitor and ignitor with controlled pulses for 35 W HIT Weight kg. 1,450 - Dim. 257x92x70h	**4471**
for 70 W HIT Weight kg. 1,700 - Dim. 257x92x70h	**4472**
for 150 W HIT Weight kg. 2,550 - Dim. 332x110x77h colour 00 indeterminate	**4473**
Electronic safety transformer 20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St colour 00 indeterminate	**5583**
Electronic safety transformer 50-200 W 230/12 V Top	**5586**
50-200 W 230/12 V St	**5587**
20-60 W 230/12 V St	**5584**
50-105 W 230/12 V St colour 00 indeterminate	**5585**

Colours

01 WHITE	15 GREY

Pixel

ø 186

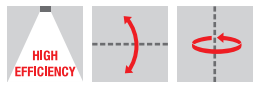
National Assembly for Wales - Cardiff, Wales
Architectural project: Richard Rogers Partnership - Lighting project: BDSP Partnership & Matthew Winter - Photo: Redshift

Pixel

Features

IP23

- Recessed installation in false ceilings with 1 to 25 mm.
- Die-cast aluminium body.
- Mirror aluminium ultrapure reflectors



Photometric values

S - Spot

M - Medium

F - Flood

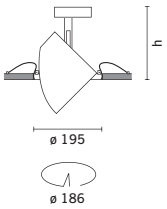
WF - Wide-Flood

		S h	S d1	S d2	S Em	M h	M d1	M d2	M Em	F h	F d1	F d2	F Em	WF h	WF d1	WF d2	WF Em
HIT-TC-CE G8,5	20W - 35W - 70W									2	1,1	-	562				
										4	2,1	-	141				
										6	3,2	-	62				
										8	4,3	-	35				
HIT-CE G12	20W - 35W - 70W 150W									1	0,7	-	732				
										2	1,5	-	183				
										3	2,2	-	81				
										4	2,9	-	46				
HST PG12-1	35W - 50W - 100W													1	1,1	-	507
														2	2,1	-	127
														3	3,2	-	56
														4	4,3	-	32
QR 111* G53	75W	2	0,3	-	2830	2	0,9	-	1101	2	1,5	-	357				
		4	0,7	-	708	4	1,7	-	275	4	3,1	-	89				
		6	1	-	314	6	2,6	-	122	6	4,6	-	40				
		8	1,4	-	177	8	3,4	-	69	8	6,1	-	22				

* The values shown refer to actual Lux

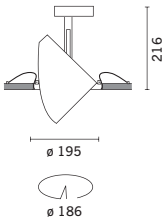
Pixel

components



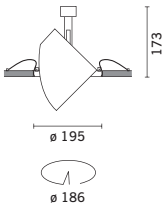
light source	W	height	optic	code
	High-efficiency reflector			
HIT-TC-CE (G8,5)	Complete with safety glass			
	20/35/70 W	177	30°	**M187**
HIT-CE (G12)	Complete with safety glass			
	20/35/70/150 W	177	40°	**8324**
	Complete with UV filter			
	20/35/70/150 W	203	40°	**8124**

IP43
Compatible also with Philips Mastercolour



light source	W	height	optic	code
HST (PG12-1)	35/50/100 W		56°	**8130**

Only the optical assembly is in class of insulation II



light source	W		code
QR 111 (G53)	75 W 12 V (QR 111)		**8070**
	50 W 12 V (PAR 36)		
PAR 36 (M4)			

Class of insulation III

Electronic control gear

for 2x35 W HIT **4437**
Weight kg. 0,365 - Dim. 175x79,5x32h

colour 00 indeterminate

Electronic control gear

for 20 W HIT **9698**
Weight kg. 0,320 - Dim. 225x60x37h

for 35 W HIT **4466**
Weight kg. 0,320 - Dim. 225x60x37h

for 70 W HIT **4467**
Weight kg. 0,350 - Dim. 185x90x37h

for 150 W HIT **4465**
Weight kg. 0,350 - Dim. 185x90x37h

colour 00 indeterminate

Control gear complete with capacitor

for 35 W HIT **4468**
Weight kg. 1,450 - Dim. 257x92x70h

for 70 W HIT **4469**
Weight kg. 1,700 - Dim. 257x92x70h

for 150 W HIT **4470**
Weight kg. 2,550 - Dim. 332x110x77h

colour 00 indeterminate

Control gear complete with capacitor

for 35 W HST **4474**
Weight kg. 1,550 - Dim. 332x110x77h

for 50 W HST **4475**
Weight kg. 1,550 - Dim. 332x110x77h

for 100 W HST **4476**
Weight kg. 1,950 - Dim. 332x110x77h

colour 00 indeterminate

Control gear complete with capacitor and ignitor with controlled pulses

for 35 W HIT **4471**
Weight kg. 1,450 - Dim. 257x92x70h

for 70 W HIT **4472**
Weight kg. 1,700 - Dim. 257x92x70h

for 150 W HIT **4473**
Weight kg. 2,550 - Dim. 332x110x77h

colour 00 indeterminate

Electronic safety transformer

20-60 W 230/12 V Top **5580**
50-105 W 230/12 V Top **5582**
10-60 W 230/12 V St **5581**
35-105 W 230/12 V St **5583**

colour 00 indeterminate

Electronic safety transformer

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

colour 00 indeterminate

Colours

01
WHITE

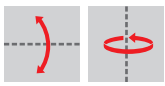
15
GREY

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, angle 30°, rotation 355°
- Laser Moon version, angle 30°.



Laser Pixel

Laser Moon

Photometric values

S - Spot

M - Medium

F - Flood

E - Elliptical**

		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
QR-CBC 51* GU5,3	50W	2	0,3	-	2530	2	0,7	-	909	2	1,4	-	462	2	1,5	0,4	633
		4	0,7	-	632	4	1,4	-	227	4	2,8	-	115	4	2,9	0,8	158
		6	1	-	281	6	2,1	-	101	6	4,1	-	51	6	4,4	1,3	70
		8	1,4	-	158	8	2,8	-	57	8	5,5	-	29	8	5,8	1,7	40

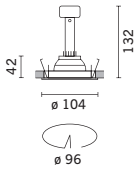
* The values shown refer to actual Lux

** Elliptical optic is obtained by installing the respective accessories. For photometric data, see catalog.iguzzini.com

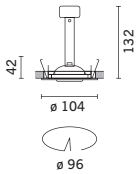
Banca Popolare di Lodi - Lodi, Italy

Architectural project: arch. Renzo Piano - Lighting project: arch. Piero Castiglioni - Photo: Emilio Simion

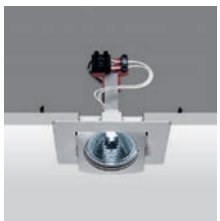
Laser Pixel - Laser Moon

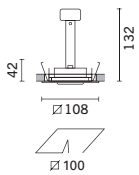


light source	W	code
	Laser Pixel	
QRCBC51 (GU5,3)	50W 12V	**8068**



light source	W	code
	Laser Moon	
QRCBC51 (GU5,3)	50W 12V	**8032**





light source	W	code
	Laser Moon	
QRCBC51 (GU5,3)	50W 12V	**8059**

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**8672**
Refractor for elleptical distribution colour 24 clear transparent	**8673**
IP43 coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent 65 nitric	**8658**
Decorative glass colour 24 clear transparent	**8670**
Decorative glass colour 24 clear transparent	**8671**
Casing for concrete ceilings for 8032-8068 colour 00 indeterminate	**8742**
Adapter for plasterboard false ceilings ø 96 mm ⧄ 100 mm colour 00 indeterminate Available in sets of 10 pieces	**8695** **8694**

components

	code
Electronic safety transformer 20-60W 230/12V Top 50-105W 230/12V Top 10-60W 230/12V St 35-105W 230/12V St colour 00 indeterminate	**5580** **5582** **5581** **5583**
Electronic safety transformer 50-200W 230/12V Top 50-200W 230/12V St 20-60W 230/12V St 50-105W 230/12V St colour 00 indeterminate	**5586** **5587** **5584** **5585**

Colours

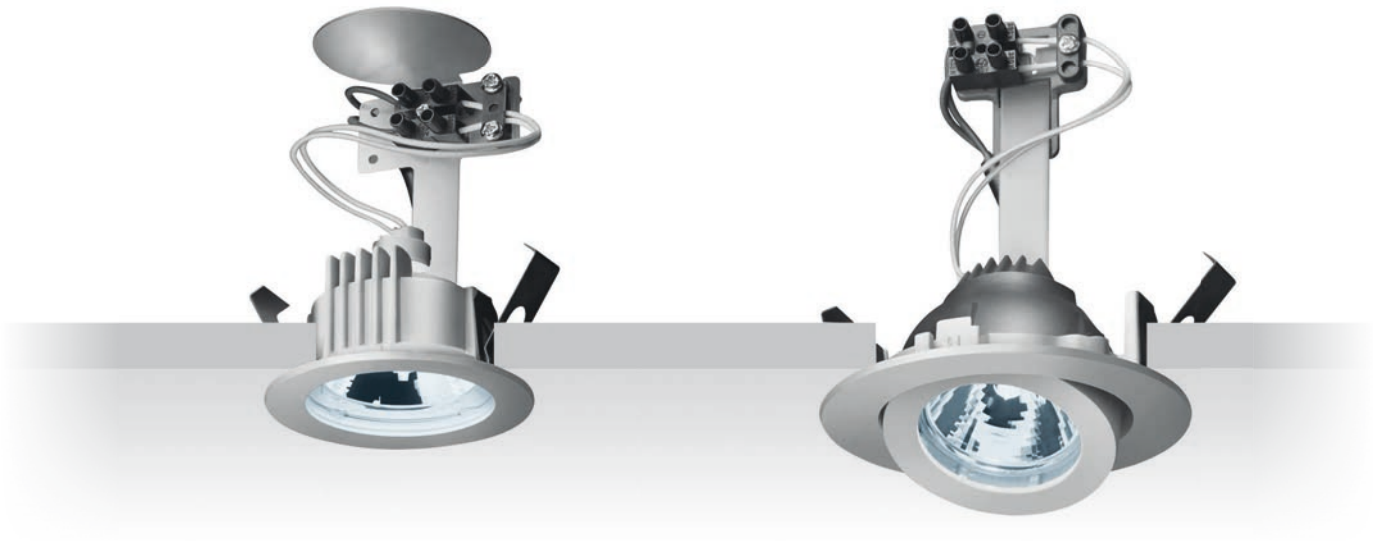
01	04	10	14	15
WHITE	BLACK	CHROME	BRASS	GREY

Laser fixed - **Laser** adjustable

Features

IP23

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



Laser fixed
Round and Square Version

Laser adjustable
Round and Square Version

Photometric values

S - Spot

M - Medium

F - Flood

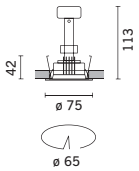
E - Elliptical **

		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	5,9W	2	0,3	-	3409	2	0,9	-	642								
		4	0,6	-	852	4	1,7	-	161								
		6	0,8	-	379	6	2,6	-	71								
		8	1,1	-	213	8	3,4	-	40								
QR-CBC 51* GU5,3	50W	2	0,3	-	2530	2	0,7	-	909	2	1,4	-	462	2	1,5	0,4	633
		4	0,7	-	632	4	1,4	-	227	4	2,8	-	115	4	2,9	0,8	158
		6	1	-	281	6	2,1	-	101	6	4,1	-	51	6	4,4	1,3	70
		8	1,4	-	158	8	2,8	-	57	8	5,5	-	29	8	5,8	1,7	40

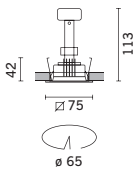
* The values shown refer to actual Lux

** Elliptical optic is obtained by installing the respective accessories.
For photometric data, see catalog.iguzzini.com

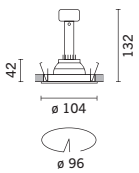
Laser fixed / adjustable



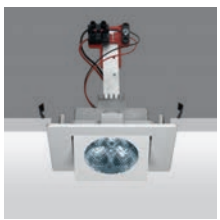
light source	W	optic	code
	Laser fixed		
LED	Neutral white - CRI 75		
	6,2 W 380	8°	**M314**
	6,2 W 380	24°	**M316**
	Warm white - CRI 85		
	5,7 W 320	6°	**M315**
	5,7 W 280	26°	**M317**
	colour 01 white - 15 grey		
QR CBC 51 (GU5,3)	50 W 12 V		**8002**

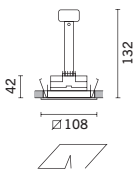


light source	W	optic	code
	Laser fixed		
LED	Neutral white - CRI 75		
	6,2 W 380	8°	**M318**
	6,2 W 380	24°	**M320**
	Warm white - CRI 85		
	5,7 W 320	6°	**M319**
	5,7 W 280	26°	**M321**
	colour 01 white - 15 grey		
QR CBC 51 (GU5,3)	50 W 12 V		**8003**



light source	W	optic	code
	Laser adjustable		
LED	Neutral white - CRI 75		
	6,2 W 380	8°	**M322**
	6,2 W 380	24°	**M324**
	Warm white - CRI 85		
	5,7 W 320	6°	**M323**
	5,7 W 280	26°	**M325**
	colour 01 white - 15 grey		
QR CBC 51 (GU5,3)	50 W 12 V		**8001**





light source	W	optic	code
	Laser adjustable		
LED	Neutral white - CRI 75		
	6,2 W 380	8°	**M326**
	6,2 W 380	24°	**M328**
	Warm white - CRI 85		
	5,7 W 320	6°	**M327**
	5,7 W 280	26°	**M329**
	colour 01 white - 15 grey		
QR CBC 51 (GU5,3)	50 W 12 V		**8000**

accessories

	code
Refractor for elleptical distribution for 8000-8001-8002-8003 colour 24 clear transparent	**8672**
Refractor for elleptical distribution for 8000-8001-8002-8003 colour 24 clear transparent	**8673**
IP44 coloured filters for 8000-8001-8002-8003 colour 05 red - 06 yellow 09 sky blue - 24 clear transparent 65 nitric	**8658**
Decorative glass for 8000-8001 colour 24 clear transparent	**8670**
Decorative glass for 8000-8001 colour 24 clear transparent	**8671**
Casing for concrete ceilings for 8002-8003 for 8001 colour 00 indeterminate	**8741** **8742**
Adapter for plasterboard false ceilings ø 65 mm ø 96 mm ⧄ 100 mm colour 00 indeterminate Available in sets of 10 pieces	**8693** **8695** **8694**

components

	code
Constant-current LED driver 1,5÷21 W VIN=220-240Vac VOUT max=38Vdc IOUT=600mA colour 00 indeterminate	**6993**
Electronic safety transformer 20-60 W 230/12 V Top 50-105 W 230/12 V Top 10-60 W 230/12 V St 35-105 W 230/12 V St colour 00 indeterminate	**5580** **5582** **5581** **5583**
Electronic safety transformer 50-200 W 230/12 V Top 50-200 W 230/12 V St 20-60 W 230/12 V St 50-105 W 230/12 V St colour 00 indeterminate	**5586** **5587** **5584** **5585**

Colours

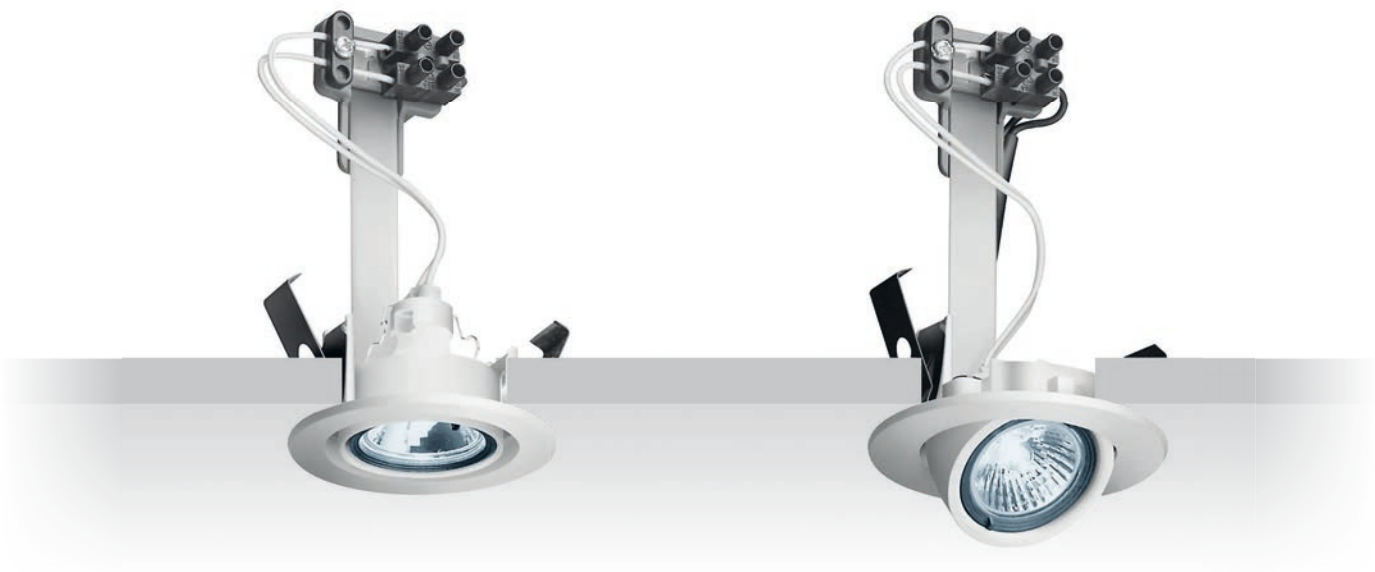
01 WHITE	04 BLACK	10 CHROME	14 BRASS	15 GREY

Minilaser

Features

IP23

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



Minilaser fixed

Minilaser adjustable

Photometric values

S - Spot

M - Medium

F - Flood

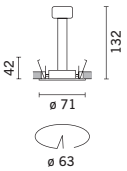
		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
QR-CBC 35*	35W	2	0,3	-	1323	2	0,7	-	589	1	0,6	-	1091
GU4		4	0,6	-	331	4	1,4	-	147	2	1,2	-	273
		6	0,8	-	147	6	2,1	-	65	3	1,8	-	121
		8	1,1	-	83	8	2,8	-	37	4	2,4	-	68

* The values shown refer to actual Lux

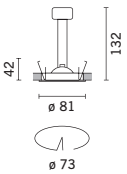
Minilaser

accessories

components



light source	W	code
QR CBC 35 (GU4)	Fixed 35 W 12 V	**8090**



light source	W	code
QR CBC 35 (GU4)	Adjustable 35 W 12 V	**8091**

	code
Filter IP44 colour 24 clear transparent	**8777**

	code
Electronic safety transformer	
20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St	**5583**
colour 00 indeterminate	
Electronic safety transformer	
50-200 W 230/12 V Top	**5586**
50-200 W 230/12 V St	**5587**
20-60 W 230/12 V St	**5584**
50-105 W 230/12 V St	**5585**
colour 00 indeterminate	

Wein & Wahrheit - Sulzbach, Germany

Architectural project: Ippolito Fleitz Group GmbH - Photo: Zooey Braun

Colours

01	04	10	14	15
WHITE	BLACK	CHROME	BRASS	GREY

ROT
DEUTSCH
LAND

Pinhole

ø 75

⧄ 75

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

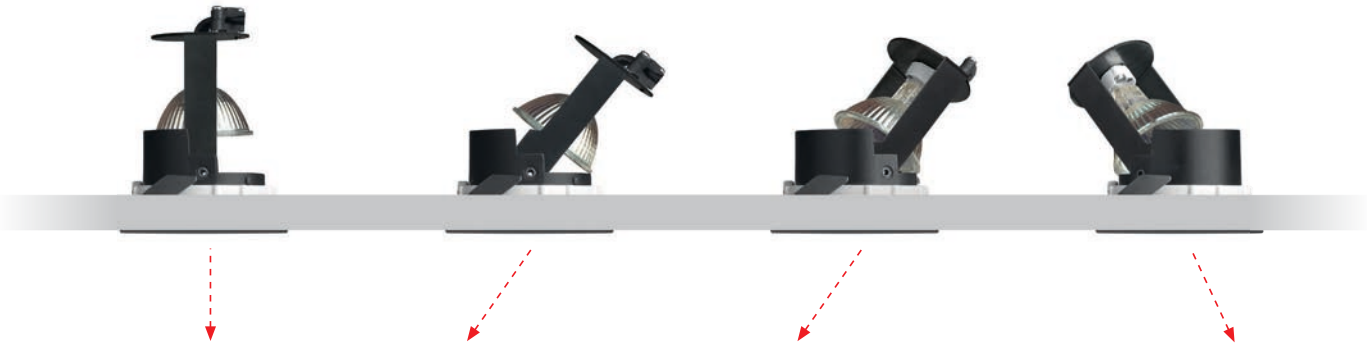
Pinhole

Features

IP20

- Recessed installation in false ceilings with 1 to 20 mm.
- Die-cast aluminium body, thermoplastic material.
- Sheet steel lamp holder bracket.

Lamp twin adjustment both 355° about the vertical axis and 35° relative to the horizontal plane.



Light beam direction indicator

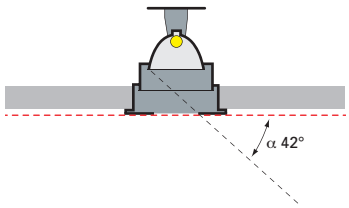
Optic orientation device

Lamp adjustment

Pinhole

Visual comfort

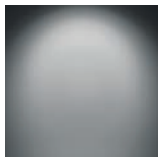
The set back position of the lamp and use of the louver screen mean that the Pinhole recessed luminaire can guarantee maximum visual comfort as well as optimum light in various settings, eliminating glare.



Photometric values

S - Spot

M - Medium



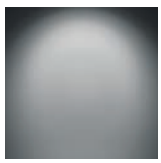
F - Flood

Fixed optics

		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
QR-CBC 51* 35W - 50W GU5,3		2	0,5	-	1689	2	0,8	-	789	1	0,8	-	959
		4	1	-	422	4	1,6	-	197	2	1,5	-	240
		6	1,5	-	188	6	2,3	-	88	3	2,3	-	107
		8	2	-	106	8	3,1	-	49	4	3,1	-	60

S - Spot

M - Medium



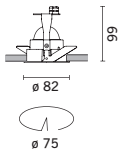
F - Flood

Adjustable optics

		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
QR-CBC 51* 35W - 50W GU5,3		2	0,4	-	1524	2	1,1	-	557	2	1,3	-	367
		4	0,8	-	381	4	2,3	-	139	4	2,6	-	92
		6	1,3	-	169	6	3,4	-	62	6	3,9	-	41
		8	1,7	-	95	8	4,6	-	35	8	5,2	-	23

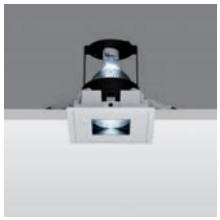
* The values shown refer to actual Lux

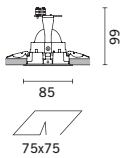
Pinhole



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

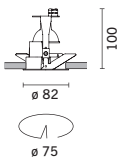
* Installation of accessories is not possible



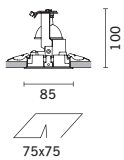


light source	W	code
QR CBC 51 (GU5,3)	Fixed	
	35 W 12 V	**MB07**
	* 50 W 12 V	

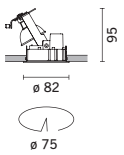
* Installation of accessories is not possible



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

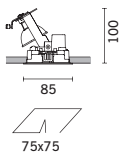


QR CBC 51 (GU5,3)	Adjustable	
	35 W 12 V	**MB08**
	50 W 12 V	



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

It cannot be equipped with accessories.



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

It cannot be equipped with accessories.

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**MW77**
Filter colour 24 clear transparent 65 nitric	**MW78**

components

	code
Louvre colour 04 black	**MW79**
"Soft Lens" filter colour 24 clear transparent	**MWN6**

	code
Electronic safety transformer	
20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St	**5583**
colour 00 indeterminate	

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

* Height of min. space h 160 mm

Doc Morris Pharmacy - Limburg, Germany

Architectural project: Klaus Bürger from - Architekturbüro Bürger - Photo: Klaus Bürger

Colours

01
WHITE

DocMorris
DocMorris

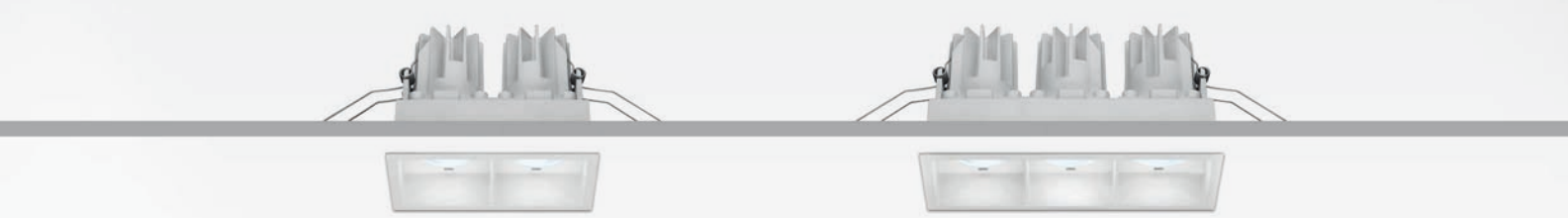
Deep Laser

ø 45 ø 85 ø 146 ⧄ 45 ⧄ 85 ⧄ 146

page 152 - 153

i.lab Italcementi Group - Bergamo, Italy

Architectural project: Richard Meyer & Partners Architects LLP
Lighting project: Piero Castiglioni - Guido Bianchi - Photo: Paolo Carlini



145x75

214x75

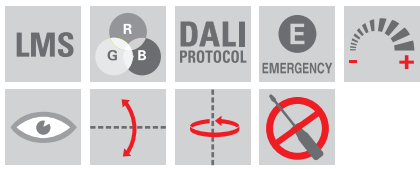
The luminaires shown in the upper part have soft lens reflectors

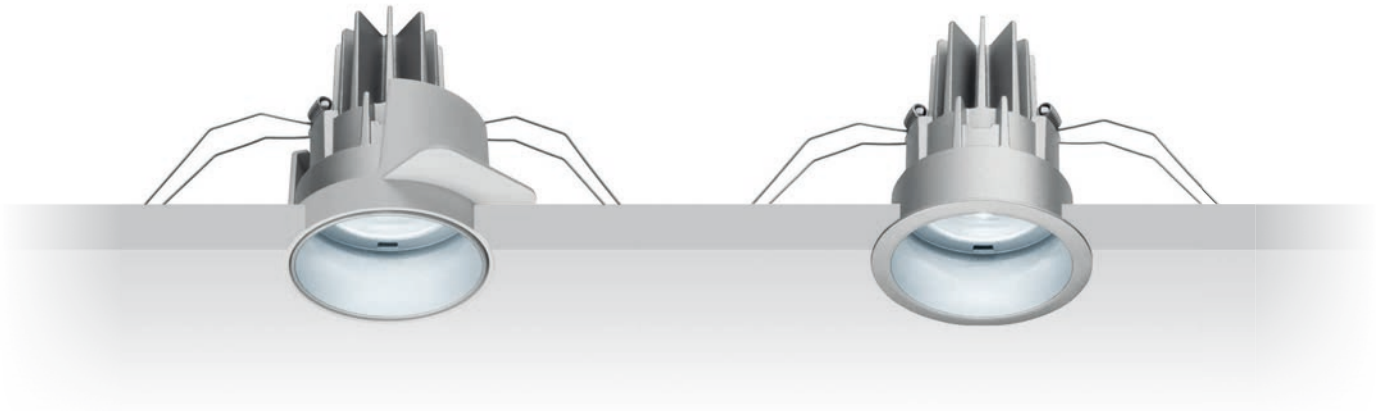
Deep Laser

Features

IP20

- Recessed installation on false ceilings; 12.5 mm thick for Minimal version, from 1 to 25 mm thick for Frame version.
- Die-cast aluminium body and heat sink.
- Metallised thermoplastic reflectors.



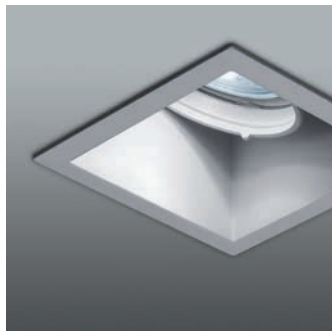


Minimal version

Frame version

Easy maintenance

Total safety with spring fixing system

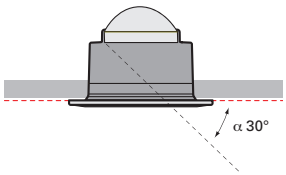


Version with adjustable optic

Deep Laser

Visual comfort

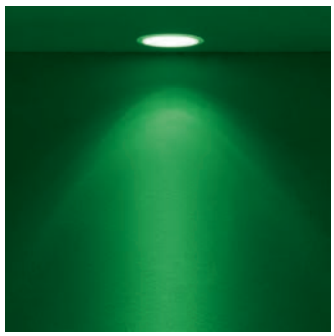
Set back lamp
The set back position of the lamp guarantees lighting that is always effective and suitable for any application, avoiding unwanted glare.

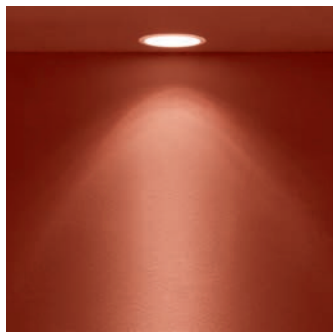


Soft Lens
The use of this accessory further enhances visual comfort with more uniform, unvarying lighting which tends to soften shadows.

LED RGB version

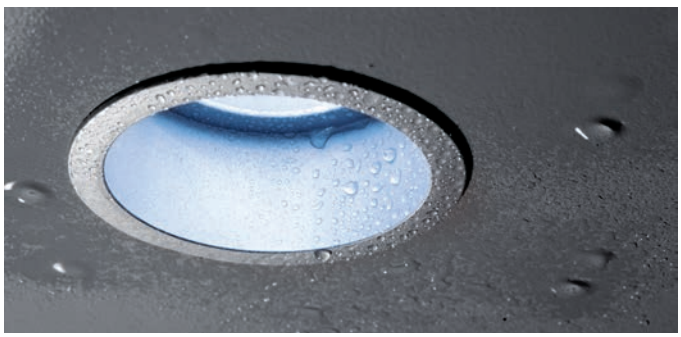
The RGB version creates impressive lighting set-ups with dynamic light and colour designs.





IP65 version

The high degree of protection against water sprays of each LED version allows luminaire installation in bathroom shower areas.



Deep Laser

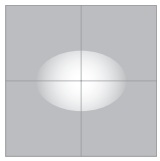
SE emergency lighting version

Produced with inverter and batteries, the system only operates in emergency conditions, switching on in the event of a black-out.

Product OFF

Product ON

Flood



Elliptical

Photometric values

S - Spot

M - Medium

F - Flood

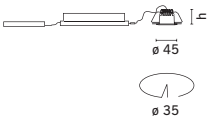
		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	1,6W - 9,3W - 13W 19W	2	0,4	-	2738	2	0,9	-	591	2	1,2	-	344
		4	0,8	-	685	4	1,7	-	148	4	2,4	-	86
		6	1,3	-	304	6	2,6	-	66	6	3,7	-	38
		8	1,7	-	171	8	3,4	-	37	8	4,9	-	22
LED RGB	6W	2	0,5	-	1909	2	0,9	-	676				
		4	1	-	477	4	1,7	-	169				
		6	1,5	-	212	6	2,6	-	75				
		8	2	-	119	8	3,4	-	42				
QR-CBC 51* GU5,3	50W	2	0,3	-	2924	2	0,8	-	1048	2	1,1	-	611
		4	0,7	-	731	4	1,6	-	262	4	2,3	-	153
		6	1	-	325	6	2,3	-	116	6	3,4	-	68
		8	1,4	-	183	8	3,1	-	66	8	4,6	-	38
QR 111* G53	75W	2	0,2	-	5538	2	0,9	-	1101	2	1,5	-	357
		4	0,4	-	1385	4	1,7	-	275	4	3,1	-	89
		6	0,6	-	615	6	2,6	-	122	6	4,6	-	40
		8	0,8	-	346	8	3,4	-	69	8	6,1	-	22
HI-PAR 51-CE* GX10	20W - 35W	2	0,3	-	2765	2	0,9	-	864	2	1,6	-	595
		4	0,7	-	691	4	1,7	-	216	4	3,2	-	149
		6	1	-	307	6	2,6	-	96	6	4,8	-	66
		8	1,4	-	173	8	3,4	-	54	8	6,5	-	37
HIR-111-CE* GX8,5	70W	2	0,3	-	10845	2	0,8	-	2769	2	1,3	-	1548
		4	0,7	-	2711	4	1,6	-	692	4	2,6	-	387
		6	1	-	1205	6	2,3	-	308	6	3,9	-	172
		8	1,4	-	678	8	3,1	-	173	8	5,2	-	97

* The values shown refer to actual Lux

The photometric values of RGB products are measured in 6000K white light conditions

Deep Laser

light source	W	Lm	height	optic	code
LED	**Frame installation**				
	Neutral white				
	1.6 W	110	32	12°	**M934**
	1.6 W	110	32	34°	**M935**
	Warm white				
	1.6 W	95	32	12°	**M936**
	1.6 W	95	32	34°	**M937**
	Class of Insulation III				



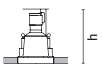
light source	W	Lm	height	optic	code
LED	**Frame installation**				
	Neutral white Complete with power supply with inverter				
	3 W	100	34	140°	**M938**
	3 W	100	34	44°/125°	**MA73***
	3-hour emergency autonomy				
	* Elliptical optic				

accessories

	code
Spill-ring colour 04 black	**MWQ6**

components

	code
Electronic power supply 20 W - IP20 V_{IN} = 110-240Vac $V_{OUT\ MAX}$ = 42Vdc I_{OUT} = 500mA colour 00 indeterminate	**BZA0**



light source	W	Lm	height	optic	code
LED	**Minimal installation**				
	Complete with power supply				
	Neutral white				
	9,3 W	640	107	14°	**M942**
	9,3 W	640	107	24°	**M943**
	Warm white				
	9,3 W	560	107	14°	**M944**
	9,3 W	560	107	24°	**M945**
	RGB				
	6 W	310	107	14°	**M946**
	6 W	310	107	24°	**M947**
QR CBC 51 (GU5,3)	50 W 12 V		127		**M939**
	Adjustable optic				
	50 W 12 V max 36°		127		**M948**
	IP23 - Class of Insulation III				
HI-PAR 51-CE (GX10)	Complete with electronic control gear				
	20 W		127		**M940**
	35 W		127		**M941**
	Adjustable optic Complete with electronic control gear				
	20 W		127		**M949**
	35 W		127		**M950**
	Class of Insulation I				

Compatible with light management systems of the iGuzzini range illustrated on page 19. For the system definition, refer to the instructions.

accessories

	code
Refractor for elleptical distribution for QR CBC 51 - HI-PAR 51-CE colour 24 clear transparent	**8673**
Coloured filters for QR CBC 51 - HI-PAR 51-CE colour 05 red - 06 yellow 09 sky blue - 24 clear transparent 65 nitric	**8658**
Reflector with soft lens filter IP44 for fixed optic colour 12 alluminium - 14 brass	**MWL3**
Reflector for fixed optic colour 12 alluminium - 14 brass	**MWL9**

components

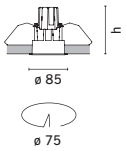
	code
Electronic safety transformer	
20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St	**5583**
colour 00 indeterminate	
Electronic safety transformer	
50-200 W 230/12 V Top	**5586**
50-200 W 230/12 V St	**5587**
20-60 W 230/12 V St	**5584**
50-105 W 230/12 V St	**5585**
colour 00 indeterminate	

Colours

01
WHITE

15
GREY

Deep Laser



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

Compatible with light management systems of the iGuzzini range illustrated on page 19. For the system definition, refer to the instructions.

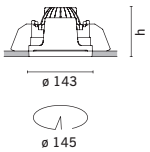
accessories

	code
Refractor for elleptical distribution for QR CBC 51 - HI-PAR 51-CE colour 24 clear transparent	**8673**
Coloured filters for QR CBC 51 - HI-PAR 51-CE colour 05 red - 06 yellow 09 sky blue - 24 clear transparent 65 nitric	**8658**
Reflector with soft lens filter IP44 for fixed optic colour 12 alluminium - 14 brass	**MWL3**
Reflector for fixed optic colour 12 alluminium - 14 brass	**MWL9**

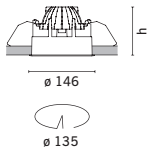
components

	code
Electronic safety transformer	
20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St	**5583**
colour 00 indeterminate	
Electronic safety transformer	
50-200 W 230/12 V Top	**5586**
50-200 W 230/12 V St	**5587**
20-60 W 230/12 V St	**5584**
50-105 W 230/12 V St	**5585**
colour 00 indeterminate	

Deep Laser



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



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

accessories

	code
Refractor for elleptical distribution for QR 111 colour 24 clear transparent	**MWL7**
Coloured filters for QR 111 colour 05 red - 06 yellow 09 sky blue - 24 clear transparent 65 nitric	**MWL8**
Reflector with soft lens filter IP44 for fixed optic colour 12 alluminium - 14 brass	**MWL4**
Reflector for fixed optic colour 12 alluminium - 14 brass	**MWM0**

components

	code
Electronic safety transformer	
20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St	**5583**
colour 00 indeterminate	
Electronic safety transformer	
50-200 W 230/12 V Top	**5586**
50-200 W 230/12 V St	**5587**
20-60 W 230/12 V St	**5584**
50-105 W 230/12 V St	**5585**
colour 00 indeterminate	

Colours

01
WHITE

15
GREY

Deep Laser

light source	W	Lm	height	optic	code
LED	**Frame installation**				
	Neutral white				
	1,6 W	110	32	12°	**M987**
	1,6 W	110	32	34°	**M988**
	Warm white				
	1,6 W	95	32	12°	**M989**
	1,6 W	95	32	34°	**M990**

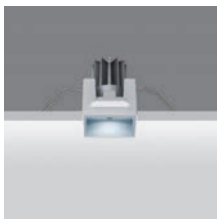
Class of Insulation III

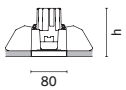
accessories

	code
Spill-ring colour 04 black	**MWQ7**

components

	code
Electronic power supply 20 W - IP20 V_{IN}=110-240Vac $V_{OUT\ MAX}$=42Vdc I_{OUT}=500mA colour 00 indeterminate	**BZA0**





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

Class of Insulation I

Compatible with light management systems of the iGuzzini range illustrated on page 19. For the system definition, refer to the instructions.

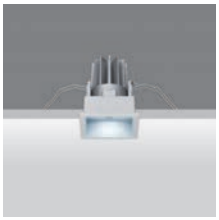
accessories

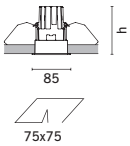
	code
Refractor for elleptical distribution for QR CBC 51 - HI-PAR 51-CE colour 24 clear transparent	**8673**
Coloured filters for QR CBC 51 - HI-PAR 51-CE colour 05 red - 06 yellow 09 sky blue - 24 clear transparent 65 nitric	**8658**
Reflector with soft lens filter IP44 for fixed optic colour 12 alluminium - 14 brass	**MWL5**
Reflector for fixed optic colour 12 alluminium - 14 brass	**MWM1**

components

	code
Electronic safety transformer	
20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St	**5583**
colour 00 indeterminate	
Electronic safety transformer	
50-200 W 230/12 V Top	**5586**
50-200 W 230/12 V St	**5587**
20-60 W 230/12 V St	**5584**
50-105 W 230/12 V St	**5585**
colour 00 indeterminate	

Deep Laser





light source	W	Lm	height	optic	code
LED	**Frame installation**				
	Complete with power supply				
	Neutral white				
	9,3 W	640	105	14°	**MA06**
	9,3 W	640	105	24°	**MA07**
	9,3 W	640	105	14°	**MA45***
	9,3 W	640	105	24°	**MA46***
	Warm white				
	9,3 W	560	105	14°	**MA08**
	9,3 W	560	105	24°	**MA09**
	9,3 W	560	105	14°	**MA47***
	9,3 W	560	105	24°	**MA48***
	RGB				
	6 W	310	105	14°	**MA10**
	6 W	310	105	24°	**MA11**
	6 W	310	105	14°	**MA49***
	6 W	310	105	24°	**MA50***
	* IP65				
QR CBC 51 (GU5,3)	50 W 12 V		125		**MA03**
	Adjustable optic				
	50 W 12 V max 36°		125		**MA12**
	IP23 - Class of Insulation III				
HI-PAR 51-CE (GX10)	Complete with electronic control gear				
	20 W		125		**MA04**
	35 W		125		**MA05**
	Adjustable optic Complete with electronic control gear				
	20 W		125		**MA13**
	35 W		125		**MA14**
	Class of Insulation I				

Compatible with light management systems of the iGuzzini range illustrated on page 19. For the system definition, refer to the instructions.

accessories

	code
Refractor for elleptical distribution for QR CBC 51 - HI-PAR 51-CE colour 24 clear transparent	**8673**
Coloured filters for QR CBC 51 - HI-PAR 51-CE colour 05 red - 06 yellow 09 sky blue - 24 clear transparent 65 nitric	**8658**
Reflector with soft lens filter IP44 for fixed optic colour 12 alluminium - 14 brass	**MWL5**
Reflector for fixed optic colour 12 alluminium - 14 brass	**MWM1**

components

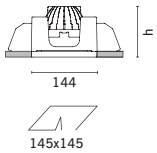
	code
Electronic safety transformer	
20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St	**5583**
colour 00 indeterminate	
Electronic safety transformer	
50-200 W 230/12 V Top	**5586**
50-200 W 230/12 V St	**5587**
20-60 W 230/12 V St	**5584**
50-105 W 230/12 V St	**5585**
colour 00 indeterminate	

Colours

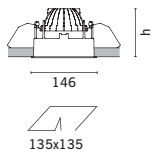
01
WHITE

15
GREY

Deep Laser



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



light source	W	Lm	height	optic	code
LED	**Frame installation**				
	Complete with power supply				
	Neutral white				
	19 W	1280	88	14°	**MA29**
	19 W	1280	88	24°	**MA30**
	Neutral white - adjustable optic				
	13 W	950	103	14°	**MA35**
	13 W	950	103	24°	**MA36**
	Warm white				
	19 W	1130	88	14°	**MA31**
	19 W	1130	88	24°	**MA32**
	Warm white - adjustable optic				
	13 W	840	103	14°	**MA37**
	13 W	840	103	24°	**MA38**
QR 111 (G53)	75 W	12 V	127		**MA27**
	Adjustable optic				
	75 W	12 V	161		**MA33**
	IP23 - Class of Insulation III				
HIR-111-CE (GX8,5)	Complete with electronic control gear				
	70 W		158		**MA28**
	Adjustable optic Complete with electronic control gear				
	70 W		161		**MA34**
	Class of Insulation I				

accessories

	code
Refractor for elleptical distribution for QR 111 colour 24 clear transparent	**MWL7**
Coloured filters for QR 111 colour 05 red - 06 yellow 09 sky blue - 24 clear transparent 65 nitric	**MWL8**
Reflector with soft lens filter IP44 for fixed optic colour 12 alluminium - 14 brass	**MWL6**
Reflector for fixed optic colour 12 alluminium - 14 brass	**MWM5**

components

	code
Electronic safety transformer	
20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St	**5583**
colour 00 indeterminate	
Electronic safety transformer	
50-200 W 230/12 V Top	**5586**
50-200 W 230/12 V St	**5587**
20-60 W 230/12 V St	**5584**
50-105 W 230/12 V St	**5585**
colour 00 indeterminate	

Colours

01
WHITE

15
GREY

Health Club Corso Venezia 50 - Milan, Italy

Architectural project: Arch. Paolo Colombo
Photo: Paolo Carlini

VANDAL

Deep Laser Multiple

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.
- All fittings feature an electronic control gear.

Frame version

The luminaire shown has a soft lens reflector

Photometric values

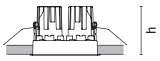
S - Spot

M - Medium

		h	d1	d2	Em	h	d1	d2	Em
LED	9,3W	2	0,5	-	1909	2	0,9	-	676
		4	1	-	477	4	1,7	-	169
		6	1,5	-	212	6	2,6	-	75
		8	2	-	119	8	3,4	-	42

Deep Laser Multiple

accessories



light source	W	Lm	height	optic	code
LED	Complete with dimmable electronic power supply				
	Neutral white				
	19 W	1280	105	24°	**ML54**
	Warm white				
	19 W	1120	105	14°	**ML55**
	19 W	1120	105	24°	**ML56**

light source	W	Lm	height	optic	code
LED	Complete with dimmable electronic power supply				
	Neutral white				
	28 W	1920	105	24°	**ML57**
	Warm white				
	28 W	1680	105	14°	**ML58**
	28 W	1680	105	24°	**ML59**

	code
Reflector with soft lens filter IP44 colour 12 alluminium - 14 brass	**MWL5**
Reflector colour 12 alluminium - 14 brass	**MWM1**

Each accessory code applies to a single optical compartment.

Colours

01
WHITE

15
GREY

Laser Blade

iF Design Award

Frame

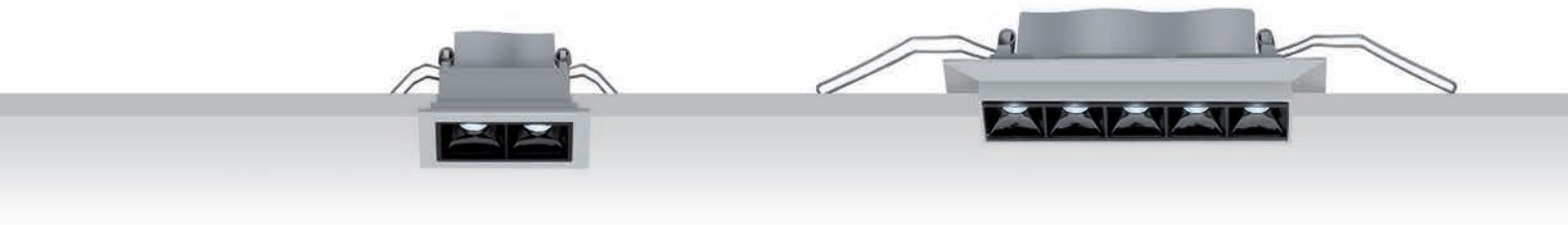
Minimal

Laser Blade

Features

IP20

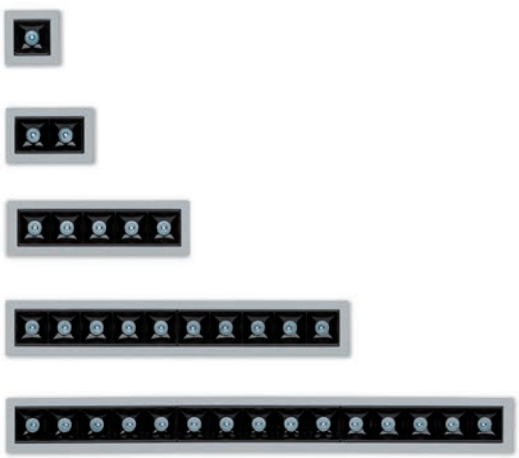
- Recessed installation in false ceilings with 1 to 25 mm; fixing system with steel wire springs.
- Main body with radiant surface made of die-cast aluminium.
- High-definition optics made of metallised thermoplastic material, integrated in the innovative black anti-glare screen that defines emission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



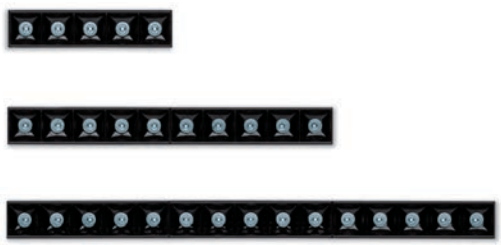
Frame version

Minimal version

Frame



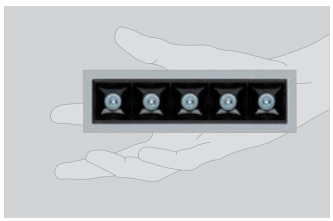
Minimal

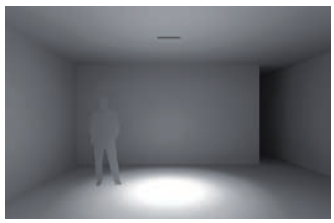


Laser Blade

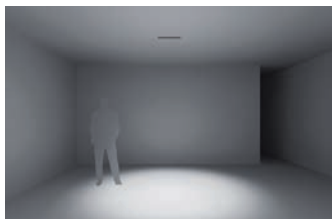
Compact size

Despite its extremely compact dimensions, Laser Blade guarantees high output. The special shape of the optics gives bright, circular distribution.





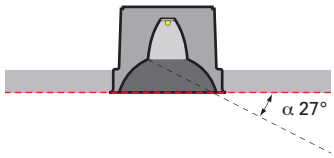
Optic 34°



Optic 48°

Visual comfort

The set back position of the LED lamps prevents glare, providing exceptional visual comfort.



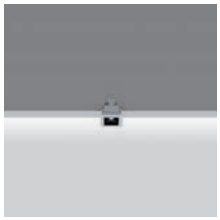
Photometric values

M - Medium

F - Flood

		h	d1	d2	Em	h	d1	d2	Em
LED	2,1W	2	1,2	-	489				
		4	2,4	-	122				
		6	3,7	-	54				
		8	4,9	-	31				
LED	4,1W	2	1,2	-	489				
		4	2,4	-	122				
		6	3,7	-	54				
		8	4,9	-	31				
LED	10W	2	1,2	-	489	1	0,9	-	1233
		4	2,4	-	122	2	1,8	-	308
		6	3,7	-	54	3	2,7	-	137
		8	4,9	-	31	4	3,6	-	77
LED	21W	2	1,2	-	489	1	0,9	-	1233
		4	2,4	-	122	2	1,8	-	308
		6	3,7	-	54	3	2,7	-	137
		8	4,9	-	31	4	3,6	-	77
LED	31W	2	1,2	-	489	1	0,9	-	1233
		4	2,4	-	122	2	1,8	-	308
		6	3,7	-	54	3	2,7	-	137
		8	4,9	-	31	4	3,6	-	77

Laser Blade

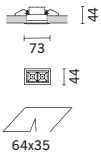


light source	W	Lm	optic	code
LED	**Frame installation**			
	Neutral white			
	2,1 W	200	34°	**MK45**
	Warm white			
	2,1 W	180	34°	**MK46**

Class of Insulation III

colour 47 white/black - 74 grey/black

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

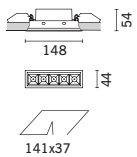


light source	W	Lm	optic	code
LED	**Frame installation**			
	Neutral white			
	4,1 W	400	34°	**MK47**
	Warm white			
	4,1 W	360	34°	**MK48**

Class of Insulation III

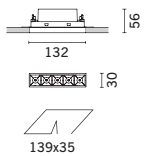
colour 47 white/black - 74 grey/black

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



light source	W	Lm	optic	code
LED	**Frame installation**			
	Neutral white Complete with power supply			
	10 W	1000	48°	**MK49**
	Warm white Complete with power supply			
	10 W	900	34°	**MK50**
	10 W	900	48°	**MK51**

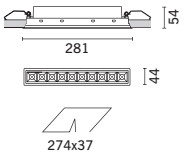
colour 47 white/black - 74 grey/black



light source	W	Lm	optic	code
LED	**Minimal installation**			
	Neutral white Complete with power supply			
	10 W	1000	48°	**MK36**
	Warm white Complete with power supply			
	10 W	900	34°	**MK37**
	10 W	900	48°	**MK38**

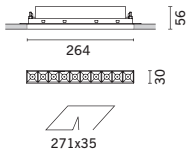
colour 04 black

Laser Blade



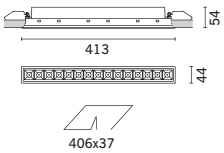
light source	W	Lm	optic	code
LED	**Frame installation**			
	Neutral white Complete with DALI power supply			
	21 W	2000	48°	**MK52**
	Warm white Complete with DALI power supply			
	21 W	1800	34°	**MK53**
	21 W	1800	48°	**MK54**

colour 47 white/black - 74 grey/black



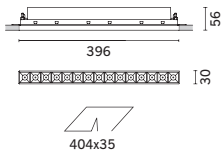
light source	W	Lm	optic	code
LED	**Minimal installation**			
	Neutral white Complete with DALI power supply			
	21 W	2000	48°	**MK39**
	Warm white Complete with DALI power supply			
	21 W	1800	34°	**MK40**
	21 W	1800	48°	**MK41**

colour 04 black



LED	**Frame installation**			
	Neutral white Complete with DALI power supply			
	31 W	3000	48°	**MK55**
	Warm white Complete with DALI power supply			
	31 W	2700	34°	**MK56**
	31 W	2700	48°	**MK57**

colour 47 white/black - 74 grey/black



LED	**Minimal installation**			
	Neutral white Complete with DALI power supply			
	31 W	3000	48°	**MK42**
	Warm white Complete with DALI power supply			
	31 W	2700	34°	**MK43**
	31 W	2700	48°	**MK44**

colour 04 black

Colours

04
BLACK

47
WHITE/BLACK

74
GREY/BLACK

Express recessed

design Jean Michel Wilmotte

iF Design Award

Red Dot Design Award

ø 64 ø 114 ø 180 ø 240

Centro Cultural Niemeyer - Avilés, Asturias, España

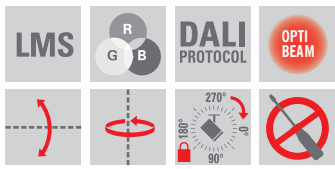
Architectural project: Oscar Niemeyer, Roberto Alonso Martínez, Javier Blanco García Castañón, Jair Rojas Valera, Almudena Fernández Menéndez - Photo: 274 Km

Express recessed

Features

IP20

- Recessed installation in false ceilings; 12.5 mm thick for Minimal version, from 1 to 30 mm thick for Frame version.
- Die-cast aluminium body and thermoplastic material.
- Mirror aluminium ultrapure reflectors.
- 355° rotation about the vertical axis, and 65° with continuous friction device action relative to the horizontal plane
- 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.



Interchanging reflectors

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

Express recessed

Visual comfort

The set back position of the lamps and the anti-glare screen prevent glare, instead providing a high degree of visual comfort.

Set back lamp

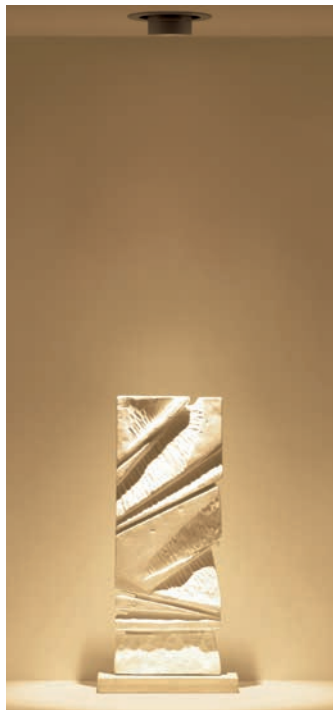
Antiglare screen

LED RGB versions

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

LED CLT version

Express LED CLT allows the colour temperature of the LEDs to be altered. The colour temperature range from cold (5400K) to warm (3400K) values allows for modulating the light based on the objects to illuminate.



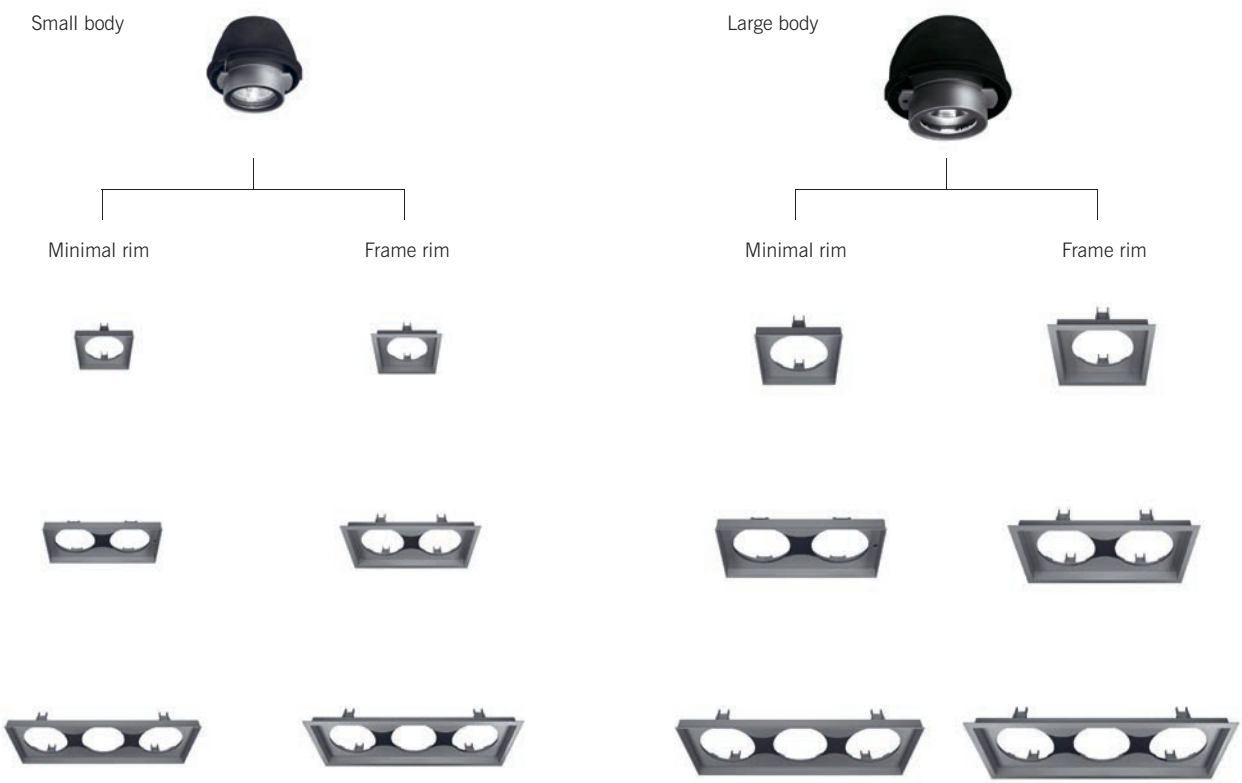
Express recessed

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.

Minimal rim

Frame rim



Express recessed

Photometric values

S - Spot

M - Medium

F - Flood

WF - Wide-Flood**

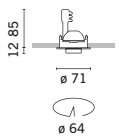
E - Elliptical**

		S - Spot				M - Medium				F - Flood				WF - Wide-Flood**				E - Elliptical**			
		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	2W - 5,9W	2	0,3	-	3409	2	0,9	-	642												
		4	0,6	-	852	4	1,7	-	161												
		6	0,8	-	379	6	2,6	-	71												
		8	1,1	-	213	8	3,4	-	40												
LED RGB	6W					2	1	-	407									1	0,7	0,5	776
						4	2	-	102									2	1,5	1	194
						6	3	-	45									3	2,2	1,5	86
						8	4	-	25									4	2,9	2	49
QR-CBC 51*	50W	2	0,3	-	2530	2	0,7	-	909	2	1,4	-	462	1	1,1	-	792				
GU5,3		4	0,7	-	632	4	1,4	-	227	4	2,8	-	115	2	2,2	-	198				
		6	1	-	281	6	2,1	-	101	6	4,1	-	51	3	3,3	-	88				
		8	1,4	-	158	8	2,8	-	57	8	5,5	-	29	4	4,4	-	49				
QR 111*	100W	2	0,2	-	9050	2	0,8	-	1691	2	1,7	-	573								
G53		4	0,4	-	2263	4	1,6	-	423	4	3,4	-	143								
		6	0,6	-	1006	6	2,3	-	188	6	5,1	-	64								
		8	0,8	-	566	8	3,1	-	106	8	6,8	-	36								
QT 12	75W - 100W	2	0,3	0,3	2338	2	0,8	-	678	2	1,5	-	348								
GY6,35		4	0,7	0,6	585	4	1,6	-	170	4	2,9	-	87								
		6	1	0,8	260	6	2,3	-	75	6	4,4	-	39								
		8	1,4	1,1	146	8	3,1	-	42	8	5,8	-	22								
HIT-CE	20W - 35W	2	0,3	-	1487					2	1,4	-	321					2	1,1	0,4	343
PGJ5		4	0,7	-	372					4	2,8	-	80					4	2,3	0,8	86
		6	1	-	165					6	4,1	-	36					6	3,4	1,3	38
		8	1,4	-	93					8	5,5	-	20					8	4,6	1,7	21
HIT-CE	35W - 50W - 70W	2	0,3	-	2457	2	1	-	436	1	0,8	-	819	1	0,7	-	809	1	0,7	0,3	1191
G12	150W	4	0,6	-	614	4	2	-	109	2	1,5	-	205	2	1,5	-	202	2	1,3	0,6	298
		6	0,8	-	273	6	3	-	48	3	2,3	-	91	3	2,2	-	90	3	2	0,8	132
		8	1,1	-	154	8	4	-	27	4	3,1	-	51	4	2,9	-	51	4	2,7	1,1	74
HIT-TC-CE	35W - 50W - 70W	2	0,3	-	1481	2	0,8	-	503	1	0,5	-	1186	1	0,8	-	556	2	1,1	0,5	348
G8,5		4	0,7	-	370	4	1,6	-	126	2	1,1	-	296	2	1,7	-	139	4	2,3	1,1	87
		6	1	-	165	6	2,3	-	56	3	1,6	-	132	3	2,5	-	62	6	3,4	1,6	39
		8	1,4	-	93	8	3,1	-	31	4	2,1	-	74	4	3,4	-	35	8	4,6	2,1	22
HIR-111-CE*	35W - 70W	2	0,3	-	7232	2	0,8	-	2769	2	1,3	-	1548								
GX8,5		4	0,6	-	1808	4	1,6	-	692	4	2,6	-	387								
		6	0,8	-	804	6	2,3	-	308	6	3,9	-	172								
		8	1,1	-	452	8	3,1	-	173	8	5,2	-	97								
HST	50W - 100W	2	0,3	-	1509					2	0,9	-	388								
GX12-1		4	0,6	-	377					4	1,8	-	97								
		6	0,8	-	168					6	2,8	-	43								
		8	1,1	-	94					8	3,7	-	24								

* The values shown refer to actual Lux

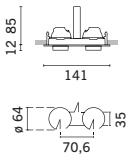
** Elliptical and Wide Flood optics are obtained by installing the respective accessories.
For photometric data, see catalog.iguzzini.com

Express recessed



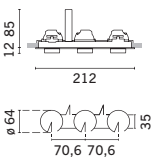
light source	W	Lm	optic	code
LED	Neutral white			
	2 W	130	8°	**2968**
	2 W	130	16°	**2970**
	Warm white			
	2 W	110	8°	**2969**
	2 W	110	16°	**2971**

ENEC 15 approved products



light source	W	Lm	optic	code
LED	Neutral white			
	2x2 W	125	8°	**2978**
	2x2 W	125	16°	**2980**
	Warm white			
	2x2 W	110	8°	**2979**
	2x2 W	110	16°	**2981**

ENEC 15 approved products



light source	W	Lm	optic	code
LED	Neutral white			
	2x3 W	125	8°	**2982**
	2x3 W	125	16°	**2984**
	Warm white			
	2x3 W	110	8°	**2983**
	2x3 W	110	16°	**2985**

ENEC 15 approved products

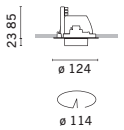
accessories

	code
Antiglare screen colour 04 Black	**6910**

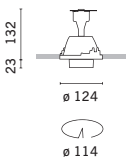
components

	code
Constant-current LED driver 1,5÷21 W V_{IN}=220-240Vac V_{OUT} max=38Vdc I_{OUT}=600mA Min 1x(3x2) LED Max 3x(3x2) LED colour 00 Indeterminate	**6993**

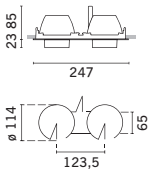
Express recessed



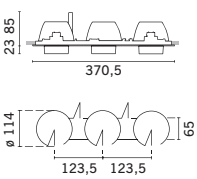
light source	W	Lm	optic	code
LED	Neutral white			
	5.9 W	380	8°	2972
	5.9 W	380	24°	2974
	Warm white			
	5.9 W	330	8°	2973
	5.9 W	330	24°	2975
	RGB DALI			
	12 W	450	28°	2976
	Biodynamic light			
	6 W	430	26°	2977
	ENEC 15 approved products The DALI and biodynamic light versions take 3 addresses			



light source	W	Lm	optic	code
QR CBC 51 (GU5,3)	50 W 12 V			M000
QT 12 ES (GY6,35)	75 W max 12 V		12°	M001
	75 W max 12 V		22°	M002
	Max 50W light sources must be used with accessories			
HIT-CE (PGJ5)	Complete with electronic control gear			
	20 W		10°	M003*
	20 W		36°	M004*
	35 W		8°	M005*
	35 W		38°	M006*
	* Class of Insulation I IP23			



light source	W	Lm	optic	code
LED	Complete with power supply Neutral white			
	2x6 W	380	8°	2986
	2x6 W	380	24°	2988
	Warm white			
	2x6 W	330	8°	2987
	2x6 W	330	24°	2989
	RGB DALI			
	2x6 W	225	28°	2990
	Biodynamic light			
	2x6 W	425	26°	2991
	The DALI and biodynamic light versions take 3 addresses			



light source	W	Lm	optic	code
LED	Complete with power supply Neutral white			
	3x6 W	375	8°	4652
	3x6 W	375	24°	4654
	Warm white			
	3x6 W	325	8°	4653
	3x6 W	325	24°	4655
	RGB DALI			
	3x6 W	225	28°	4656
	Biodynamic light			
	3x6 W	425	26°	4657
	The DALI and biodynamic light versions take 3 addresses Compatible with light management systems of the iGuzzini range illustrated on page 19. For the system definition, refer to the instructions			

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	MW32
Refractor for elleptical distribution +IR filter no for LED colour 24 clear transparent	MW45
Refractor for elleptical distribution +UVA filter colour 24 clear transparent	MW48
Coloured filters no for LED colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	8658
Warmtone filter no for LED colour 24 clear transparent	MW36
Coldtone filter no for LED colour 24 clear transparent	MW39
UV filter no for LED colour 24 clear transparent	MW33
IR filter no for LED colour 24 clear transparent	8785
IR filter+UVA no for LED colour 24 clear transparent	MW42
Antiglare screen colour 04 black	6936
Interchanging reflectors for lamps HIT-CE medium colour 12 alluminium	MX33

components

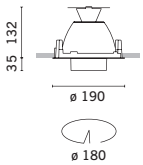
	code
Constant-current LED driver 1,5÷21 W V_{IN}=220-240Vac V_{OUT} max=38Vdc I_{OUT}=600mA Min 1x(3x2) LED Max 3x(3x2) LED colour 00 indeterminate	6993
Driver group for recessed biodynamic 220-240 Vac - Includes DALI 600mA interface and 30 W 28Vdc electronic ballast. - Can connect up to 9 biodynamic LED - Occupies 3 DALI addresses colour 00 indeterminate	SP06
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 colour 00 indeterminate	SP07
Branching terminal blocks for RGB and Biodynamic connections in series colour 00 indeterminate	SP09
Electronic safety transformer 20-60 W 230/12 V Top 50-105 W 230/12 V Top 10-60 W 230/12 V St 35-105 W 230/12 V St colour 00 indeterminate	5580 5582 5581 5583
Electronic safety transformer 50-200 W 230/12 V Top 50-200 W 230/12 V St 20-60 W 230/12 V St 50-105 W 230/12 V St colour 00 indeterminate	5586 5587 5584 5585

Colours

01
WHITE

15
GREY

Express recessed



light source	W	optic	code
QT 12 ES (GY6,35)	100 W max 12 V	10°	**M007**
	100 W max 12 V	40°	**M008**
	IP23		
HIT-TC-CE (G8,5)	Complete with electronic control gear		
	35 W	10°	**M009**
	35 W	30°	**M010**
	35 W	46°	**MD51**
	50 W	10°	**MC77**
	50 W	30°	**MC78**
	50 W	46°	**MD52**
	70 W	16°	**M011**
	70 W	30°	**M012**
	70 W	46°	**MD53**
	IP23 - Class of Insulation I		

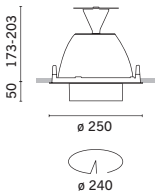
accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**1191**
Refractor for elleptical distribution colour 24 clear transparent	**MW46**
Refractor for elleptical distribution +UVA filter colour 24 clear transparent	**MW49**
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**4491**
Warmtone filter colour 24 clear transparent	**MW37**
Coldtone filter colour 24 clear transparent	**MW40**
UV filter colour 24 clear transparent	**4497**
IR filter colour 24 clear transparent	**MW34**
IR filter+UVA colour 24 clear transparent	**MW43**
Antiglare screen colour 04 black	**MW51**
Interchanging reflectors for lamps HIT-TC-CE medium colour 12 alluminium	**MX34**

components

	code
Electronic safety transformer	
20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St	**5583**
colour 00 indeterminate	
Electronic safety transformer	
50-200 W 230/12 V Top	**5586**
50-200 W 230/12 V St	**5587**
20-60 W 230/12 V St	**5584**
50-105 W 230/12 V St	**5585**
colour 00 indeterminate	

Express recessed



light source	W	hole	optic	code
HIT-CE (G12)	35/50/70/100W	203	8°	**M015**
	35/50/70/100W	203	28°	**M016**
	35/50/70/100W	203	40°	**MD54**
	150W	203	10°	**M017**
	150W	203	26°	**M018**
	150W	203	40°	**MD55**
HST (GX12-1)	50/100W	203	8°	**M019**
	50/100W	203	26°	**M020**
	50/100W	203	40°	**MD56**
HIR-111-CE (GX8,5)	35/70W	173		**M014**

Max 35W light sources must be used with accessories

QR 111 (G53)	100W 12V	173		**M013**

Max 75W light sources must be used with accessories

IP23
Class of Insulation I (no for QR 111)

accessories

	code
Refractor for elleptical distribution for M013-M014-M015-M016 M017-M018-MD54-MD55 colour 24 clear transparent	**1192**
Refractor for elleptical distribution +IR filter for M013-M014-M015-M016 M017-M018-MD54-MD55 colour 24 clear transparent	**MW47**
Refractor for elleptical distribution +UVA filter for M013-M014-M015-M016 M017-M018-MD54-MD55 colour 24 clear transparent	**MW50**
Coloured filters for M013-M014-M015-M016 M017-M018-MD54-MD55 colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**9537**
Warmtone filter for M013-M014-M015-M016 M017-M018-MD54-MD55 colour 24 clear transparent	**MW38**
Coldtone filter for M013-M014-M015-M016 M017-M018-MD54-MD55 colour 24 clear transparent	**MW41**
UV filter for M013-M014-M015-M016 M017-M018-MD54-MD55	**4498**
IR filter for M013-M014-M015 M016-M017-M018 colour 24 clear transparent	**MW35**
IR filter+UVA for M013-M014-M015-M016 M017-M018-MD54-MD55 colour 24 clear transparent	**MW44**
Antiglare screen colour 04 black	**MW52**
Interchanging reflectors for lamps HIT-CE 150W medium colour 12 alluminium	**MX35**
Interchanging reflectors for lamps HST - HIT-CE 35/50/70/100 W medium colour 12 alluminium	**MXG1**

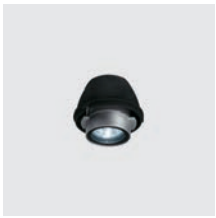
components

	code
Electronic control gear for 2x35W HIT Weight 0,365 - Dim. 175x79,5x32h colour 00 indeterminate	**4437**
Electronic control gear for 50W HST Weight kg. 0,750 - Dim. 185x90x40h	**4438**
for 100W HST Weight kg. 0,800 - Dim. 185x90x40h colour 00 indeterminate	**4439**
Electronic control gear for 20W HIT Weight kg. 0,320 - Dim. 225x60x37h	**9698**
for 35W HIT Weight kg. 0,320 - Dim. 225x60x37h	**4466**
for 50W HIT Weight kg. 0,350 - Dim. 188x83x35h	**MWR3**
for 70W HIT Weight kg. 0,350 - Dim. 185x90x37h	**4467**
for 100W HIT Weight kg. 0,350 - Dim. 224x83x38h	**MWR4**
for 150W HIT Weight kg. 0,350 - Dim. 185x90x37h colour 00 indeterminate	**4465**
Control gear complete with capacitor for 35W HIT Weight kg. 1,450 - Dim. 257x92x70h	**4468**
for 70W HIT Weight kg. 1,700 - Dim. 257x92x70h	**4469**
for 150W HIT Weight kg. 2,550 - Dim. 332x110x77h colour 00 indeterminate	**4470**
Control gear complete with capacitor and ignitor with controlled pulses for 35W HIT Weight kg. 1,450 - Dim. 257x92x70h	**4471**
for 70W HIT Weight kg. 1,700 - Dim. 257x92x70h	**4472**
for 150W HIT Weight kg. 2,550 - Dim. 332x110x77h colour 00 indeterminate	**4473**
Electronic safety transformer 20-60W 230/12V Top	**5580**
50-105W 230/12V Top	**5582**
10-60W 230/12V St	**5581**
35-105W 230/12V St colour 00 indeterminate	**5583**
Electronic safety transformer 50-200W 230/12V Top	**5586**
50-200W 230/12V St	**5587**
20-60W 230/12V St	**5584**
50-105W 230/12V St colour 00 indeterminate	**5585**

Colours

01 WHITE	15 GREY

Express recessed



ø 99,5

light source	W	optic	code
QR CBC 51 (GU5,3)	50 W 12 V		**M021**
QT 12 ES (GY6,35)	75 W max 12 V	12°	**M022**
	75 W max 12 V	22°	**M023**
HIT-CE (PGJ5)	Complete with electronic control gear		
	20 W	10°	**M024**
	20 W	36°	**M025**
	35 W	8°	**M026**
	35 W	38°	**M027**

Class of Insulation I

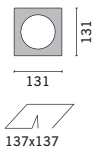
colour 01 white - 15 grey

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**MW32**
Refractor for elleptical distribution +IR filter colour 24 clear transparent	**MW45**
Refractor for elleptical distribution +UVA filter colour 24 clear transparent	**MW48**
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**8658**
Warmtone filter colour 24 clear transparent	**MW36**
Coldtone filter colour 24 clear transparent	**MW39**
UV filter colour 24 clear transparent	**MW33**
IR filter colour 24 clear transparent	**8785**

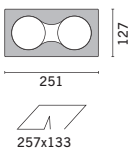
	code
IR filter+UVA colour 24 clear transparent	**MW42**
Antiglare screen colour 04 black	**6936**
Interchanging reflectors for lamps HIT-CE medium colour 12 alluminium	**MX33**
Electronic safety transformer	
20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St	**5583**
colour 00 indeterminate	
Electronic safety transformer	
50-200 W 230/12 V Top	**5586**
50-200 W 230/12 V St	**5587**
20-60 W 230/12 V St	**5584**
50-105 W 230/12 V St	**5585**
colour 00 indeterminate	

Minimal rims for recessed installation



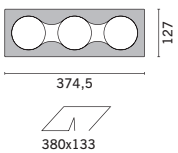
1 optical assembly — **M034**

Minimum height of installation opening 155 mm
colour 01 white - 15 grey



2 optical assemblies — **M035**

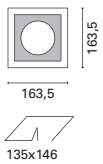
Minimum height of installation opening 155 mm
colour 47 white/black - 74 grey/black



3 optical assemblies — **M036**

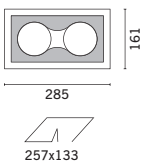
Minimum height of installation opening 155 mm
colour 47 white/black - 74 grey/black

Frame rims for recessed installation



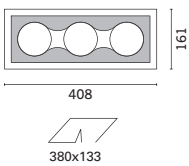
1 optical assembly — **M040**

Minimum height of installation opening 152 mm
colour 01 white - 15 grey



2 optical assemblies — **M041**

Minimum height of installation opening 152 mm
colour 47 white/black - 74 grey/black



3 optical assemblies — **M042**

Minimum height of installation opening152 mm
colour 47 white/black - 74 grey/black

Express recessed

ø 152,5

light source	W	optic	code
QT 12 ES (GY6,35)	100 W max 12 V	10°	**M028**
	100 W max 12 V	40°	**M029**
HIT-TC-CE (G8,5)	Complete with electronic control gear		
	35 W	10°	**M030**
	35 W	30°	**M031**
	70 W	16°	**M032**
	70 W	30°	**M033**

Class of Insulation I

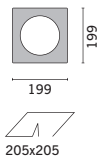
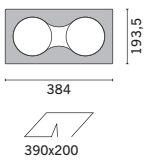
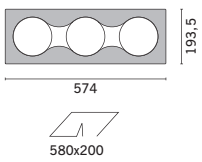
colour 01 white - 15 grey

accessories

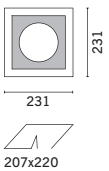
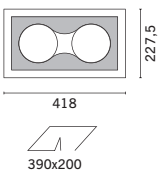
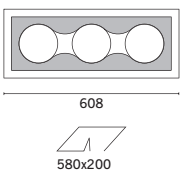
	code
Refractor for elleptical distribution colour 24 clear transparent	**1191**
Refractor for elleptical distribution colour 24 clear transparent	**MW46**
Refractor for elleptical distribution +UVA filter colour 24 clear transparent	**MW49**
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**4491**
Warmtone filter colour 24 clear transparent	**MW37**
Coldtone filter colour 24 clear transparent	**MW40**
UV filter colour 24 clear transparent	**4497**
IR filter colour 24 clear transparent	**MW34**

	code
IR filter+UVA colour 24 clear transparent	**MW43**
Antiglare screen colour 04 black	**MW51**
Interchanging reflectors for lamps HIT-TC-CE medium colour 12 alluminium	**MX34**
Electronic safety transformer 20-60 W 230/12 V Top 50-105 W 230/12 V Top 10-60 W 230/12 V St 35-105 W 230/12 V St colour 00 indeterminate	**5580** **5582** **5581** **5583**
Electronic safety transformer 50-200 W 230/12 V Top 50-200 W 230/12 V St 20-60 W 230/12 V St 50-105 W 230/12 V St colour 00 indeterminate	**5586** **5587** **5584** **5585**

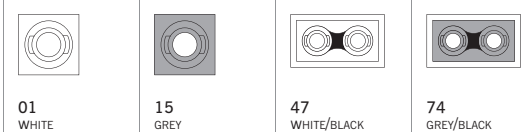
Minimal rims for recessed installation

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

Frame rims for recessed installation

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

Colours



01 WHITE

15 GREY

47 WHITE/BLACK

74 GREY/BLACK

The essence of racing.
All for 1.
The essence of racing.
All for 1.
CREDIT SUISSE
intel
DELL
BRIDGESTONE
intel
CREDIT SUISSE
intel

Trimmer recessed

design G. Aulenti - P. Castiglioni

Circular

Square

Recessed luminaires
with 2 optical assemblies

Recessed luminaires
with 3 optical assemblies

BMW Welt headquarters - Munich, Germany

Architectural project: Wolf D. Prix - Lighting project: AG Licht - Photo: Architekturfotografie Engel ha rdt-Sellin

Trimmer recessed

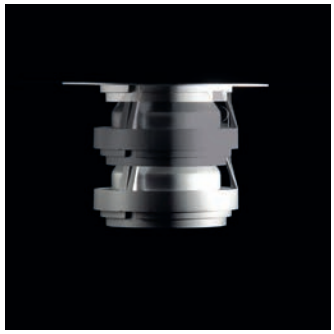
Features

IP20

- Recessed installation in false ceilings with 1 to 25 mm.
- Die-cast aluminium optical assemblies, metal outer rim, painted sheet steel lamp holder unit.

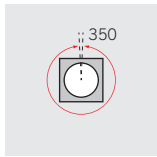
Adjustability

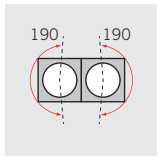
Trimmer combines the functionality and convenience of recessed modular systems with the advantages of spotlights thanks to the fact that the optical assemblies are fully removable and adjustable. This means that light can be made to fall precisely in any area of the room, with minimal impact on the architecture.

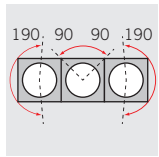


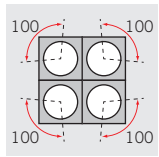
Spotlights are adjustable
The single version rotates 350° in relation to the vertical axis. The double version allows each spotlight to rotate190°.

In the triple version, the central spotlight rotates 90° (60° for HIT versions HIT). The 4-spot version allows each spotlight to rotate 100°.









Photometric values

S - Spot

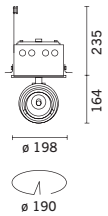
M - Medium

F - Flood

		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
QR 111* G53	75W	2	0,2	-	5538	2	0,9	-	1101	2	1,5	-	357
		4	0,4	-	1385	4	1,7	-	275	4	3,1	-	89
		6	0,6	-	615	6	2,6	-	122	6	4,6	-	40
		8	0,8	-	346	8	3,4	-	69	8	6,1	-	22
HIT-CE G12	35W - 70W - 150W					2	0,8	-	426	1	0,6	-	891
						4	1,6	-	107	2	1,2	-	223
						6	2,3	-	47	3	1,8	-	99
						8	3,1	-	27	4	2,4	-	56

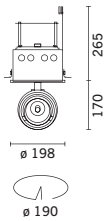
* The values shown refer to actual Lux

Trimmer recessed



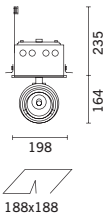
light source	W	code
QR 111 (G53)	75 W 12 V	**4605**

Class of Insulation III



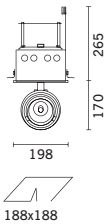
light source	W	optic	code
HIT-CE (G12)	35/70/150 W	22°	**4630**
	35/70/150 W	26°	**4631**

Complete with safety glass



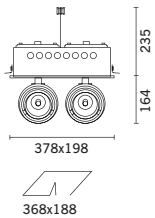
light source	W	code
QR 111 (G53)	75 W 12 V	**4606**

Class of Insulation III



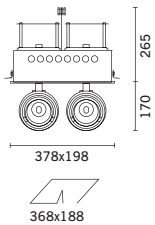
light source	W	optic	code
HIT-CE (G12)	35/70/150 W	22°	**4632**
	35/70/150 W	34°	**4633**

Complete with safety glass



light source	W	code
QR 111 (G53)	2x75 W 12 V	**4607**

Class of Insulation III



light source	W	optic	code
HIT-CE (G12)	2x35/70/150 W	34°	**4634**

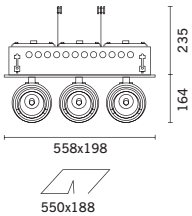
Complete with safety glass

Colours

01
WHITE

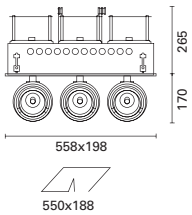
15
GREY

Trimmer recessed



light source	W	code
QR 111 (G53)	3x75 W 12 V	**4608**

Class of Insulation III



light source	W		code
HIT-CE (G12)	3x35/70/150 W	F	**4635**

Complete with safety glass

accessories

Coloured filters **8782**

colour 05 red - 06 yellow
09 sky blue - 24 clear transparent
65 nitric
Maximum 70W output

components

Electronic control gear **4437**

for 2x35 W HIT
Weight kg. 0,365 - Dim. 175x79,5x32h
colour 00 indeterminate

Electronic control gear

for 35 W HIT **4466**
Weight kg. 0,320 - Dim. 225x60x37h
for 70 W HIT **4467**
Weight kg. 0,350 - Dim. 185x90x37h
for 150 W HIT **4465**
Weight kg. 0,350 - Dim. 185x90x37h
colour 00 indeterminate

Control gear complete with capacitor

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

Control gear complete with capacitor and ignitor with controlled pulses

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

Electronic safety transformer

20-60 W	230/12 V	Top	**5580**
50-105 W	230/12 V	Top	**5582**
10-60 W	230/12 V	St	**5581**
35-105 W	230/12 V	St	**5583**

colour 00 indeterminate

Electronic safety transformer

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

colour 00 indeterminate

Napapijri Store - Milan, Italy
Photo: Germano Borrelli

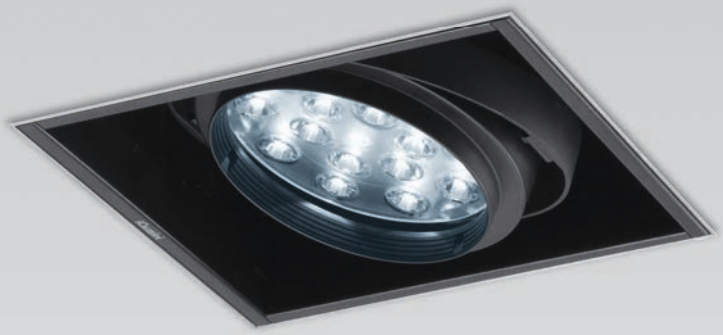
Colours

01
WHITE

15
GREY

Frame - Minimal

design G. Aulenti - P. Castiglioni



Napapijri Store - Milan, Italy

Photo: Germano Borrelli

Frame - Minimal

Features

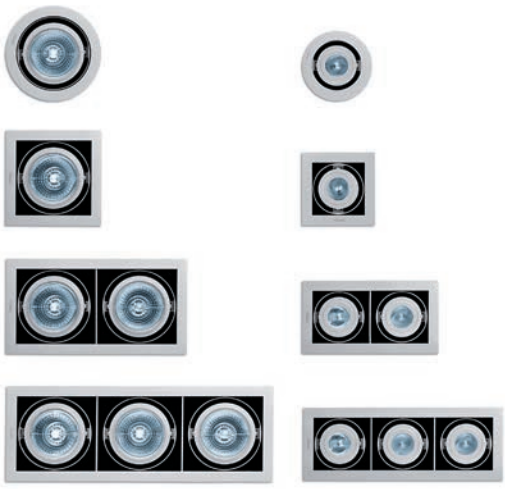
IP23

- Recessed installation in false ceilings; from 12,5 to 15 mm thick for Minimal version, from 1 to 30 mm thick for Frame version.
- Die-cast aluminium optical assemblies, metal outer rim, painted sheet steel lamp holder unit.

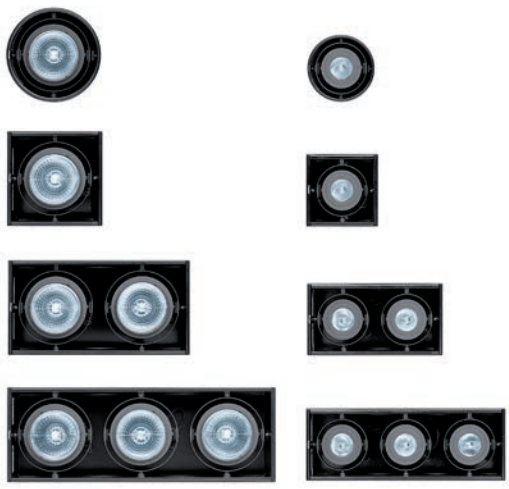
Frame

Minimal

Frame



Minimal



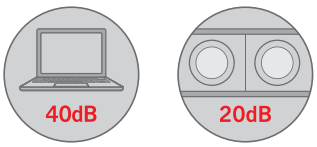
Frame LED - **Minimal** LED

LED versions

For large versions, LED lamps are available with one, two and three optical assemblies with excellent chromatic rendering: CRI>75/80/90 according to version.

Heat dissipation

Two innovative solutions for carrying away heat: active and passive.
The active version includes a small cooling fan, allowing the use of higher powered LEDs and therefore optimum performance.



Active dissipation
20 dB

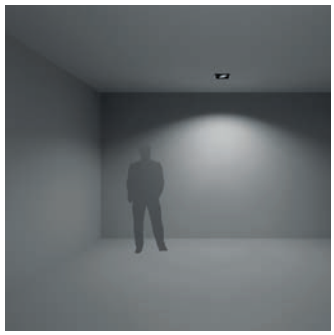
Passive dissipation

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.

M **F** **E**

M - Medium



F - Flood

E - Elliptic

Frame - Minimal

Photometric values

S - Spot

M - Medium

F - Flood

E - Elliptical**

Small body

		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	5,9W					2	0,9	-	642								
						4	1,7	-	161								
						6	2,6	-	71								
						8	3,4	-	40								
QR-CBC 51*	50W	2	0,3	-	2530	2	0,7	-	909	2	1,4	-	462	2	1,2	0,5	468
GU5,3		4	0,7	-	632	4	1,4	-	227	4	2,8	-	115	4	2,4	1,1	117
		6	1	-	281	6	2,1	-	101	6	4,1	-	51	6	3,7	1,6	52
		8	1,4	-	158	8	2,8	-	57	8	5,5	-	29	8	4,9	2,1	29
QR 70*	50W	2	0,3	-	2426	2	0,9	-	586					2	1,5	0,3	333
BA15d		4	0,6	-	607	4	1,8	-	147					4	3,1	0,6	83
		6	0,8	-	270	6	2,8	-	65					6	4,6	0,9	37
		8	1,1	-	152	8	3,7	-	37					8	6,1	1,3	21
HI-PAR 51-CE*	35W	2	0,5	-	2434	2	1,1	-	950	2	1,6	-	490				
GX10		4	1	-	609	4	2,1	-	237	4	3,2	-	122				
		6	1,5	-	270	6	3,2	-	106	6	4,8	-	54				
		8	2	-	152	8	4,3	-	59	8	6,5	-	31				

Large body

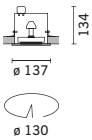
LED	18W	2	0,5	-	1390	2	1,1	-	425	1	0,8	-	906	2	1,9	0,5	420
	PASSIVE DISSIPATION	4	1	-	347	4	2,1	-	106	2	1,7	-	226	4	3,7	1,1	105
		6	1,5	-	154	6	3,2	-	47	3	2,5	-	101	6	5,6	1,6	47
		8	2	-	87	8	4,3	-	27	4	3,4	-	57	8	7,5	2,1	26
LED	35W	2	0,5	-	1390	2	1,1	-	425	1	0,8	-	906	2	1,9	0,5	420
	ACTIVE DISSIPATION	4	1	-	347	4	2,1	-	106	2	1,7	-	226	4	3,7	1,1	105
		6	1,5	-	154	6	3,2	-	47	3	2,5	-	101	6	5,6	1,6	47
		8	2	-	87	8	4,3	-	27	4	3,4	-	57	8	7,5	2,1	26
PAR 30S*	75W	2	0,3	-	1910	2	0,9	-	498					1	0,7	0,3	1259
E27		4	0,6	-	478	4	1,8	-	124					2	1,4	0,5	315
		6	0,8	-	212	6	2,8	-	55					3	2,1	0,8	140
		8	1,1	-	119	8	3,7	-	31					4	2,8	1,1	79
QR 111*	75W	2	0,2	-	5538	2	0,9	-	1101	2	1,5	-	357	1	0,1	1,2	542
G53		4	0,4	-	1385	4	1,7	-	275	4	3,1	-	89	2	0,2	2,3	136
		6	0,6	-	615	6	2,6	-	122	6	4,6	-	40	3	0,3	3,5	60
		8	0,8	-	346	8	3,4	-	69	8	6,1	-	22	4	0,4	4,6	34
HIT-CE	35W - 70W									1	1,1	-	429	1	1,6	1	227
G12										2	2,1	-	107	2	3,3	1,9	57
										3	3,2	-	48	3	4,9	2,9	25
										4	4,3	-	27	4	6,6	3,8	14
HIT-TC-CE	35W - 70W									1	0,8	-	498	1	1,5	0,8	257
G8,5										2	1,5	-	124	2	2,9	1,6	64
										3	2,3	-	55	3	4,4	2,4	29
										4	3,1	-	31	4	5,8	3,2	16
HIR-111-CE*	35W - 70W	2	0,3	-	7232	2	0,8	-	2769	2	1,3	-	1548	2	2,1	0,3	1756
GX8,5		4	0,6	-	1808	4	1,6	-	692	4	2,6	-	387	4	4,3	0,7	439
		6	0,8	-	804	6	2,3	-	308	6	3,9	-	172	6	6,4	1	195
		8	1,1	-	452	8	3,1	-	173	8	5,2	-	97	8	8,5	1,4	110
HI-PAR 30-CE*	70W	2	0,3	-	13395					2	1,4	-	1826	2	1,9	0,5	2432
E27		4	0,6	-	3349					4	2,8	-	457	4	3,7	1	608
		6	0,8	-	1488					6	4,1	-	203	6	5,6	1,5	270
		8	1,1	-	837					8	5,5	-	114	8	7,5	2	152

* The values shown refer to actual Lux

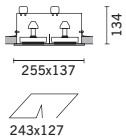
** Elliptical optic is obtained by installing the respective accessories.
For photometric data, see catalog.iguzzini.com

The photometric values of RGB products are measured in 6000K white light conditions

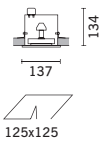
Frame



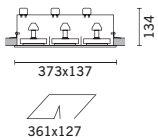
light source	W	Lm	optic	code
QR CBC 51 (GU5,3)	50 W	12 V		**8855**
QR 70 (BA15d)	50 W	12 V		**8856**
HI-PAR 51-CE (GX10)	Complete with electronic control gear			
	35 W			**M339**
	Class of Insulation I			
LED	Neutral white			
	6,2 W	370	24°	**M342**
	Warm white			
	5,8 W	270	26°	**M343**
	Power supply to be ordered separately			



light source	W	Lm	optic	code
QR CBC 51 (GU5,3)	2x50 W	12 V		**8859**
QR 70 (BA15d)	2x50 W	12 V		**8860**
HI-PAR 51-CE (GX10)	Complete with electronic control gear			
	2x35 W			**M341**
	Class of Insulation I			
LED	Neutral white Complete with power supply			
	2x6,2 W	370	24°	**M346**
	Warm white Complete with power supply			
	2x5,8 W	270	26°	**M347**
	Class of Insulation II			



QR CBC 51 (GU5,3)	50 W	12 V		**8857**
QR 70 (BA15d)	50 W	12 V		**8858**
HI-PAR 51-CE (GX10)	Complete with electronic control gear			
	35 W			**M340**
	Class of Insulation I			
LED	Neutral white			
	6,2 W	370	24°	**M344**
	Warm white			
	5,8 W	270	26°	**M345**
	Power supply to be ordered separately.			



QR CBC 51 (GU5,3)	3x50 W	12 V		**8861**
QR 70 (BA15d)	3x50 W	12 V		**8862**

accessories

Refractor for elleptical distribution

	code
for QR CBC 51	**8766**
for QR 70	**8770**

colour 24 clear transparent

Coloured filters

	code
for QR CBC 51	**8753**
for QR 70	**8764**

colour 05 red - 06 yellow
09 sky blue - 65 nitric

Louvre — code **8775**

for QR CBC 51
colour 04 black

components

Constant-current LED driver 1,5÷21 W — code **6993**

V_{IN}=220-240Vac
V_{OUT} max=38Vdc
I_{OUT}=600mA
colour 00 indeterminate

Electronic safety transformer

			code
20-60 W	230/12 V	Top	**5580**
50-105 W	230/12 V	Top	**5582**
10-60 W	230/12 V	St	**5581**
35-105 W	230/12 V	St	**5583**

colour 00 indeterminate

Electronic safety transformer

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

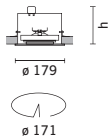
colour 00 indeterminate

Colours

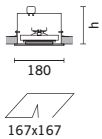
01
WHITE

15
GREY

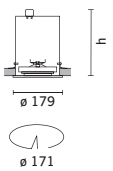
Frame



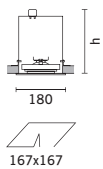
light source	W	Lm	height	optic	code
LED	**Passive dissipation**				
	Complete with DALI power supply				
	Neutral white				
	18W	1900	110	46°	**MF49**
	Warm white				
	18W	1800	110	14°	**MF50**
	18W	1800	110	30°	**MF51**
	18W	1800	110	46°	**MF52**
	Warm white - CRI>90				
	18W	1500	110	14°	**MF53**
	18W	1500	110	30°	**MF54**
	Active dissipation				
	Complete with DALI power supply				
	Neutral white				
	35W	3100	200	46°	**MF97**
	Warm white				
	35W	3000	200	14°	**MF98**
	35W	3000	200	30°	**MF99**
	35W	3000	200	46°	**MG00**
	Warm white - CRI>90				
	35W	2500	200	14°	**MG01**
	35W	2500	200	30°	**MG02**
	IP20 - Class of Insulation II				
QR 111 (G53)	75W	12V	134		**8875**
PAR 30S (E27)	75W	230V	184		**8876**
	Class of Insulation II				



light source	W	Lm	height	optic	code
LED	**Passive dissipation**				
	Complete with DALI power supply				
	Neutral white				
	18W	1900	110	46°	**MF55**
	Warm white				
	18W	1800	110	14°	**MF56**
	18W	1800	110	30°	**MF57**
	18W	1800	110	46°	**MF58**
	Warm white - CRI>90				
	18W	1500	110	14°	**MF59**
	18W	1500	110	30°	**MF60**
	Active dissipation				
	Complete with DALI power supply				
	Neutral white				
	35W	3100	200	46°	**MG03**
	Warm white				
	35W	3000	200	14°	**MG04**
	35W	3000	200	30°	**MG05**
	35W	3000	200	46°	**MG06**
	Warm white - CRI>90				
	35W	2500	200	14°	**MG07**
	35W	2500	200	30°	**MG08**
	IP20 - Class of Insulation II				
QR 111 (G53)	75W	12V	134		**8877**
PAR 30S (E27)	75W	230V	184		**8878**
	Class of Insulation II				



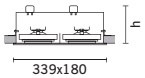
HIT-TC-CE (G8,5)	35/70W		224	42°	**4241**
HIT-CE (G12)	35/70W		224	56°	**4242**
HI-PAR 30-CE (E27)	70W		224		**4243**
HIR-111-CE (GX8,5)	35/70W		184		**5871**
	High-efficiency reflector				
HIT-TC-CE (G8,5)	20/35/70W		224	12°	**M188**
	20/35/70W		224	30°	**M189**
	We advise against the use of accessories so as to leave the LOR unchanged				
	Class of Insulation I				



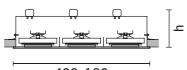
HIT-TC-CE (G8,5)	35/70W		224	42°	**4244**
HIT-CE (G12)	35/70W		224	56°	**4245**
HI-PAR 30-CE (E27)	70W		224		**4246**
HIR-111-CE (GX8,5)	35/70W		184		**5872**
	High-efficiency reflector				
HIT-TC-CE (G8,5)	20/35/70W		224	12°	**M190**
	20/35/70W		224	30°	**M191**
	We advise against the use of accessories 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



light source	W	Lm	height	optic	code
LED	**Passive dissipation**				
	Complete with DALI power supply				
	Neutral white				
	2x18 W	1900	110	46°	**MF61**
	Warm white				
	2x18 W	1800	110	14°	**MF62**
	2x18 W	1800	110	30°	**MF63**
	2x18 W	1800	110	46°	**MF64**
	Warm white - CRI>90				
	2x18 W	1500	110	14°	**MF65**
	2x18 W	1500	110	30°	**MF66**
	Active dissipation				
	Complete with DALI power supply				
	Neutral white				
	2x35 W	3100	200	46°	**MG09**
	Warm white				
	2x35 W	3000	200	14°	**MG10**
	2x35 W	3000	200	30°	**MG11**
	2x35 W	3000	200	46°	**MG12**
	Warm white - CRI>90				
	2x35 W	2500	200	14°	**MG13**
	2x35 W	2500	200	30°	**MG14**
	IP20 - Class of Insulation II				
QR 111 (G53)	2x75 W	12 V	134		**8879**
PAR 30S (E27)	2x75 W	230 V	184		**8880**
	Class of Insulation II				



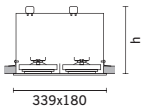
light source	W	Lm	height	optic	code
LED	**Passive dissipation**				
	Complete with DALI power supply				
	Neutral white				
	3x18 W	1900	110	46°	**MF67**
	Warm white				
	3x18 W	1800	110	14°	**MF68**
	3x18 W	1800	110	30°	**MF69**
	3x18 W	1800	110	46°	**MF70**
	Warm white - CRI>90				
	3x18 W	1500	110	14°	**MF71**
	3x18 W	1500	110	30°	**MF72**
	Active dissipation				
	Complete with DALI power supply				
	Neutral white				
	3x35 W	3100	200	46°	**MG15**
	Warm white				
	3x35 W	3000	200	14°	**MG16**
	3x35 W	3000	200	30°	**MG17**
	3x35 W	3000	200	46°	**MG18**
	Warm white - CRI>90				
	3x35 W	2500	200	14°	**MG19**
	3x35 W	2500	200	30°	**MG20**
	IP20 - Class of Insulation II				
QR 111 (G53)	3x75 W	12 V	134		**8881**
PAR 30S (E27)	3x75 W	230 V	184		**8882**
	Class of Insulation II				

Colours

01
WHITE

15
GREY

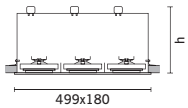
Frame



light source	W	height	optic	code
HIT-TC-CE (G8,5)	2x35/70W	224	42°	**4247**
HIT-CE (G12)	2x35/70W	224	56°	**4248**
HI-PAR 30-CE (E27)	2x70W	224		**4249**
HIR-111-CE (GX8,5)	2x35/70W	184		**5873**
	High-efficiency reflector			
HIT-TC-CE (G8,5)	2x20/35/70W	224	12°	**M192**
	2x20/35/70W	224	30°	**M193**

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

Class of Insulation I



light source	W	height	optic	code
HIR-111-CE (GX8,5)	3x35/70W	224		**M196**
HIT-TC-CE (G8,5)	2x70W (HIT-TC-CE) +75W (QR 111)	224	42°	**4250**
QR 111 (G53)	70W (HIT-TC-CE) +2x75W (QR 111)	224	42°	**4253**
HIT-CE (G12)	2x70W (HIT-TC-CE) +75W (QR 111)	224	56°	**4251**
QR 111 (G53)	70W (HIT-TC-CE) +2x75W (QR 111)	224	56°	**4254**
HI-PAR 30-CE (E27)	2x70W (HI-PAR 30-CE) +75W (QR 111)	224		**4252**
QR 111 (G53)				
	High-efficiency reflector			
HIT-TC-CE (G8,5)	3x20/35/70W	224	12°	**M194**
	3x20/35/70W	224	30°	**M195**

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

Class of Insulation I

accessories

	code
Refractor for elleptical distribution no for LED colour 24 clear transparent	**8771**
Optical diffuser for LED medium flood elliptical colour 24 clear transparent	**MXG3** **MXG4** **MXG5**
Coloured filters no for LED colour 05 red - 06 yellow 09 sky blue - 65 nitric	**8754**
Louvre Cut Off 45° for PAR30S - HI-PAR 30-CE colour 15 grey	**8732**

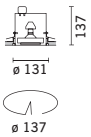
components

	code
Electronic control gear for 2x35W HIT Weight kg. 0,365 - Dim. 175x79,5x32h colour 00 indeterminate	**4437**
Electronic control gear for 20W HIT Weight kg. 0,320 - Dim. 225x60x37h	**9698**
for 35W HIT Weight kg. 0,320 - Dim. 225x60x37h	**4466**
for 70W HIT Weight kg. 0,350 - Dim. 185x90x37h colour 00 indeterminate	**4467**

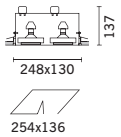
	code
Control gear complete with capacitor for 35W HIT Weight kg. 1,450 - Dim. 257x92x70h	**4468**
for 70W HIT Weight kg. 1,700 - Dim. 257x92x70h colour 00 indeterminate	**4469**
Control gear complete with capacitor and ignitor with controlled pulses for 35W HIT Weight kg. 1,450 - Dim. 257x92x70h	**4471**
for 70W HIT Weight kg. 1,700 - Dim. 257x92x70h colour 00 indeterminate	**4472**

	code
Electronic safety transformer 20-60W 230/12V Top	**5580**
50-105W 230/12V Top	**5582**
10-60W 230/12V St	**5581**
35-105W 230/12V St colour 00 indeterminate	**5583**
Electronic safety transformer 50-200W 230/12V Top	**5586**
50-200W 230/12V St	**5587**
20-60W 230/12V St	**5584**
50-105W 230/12V St colour 00 indeterminate	**5585**

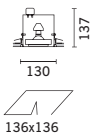
Minimal



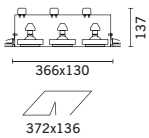
light source	W	Lm	optic	code
QR CBC 51 (GU5,3)	50 W	12 V		**8815**
QR 70 (BA15d)	50 W	12 V		**8816**
HI-PAR 51-CE (GX10)	Complete with electronic control gear			
	35 W			**M330**
	Class of Insulation I			
LED	Neutral white			
	6,2 W	370	24°	**M333**
	Warm white			
	5,8 W	270	26°	**M334**
	Power supply to be ordered separately			



light source	W	Lm	optic	code
QR CBC 51 (GU5,3)	2x50 W	12 V		**8819**
QR 70 (BA15d)	2x50 W	12 V		**8820**
HI-PAR 51-CE (GX10)	Complete with electronic control gear			
	2x35 W			**M322**
	Class of Insulation I			
LED	Neutral white Complete with power supply			
	2x6,2 W	370	24°	**M337**
	Warm white Complete with power supply			
	2x5,8 W	270	26°	**M338**
	Class of Insulation II			



QR CBC 51 (GU5,3)	50 W	12 V		**8817**
QR 70 (BA15d)	50 W	12 V		**8818**
HI-PAR 51-CE (GX10)	Complete with electronic control gear			
	35 W			**M331**
	Class of Insulation I			
LED	Neutral white			
	6,2 W	370	24°	**M335**
	Warm white			
	5,8 W	270	26°	**M336**
	Power supply to be ordered separately			



QR CBC 51 (GU5,3)	3x50 W	12 V		**8821**
QR 70 (BA15d)	3x50 W	12 V		**8822**

accessories

Refractor for elleptical distribution — code
for QR CBC 51 **8766**
for QR 70 **8770**
colour 24 clear transparent

Coloured filters — code
for QR CBC 51 **8753**
for QR 70 **8764**
colour 05 red - 06 yellow 09 sky blue - 65 nitric

Louvre **8775**
for QR CBC 51
colour 04 black

components

Constant-current LED driver 1,5÷21 W — code **6993**
V_{IN}=220-240Vac
V_{OUT} max=38Vdc
I_{OUT}=600mA
colour 00 indeterminate

Electronic safety transformer — code

20-60 W	230/12 V	Top	**5580**
50-105 W	230/12 V	Top	**5582**
10-60 W	230/12 V	St	**5581**
35-105 W	230/12 V	St	**5583**

colour 00 indeterminate

Electronic safety transformer

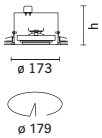
50-200 W	230/12 V	Top	**5586**
50-200 W	230/12 V	St	**5587**
20-60 W	230/12 V	St	**5584**
50-105 W	230/12 V	St	**5585**

colour 00 indeterminate

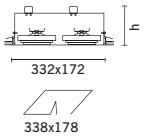
Colours

04
BLACK

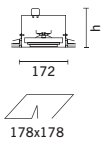
Minimal



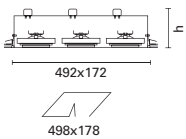
light source	W	Lm	height	optic	code
LED	Passive dissipation				
	Complete with DALI power supply				
	Neutral white				
	18W	1900	110	46°	**MF25**
	Warm white				
	18W	1800	110	14°	**MF26**
	18W	1800	110	30°	**MF27**
	18W	1800	110	46°	**MF28**
	Warm white - CRI>90				
	18W	1500	110	14°	**MF29**
	18W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



light source	W	Lm	height	optic	code
LED	Passive dissipation				
	Complete with DALI power supply				
	Neutral white				
	2x18W	1900	110	46°	**MF37**
	Warm white				
	2x18W	1800	110	14°	**MF38**
	2x18W	1800	110	30°	**MF39**
	2x18W	1800	110	46°	**MF40**
	Warm white - CRI>90				
	2x18W	1500	110	14°	**MF41**
	2x18W	1500	110	30°	**MF42**
	IP20 - Class of Insulation II				
QR 111 (G53)	2x75W 12V		137		**8839**



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



light source	W	Lm	height	optic	code
LED	Passive dissipation				
	Complete with DALI power supply				
	Neutral white				
	3x18W	1900	110	46°	**MF43**
	Warm white				
	3x18W	1800	110	14°	**MF44**
	3x18W	1800	110	30°	**MF45**
	3x18W	1800	110	46°	**MF46**
	Warm white - CRI>90				
	3x18W	1500	110	14°	**MF47**
	3x18W	1500	110	30°	**MF48**
	IP20 - Class of Insulation II				
QR 111 (G53)	3x75W 12V		137		**8841**

accessories

Refractor for elleptical distribution **8771**
for QR 111
colour 24 clear transparent

Optical diffuser for LED
medium **MXG3**
flood **MXG4**
elliptical **MXG5**
colour 24 clear transparent

Coloured filters **8754**
for QR 111
colour 05 red - 06 yellow
09 sky blue - 65 nitric

components

Electronic safety transformer			code
20-60W	230/12V	Top	**5580**
50-105W	230/12V	Top	**5582**
10-60W	230/12V	St	**5581**
35-105W	230/12V	St	**5583**

colour 00 indeterminate

Electronic safety transformer			code
50-200W	230/12V	Top	**5586**
50-200W	230/12V	St	**5587**
20-60W	230/12V	St	**5584**
50-105W	230/12V	St	**5585**

colour 00 indeterminate

Kuoni travel agency - Zurich, Switzerland

Architectural project: Andrin Schweizer Company
Lighting project: Andrin Schweizer Company - Photo: Günter Laznia

Colours

04
BLACK

KUONI

INFO

Deep Frame - Deep Minimal

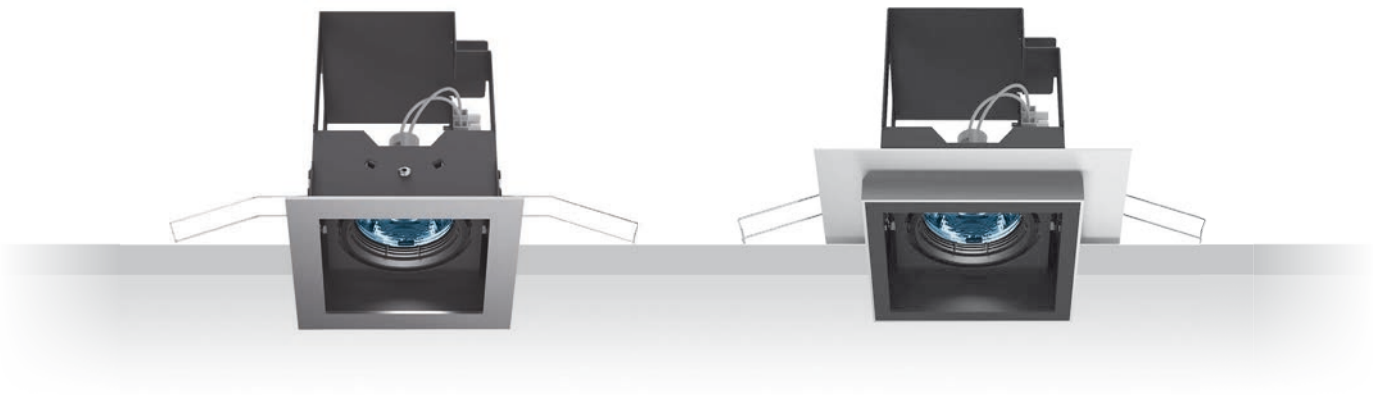
Repower Shop - Ilanz, Switzerland
Architectural project: arch. Daniel Huber - Photo: Günter Laznia

Deep Frame - Deep Minimal

Features

IP23

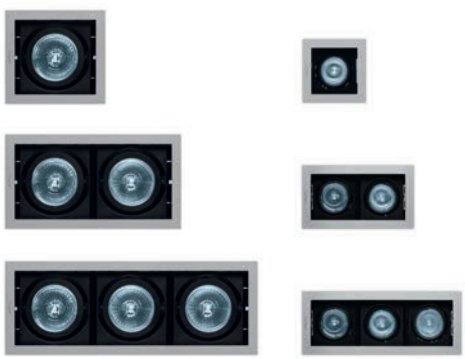
- Recessed installation in false ceilings; from 12,5 to 15 mm thick for Minimal version, from 1 to 30 mm thick for Frame version.
- Die-cast aluminium optical assemblies, metal outer rim, painted sheet steel lamp holder unit.



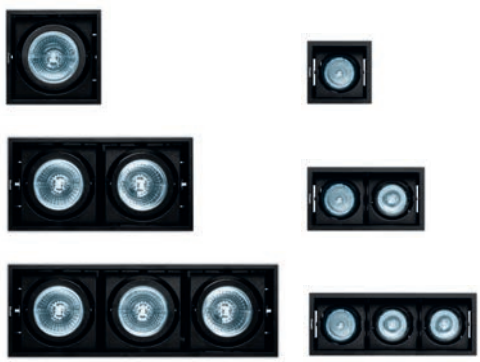
Deep Frame

Deep Minimal

Deep Frame



Deep Minimal



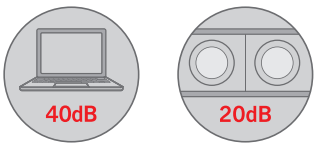
Deep Frame LED - Deep Minimal LED

LED versions

For large versions, LED lamps are available with one, two and three optical assemblies with excellent chromatic rendering: CRI>75/80/90 according to version.

Heat dissipation

Two innovative solutions for carrying away heat: active and passive.
The active version includes a small cooling fan, allowing the use of higher powered LEDs and therefore optimum performance.



Active dissipation
20 dB

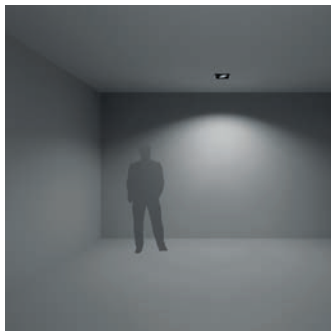
Passive dissipation

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.

M **F** **E**

M - Medium



F - Flood

E - Elliptical

Deep Frame - Deep Minimal

Photometric values

S - Spot

M - Medium

F - Flood

E - Elliptical**

Small body

		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	5,9W					2	0,9	-	676								
						4	1,8	-	169								
						6	2,8	-	75								
						8	3,7	-	42								
QR-CBC 51*	50W	2	0,3	-	2530	2	0,7	-	909	2	1,4	-	462				
GU5,3		4	0,7	-	632	4	1,4	-	227	4	2,8	-	115				
		6	1	-	281	6	2,1	-	101	6	4,1	-	51				
		8	1,4	-	158	8	2,8	-	57	8	5,5	-	29				
HI-PAR 51-CE*	35W	2	0,5	-	2434	2	1,1	-	950	2	1,6	-	490				
GX10		4	1	-	609	4	2,1	-	237	4	3,2	-	122				
		6	1,5	-	270	6	3,2	-	106	6	4,8	-	54				
		8	2	-	152	8	4,3	-	59	8	6,5	-	31				
HIT-CE	20W									1	1,5	-	304				
PGJ5										2	2,9	-	76				
										3	4,4	-	34				
										4	5,8	-	19				

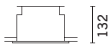
Large body

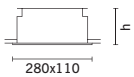
LED	19W	2	0,5	-	1390	2	1,1	-	425	1	0,8	-	906	2	1,9	0,5	420
		4	1	-	347	4	2,1	-	106	2	1,7	-	226	4	3,7	1,1	105
	PASSIVE DISSIPATION	6	1,5	-	154	6	3,2	-	47	3	2,5	-	101	6	5,6	1,6	47
		8	2	-	87	8	4,3	-	27	4	3,4	-	57	8	7,5	2,1	26
LED	35W	2	0,5	-	1390	2	1,1	-	425	1	0,8	-	906	2	1,9	0,5	420
		4	1	-	347	4	2,1	-	106	2	1,7	-	226	4	3,7	1,1	105
	ACTIVE DISSIPATION	6	1,5	-	154	6	3,2	-	47	3	2,5	-	101	6	5,6	1,6	47
		8	2	-	87	8	4,3	-	27	4	3,4	-	57	8	7,5	2,1	26
QR 111*	75W	2	0,2	-	5538	2	0,9	-	1101	2	1,5	-	357				
G53		4	0,4	-	1385	4	1,7	-	275	4	3,1	-	89				
		6	0,6	-	615	6	2,6	-	122	6	4,6	-	40				
		8	0,8	-	346	8	3,4	-	69	8	6,1	-	22				
PAR 30S*	75W	2	0,3	-	1910	2	0,9	-	498								
E27		4	0,6	-	478	4	1,8	-	124								
		6	0,8	-	212	6	2,8	-	55								
		8	1,1	-	119	8	3,7	-	31								
HIT-CE	35W - 70W									1	1,2	-	355				
G12										2	2,3	-	89				
										3	3,5	-	39				
										4	4,6	-	22				
HIR-111-CE*	70W	2	0,3	-	10845	2	0,8	-	2769	2	1,3	-	1548				
GX8,5		4	0,7	-	2711	4	1,6	-	692	4	2,6	-	387				
		6	1	-	1205	6	2,3	-	308	6	3,9	-	172				
		8	1,4	-	678	8	3,1	-	173	8	5,2	-	97				

* The values shown refer to actual Lux

** Elliptical optic is obtained by installing the respective accessories.
For photometric data, see catalog.iguzzini.com

Deep Frame





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

accessories

	code
Coloured filters colour 05 red - 06 yellow 09 sky blue - 65 nitric Not for use with HI-PAR 51 lamps. Maximum 35 W output for QR CBC 51.	**8658**
Antiglare screen colour 01 white - 04 black	**2998**

components

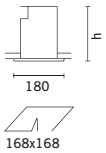
		code
Electronic safety transformer		
20-60 W	230/12 V Top	**5580**
50-105 W	230/12 V Top	**5582**
10-60 W	230/12 V St	**5581**
35-105 W	230/12 V St	**5583**
colour 00 indeterminate		
Electronic safety transformer		
50-200 W	230/12 V Top	**5586**
50-200 W	230/12 V St	**5587**
20-60 W	230/12 V St	**5584**
50-105 W	230/12 V St	**5585**
colour 00 indeterminate		

Colours

01
WHITE

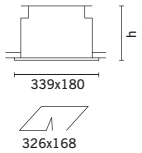
74
GREY/BLACK

Deep Frame



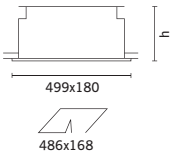
light source	W	Lm	height	optic	code
LED	**Passive dissipation**				
	Complete with DALI power supply				
	Neutral white				
	19 W	2000	120	46°	**MG39**
	Warm white				
	19 W	1900	120	14°	**MG40**
	19 W	1900	120	30°	**MG41**
	19 W	1900	120	46°	**MG42**
	Warm white - CRI>90				
	19 W	1600	120	14°	**MG43**
	19 W	1600	120	30°	**MG44**
	Active dissipation				
	Complete with DALI power supply				
	Neutral white				
	35 W	3100	195	46°	**MG75**
	Warm white				
	35 W	3000	195	14°	**MG76**
	35 W	3000	195	30°	**MG77**
	35 W	3000	195	46°	**MG78**
	Warm white - CRI>90				
	35 W	2500	195	14°	**MG79**
	35 W	2500	195	30°	**MG80**
	IP20 - Class of Insulation II				
QR 111 (G53)	75 W		122		**2955**
	Class of Insulation III				
PAR 30S (E27)	75 W		221		**2956**
HIT-CE (G12)	35/70 W		197	60°	**2957**
HIR-111-CE (GX8,5)	35/70 W		197		**2958**
	High-efficiency reflector				
HIT-TC-CE (G8,5)	20/35/70 W		197	12°	**M198**
	20/35/70 W		197	30°	**M199**
	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).



light source	W	Lm	height	optic	code
LED	**Passive dissipation**				
	Complete with DALI power supply				
	Neutral white				
	2x19 W	2000	120	46°	**MG45**
	Warm white				
	2x19 W	1900	120	14°	**MG46**
	2x19 W	1900	120	30°	**MG47**
	2x19 W	1900	120	46°	**MG48**
	Warm white - CRI>90				
	2x19 W	1600	120	14°	**MG49**
	2x19 W	1600	120	30°	**MG50**
	Active dissipation				
	Complete with DALI power supply				
	Neutral white				
	2x35 W	3100	195	46°	**MG81**
	Warm white				
	2x35 W	3000	195	14°	**MG82**
	2x35 W	3000	195	30°	**MG83**
	2x35 W	3000	195	46°	**MG84**
	Warm white - CRI>90				
	2x35 W	2500	195	14°	**MG85**
	2x35 W	2500	195	30°	**MG86**
	IP20 - Class of Insulation II				
QR 111 (G53)	2x75 W		122		**2959**
	Class of Insulation III				
PAR 30S (E27)	2x75 W		221		**2960**
HIT-CE (G12)	2x35/70 W		197	60°	**2961**
HIR-111-CE (GX8,5)	2x35/70 W		197		**2962**
	High-efficiency reflector				
HIT-TC-CE (G8,5)	2x20/35/70 W		197	12°	**M200**
	2x20/35/70 W		197	30°	**M201**
	We advise against the use of accessories so as to leave the LOR unchanged				

Deep Frame



light source	W	Lm	height	optic	code
LED	**Passive dissipation**				
	Complete with DALI power supply				
	Neutral white				
	3x19 W	2000	120	46°	**MG51**
	Warm white				
	3x19 W	1900	120	14°	**MG52**
	3x19 W	1900	120	30°	**MG53**
	3x19 W	1900	120	46°	**MG54**
	Warm white - CRI>90				
	3x19 W	1600	120	14°	**MG55**
	3x19 W	1600	120	30°	**MG56**
	Active dissipation				
	Complete with DALI power supply				
	Neutral white				
	3x35 W	3100	195	46°	**MG87**
	Warm white				
	3x35 W	3000	195	14°	**MG88**
	3x35 W	3000	195	30°	**MG89**
	3x35 W	3000	195	46°	**MG90**
	Warm white - CRI>90				
	3x35 W	2500	195	14°	**MG91**
	3x35 W	2500	195	30°	**MG92**
	IP20 - Class of Insulation II				
QR 111 (G53)	3x75 W		122		**2963**
	Class of Insulation III				
PAR 30S (E27)	3x75 W		221		**2964**
HIR-111-CE (GX8,5)	3x35/70 W		197		**M204**
HIT-CE (G12)	2x35/70 W +75 W (QR 111)		197	60°	**2965**
QR 111 (G53)	2x75 W +35/70 W (HIT-CE G12)		197	60°	**2966**
HIR-111-CE (GX8,5)	2x35/70 W +75 W (QR 111)		197		**2967**
	High-efficiency reflector				
HIT-TC-CE (G8,5)	3x20/35/70 W		197	12°	**M202**
	3x20/35/70 W		197	30°	**M203**
	We advise against the use of accessories so as to leave the LOR unchanged				

accessories

	code
Optical diffuser for LED	
medium	**MXG3**
flood	**MXG4**
elliptical	**MXG5**
colour 24 clear transparent	
Antiglare screen	**2999**
colour 01 white - 04 black	

components

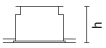
	code
Electronic control gear	
for 2x35 W HIT	**4437**
Weight kg. 0,365 - Dim. 175x79,5x32h	
colour 00 indeterminate	
Electronic control gear	
for 20 W HIT	**9698**
Weight kg. 0,320 - Dim. 225x60x37h	
for 35 W HIT	**4466**
Weight kg. 0,320 - Dim. 225x60x37h	
for 70 W HIT	**4467**
Weight kg. 0,350 - Dim. 185x90x37h	
colour 00 indeterminate	
Control gear complete with capacitor	
for 35 W HIT	**4468**
Weight kg. 1,450 - Dim. 257x92x70h	
for 70 W HIT	**4469**
Weight kg. 1,700 - Dim. 257x92x70h	
colour 00 indeterminate	
Control gear complete with capacitor and ignitor with controlled pulses	
for 35 W HIT	**4471**
Weight kg. 1,450 - Dim. 257x92x70h	
for 70 W HIT	**4472**
Weight kg. 1,700 - Dim. 257x92x70h	
colour 00 indeterminate	
Electronic safety transformer	
20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St	**5583**
colour 00 indeterminate	
Electronic safety transformer	
50-200 W 230/12 V Top	**5586**
50-200 W 230/12 V St	**5587**
20-60 W 230/12 V St	**5584**
50-105 W 230/12 V St	**5585**
colour 00 indeterminate	

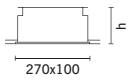
Colours

01
WHITE

74
GREY/BLACK

Deep Minimal





light source	W	Lm	height	optic	code
QR CBC 51 (GU5,3)	50 W 12 V		132		**2660**
	Class of Insulation III				
HI-PAR 51-CE (GX10)	Complete with electronic control gear				
	35 W		132		**2661**
HIT-CE (PGJ5)	Complete with electronic control gear				
	20 W		132	72°	**2662**
LED	Warm white Complete with power supply				
	5,9 W	330	132	26°	**2664**
QR CBC 51 (GU5,3)	2x50 W 12 V		132		**2665**
	Class of Insulation III				
HI-PAR 51-CE (GX10)	Complete with electronic control gear				
	2x35 W		132		**2666**
HIT-CE (PGJ5)	Complete with electronic control gear				
	2x20 W		132	72°	**2667**
LED	Warm white Complete with power supply				
	2x5,9 W	330		26°	**2669**
QR CBC 51 (GU5,3)	3x50 W 12 V		142		**2670**
	Class of Insulation III				
HI-PAR 51-CE (GX10)	Complete with electronic control gear				
	3x35 W		132		**M205**
HIT-CE (PGJ5)	Complete with electronic control gear				
	2x20 W (HIT-CE)		132	72°	**2672**
QR CBC 51 (GU5,3)	+50 W 12 V (QR CBC 51)				
LED	Warm white Complete with power supply				
	3x5,9 W	330	132	26°	**2674**

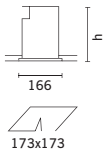
accessories

	code
Coloured filters colour 05 red - 06 yellow 09 sky blue - 65 nitric Not for use with HI-PAR 51 lamps. Maximum 35 W output for QR CBC 51.	**8658**
Antiglare screen colour 01 white - 04 black	**2998**
Installation system for false ceilings with cross-sections of 15 mm	
for version with 1 optical assembly	**2992**
for version with 2 optical assemblies	**2993**
for version with 3 optical assemblies	**2994**
colour 00 indeterminate	

components

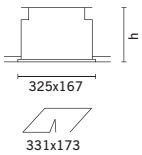
	code
Electronic safety transformer	
20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St	**5583**
colour 00 indeterminate	
Electronic safety transformer	
50-200 W 230/12 V Top	**5586**
50-200 W 230/12 V St	**5587**
20-60 W 230/12 V St	**5584**
50-105 W 230/12 V St	**5585**
colour 00 indeterminate	

Deep Minimal



light source	W	Lm	height	optic	code
LED	**Passive dissipation**				
	Complete with DALI power supply				
	Neutral white				
	19 W	2000	120	46°	**MG21**
	Warm white				
	19 W	1900	120	14°	**MG22**
	19 W	1900	120	30°	**MG23**
	19 W	1900	120	46°	**MG24**
	Warm white - CRI>90				
	19 W	1600	120	14°	**MG25**
	19 W	1600	120	30°	**MG26**
	Active dissipation				
	Complete with DALI power supply				
	Neutral white				
	35 W	3100	195	46°	**MG57**
	Warm white				
	35 W	3000	195	14°	**MG58**
	35 W	3000	195	30°	**MG59**
	35 W	3000	195	46°	**MG60**
	Warm white - CRI>90				
	35 W	2500	195	14°	**MG61**
	35 W	2500	195	30°	**MG62**
	IP20 - Class of Insulation II				
QR 111 (G53)	75 W		122		**2675**
	Class of Insulation III				
PAR 30S (E27)	75 W		221		**2676**
HIT-CE (G12)	35/70 W		197	60°	**2677**
HIR-111-CE (GX8,5)	35/70 W		197		**2678**
	High-efficiency reflector				
HIT-TC-CE (G8,5)	20/35/70 W		197	12°	**M206**
	20/35/70 W		197	30°	**M207**
	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).



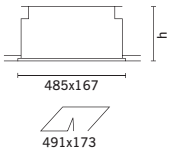
light source	W	Lm	height	optic	code
LED	**Passive dissipation**				
	Complete with DALI power supply				
	Neutral white				
	2x19 W	2000	120	46°	**MG27**
	Warm white				
	2x19 W	1900	120	14°	**MG28**
	2x19 W	1900	120	30°	**MG29**
	2x19 W	1900	120	46°	**MG30**
	Warm white - CRI>90				
	2x19 W	1600	120	14°	**MG31**
	2x19 W	1600	120	30°	**MG32**
	Active dissipation				
	Complete with DALI power supply				
	Neutral white				
	2x35 W	3100	195	46°	**MG63**
	Warm white				
	2x35 W	3000	195	14°	**MG64**
	2x35 W	3000	195	30°	**MG65**
	2x35 W	3000	195	46°	**MG66**
	Warm white - CRI>90				
	2x35 W	2500	195	14°	**MG67**
	2x35 W	2500	195	30°	**MG68**
	IP20 - Class of Insulation II				
QR 111 (G53)	2x75 W		122		**2679**
	Class of Insulation III				
PAR 30S (E27)	2x75 W		221		**2680**
HIT-CE (G12)	2x35/70 W		197	60°	**2681**
HIR-111-CE (GX8,5)	2x35/70 W		197		**2682**
	High-efficiency reflector				
HIT-TC-CE (G8,5)	2x20/35/70 W		197	12°	**M208**
	2x20/35/70 W		197	30°	**M209**
	We advise against the use of accessories so as to leave the LOR unchanged				

Colours

01
WHITE

04
BLACK

Deep Minimal



light source	W	Lm	height	optic	code
LED	**Passive dissipation**				
	Complete with DALI power supply				
	Neutral white				
	3x19 W	2000	120	46°	**MG33**
	Warm white				
	3x19 W	1900	120	14°	**MG34**
	3x19 W	1900	120	30°	**MG35**
	3x19 W	1900	120	46°	**MG36**
	Warm white - CRI>90				
	3x19 W	1600	120	14°	**MG37**
	3x19 W	1600	120	30°	**MG38**
	Active dissipation				
	Complete with DALI power supply				
	Neutral white				
	3x35 W	3100	195	46°	**MG69**
	Warm white				
	3x35 W	3000	195	14°	**MG70**
	3x35 W	3000	195	30°	**MG71**
	3x35 W	3000	195	46°	**MG72**
	Warm white - CRI>90				
	3x35 W	2500	195	14°	**MG73**
	3x35 W	2500	195	30°	**MG74**
	IP20 - Class of Insulation II				
QR 111 (G53)	3x75 W		122		**2683**
	Class of Insulation III				
PAR 30S (E27)	3x75 W		221		**2684**
HIR-111-CE (GX8,5)	3x35/70 W		197		**M212**
HIT-CE (G12)	2x35/70 W +75 W (QR 111)		197	60°	**2685**
QR 111 (G53)	2x75 W +35/70 W (HIT-CE G12)		197	60°	**2686**
HIR-111-CE (GX8,5)	2x35/70 W +75 W (QR 111)		197		**2687**
	High-efficiency reflector				
HIT-TC-CE (G8,5)	3x20/35/70 W		197	12°	**M210**
	3x20/35/70 W		197	30°	**M211**
	We advise against the use of accessories so as to leave the LOR unchanged				

accessories

	code
Optical diffuser for LED	
medium	**MXG3**
flood	**MXG4**
elliptical	**MXG5**
colour 24 clear transparent	
Antiglare screen	**2999**
colour 01 white - 04 black	
Installation system for false ceilings with cross-sections of 15 mm	
for version with 1 optical assembly	**2995**
for version with 2 optical assemblies	**2996**
for version with 3 optical assemblies	**2997**
colour 00 indeterminate	

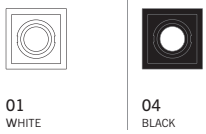
components

	code
Electronic control gear	
for 2x35 W HIT	**4437**
Weight kg. 0,365 - Dim. 175x79,5x32h	
colour 00 indeterminate	
Electronic control gear	
for 20W HIT	**9698**
Kg. 0,320 - Dim. 225x60x37h	
for 35 W HIT	**4466**
Weight kg. 0,320 - Dim. 225x60x37h	
for 70 W HIT	**4467**
Weight kg. 0,350 - Dim. 185x90x37h	
colour 00 indeterminate	
Control gear complete with capacitor	
for 35 W HIT	**4468**
Weight kg. 1,450 - Dim. 257x92x70h	
for 70 W HIT	**4469**
Weight kg. 1,700 - Dim. 257x92x70h	
colour 00 indeterminate	
Control gear complete with capacitor and ignitor with controlled pulses	
for 35 W HIT	**4471**
Weight kg. 1,450 - Dim. 257x92x70h	
for 70 W HIT	**4472**
Weight kg. 1,700 - Dim. 257x92x70h	
colour 00 indeterminate	
Electronic safety transformer	
20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St	**5583**
colour 00 indeterminate	
Electronic safety transformer	
50-200 W 230/12 V Top	**5586**
50-200 W 230/12 V St	**5587**
20-60 W 230/12 V St	**5584**
50-105 W 230/12 V St	**5585**
colour 00 indeterminate	

Faraone Jeweller's Shop - Milan, Italy

Architectural project: arch. Barbara De Lucca - Lighting project: arch. Massimo Iosa Ghini
Photo: Santi Caleca

Colours



01 WHITE

04 BLACK

Deep Surface

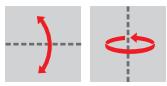
Winner - Foligno, Italy
Architectural project: Nopp Studio (Fabrizio Milesi and Carlo Antonelli) - Photo: Saluzzi

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.



Photometric values

S - Spot

M - Medium

F - Flood

			h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
Small body														
QR-CBC 51*	50W		2	0,3	-	2530	2	0,7	-	909	2	1,4	-	462
GU5,3			4	0,7	-	632	4	1,4	-	227	4	2,8	-	115
			6	1	-	281	6	2,1	-	101	6	4,1	-	51
			8	1,4	-	158	8	2,8	-	57	8	5,5	-	29
Large body														
QR 111*	75W		2	0,2	-	5538	2	0,9	-	1101	2	1,5	-	357
G53			4	0,4	-	1385	4	1,7	-	275	4	3,1	-	89
			6	0,6	-	615	6	2,6	-	122	6	4,6	-	40
			8	0,8	-	346	8	3,4	-	69	8	6,1	-	22
HIR-111-CE*	35W		2	0,3	-	7232	2	0,8	-	1604	2	1,3	-	975
GX8,5			4	0,6	-	1808	4	1,6	-	401	4	2,6	-	244
			6	0,8	-	804	6	2,3	-	178	6	3,9	-	108
			8	1,1	-	452	8	3,1	-	100	8	5,2	-	61

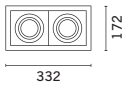
* The values shown refer to actual Lux

Deep Surface

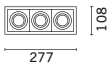
light source	W	height	code
QR CBC 51 (GU5,3)	Complete with electronic transformer 50 W 12 V	216	**5317**

light source	W	height	code
QR 111 (G53)	Complete with electronic transformer 75 W 12 V	181	**5320**
HIR-111-CE (GX8,5)	Complete with power supply 35 W	253	**5324**

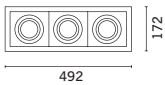
light source	W	height	code
QR CBC 51 (GU5,3)	Complete with electronic transformer 2x50 W 12 V	216	**5318**



light source	W	height	code
QR 111 (G53)	Complete with electronic transformer 2x75 W 12 V	181	**5321**
HIR-111-CE (GX8,5)	Complete with power supply 2x35 W	253	**5326**



light source	W	height	code
QR CBC 51 (GU5,3)	Complete with electronic transformer 3x50 W 12 V	216	**5319**



light source	W	height	code
QR 111 (G53)	Complete with electronic transformer 3x75 W 12 V	181	**5322**
HIR-111-CE (GX8,5)	Complete with electronic control gear 2x35 W +75 W 12 V (QR 111)	253	**5328**
QR 111 (G53)			
QR 111 (G53)	Complete with electronic control gear 2x75 W 12 V +35 W (HIR-111-CE)	253	**5329**
HIR-111-CE (GX8,5)			

accessories

	code
Coloured filters for 5317-5318-5319 colour 05 red - 06 yellow 09 sky blue - 65 nitric Maximum 35 W	**8658**

	code
Antiglare screen for 5317-5318-5319	**2998**
for 5320-5321-5322 5324-5326-5328-5329	**2999**
colour 01 white - 04 black	

Colours

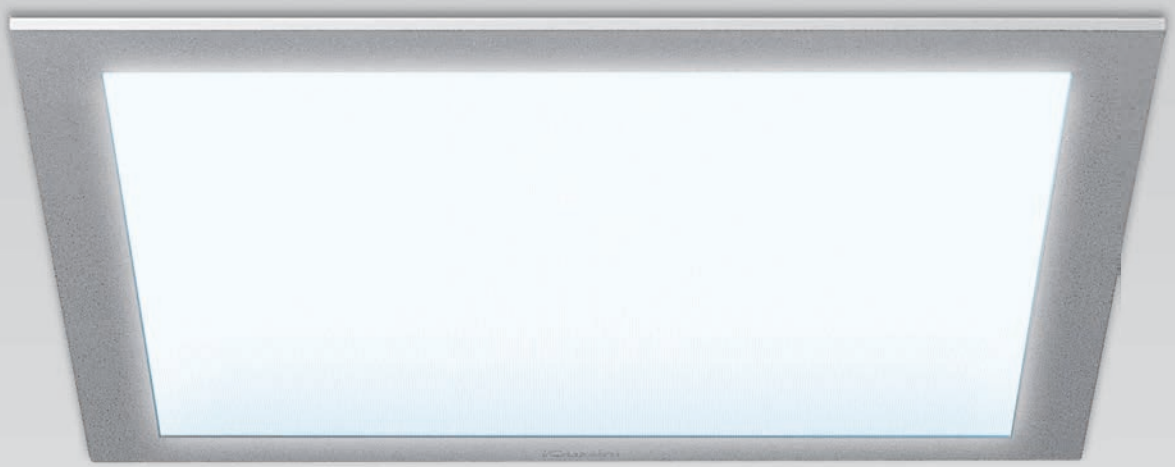
01
WHITE

74
GREY/BLACK

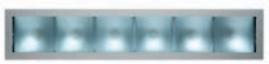
Light shed

design Piero Castiglioni

Intel Design Prize
iF Design Award



Recessed luminaires with 3 optical assemblies



Recessed luminaires with 6 optical assemblies

Recessed luminaires with 4 optical assemblies

Loro Piana Boutique - Milan, Italy

Lighting project: arch. Piero Castiglioni - Photo: Giuseppe Saluzzi

Light shed

Features

IP43

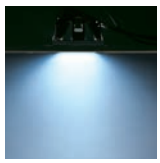
- Recessed installation in false ceilings with 12,5 to 15 mm.
- Painted sheet steel supporting structure and inner frame.
- Diffused lighting emission on the object with absolutely no shadows, guaranteed by a special prismatic glass that is mechanically secured to the metal sheet body and acts as closing element for the fitting.

Light distribution

Symmetric optic
Symmetrical light emission provides extremely uniform general lighting without noticeable shadows.

QT12 ES 50W
GY6,35

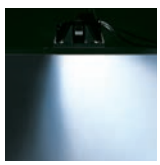
HIT-CE 20W
GU6,5



Imax 0°

Asymmetric optic
This optic, with 15° emission angle, must be fixed abutting walls, approx. 500 mm from product shelving, or other items to be lit.

QT12 ES 50W
GY6,35



Imax 18°

Lighting design values

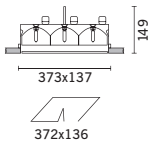
Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,0
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	General light (simmetrical)			
	h=3m		h=6m	
	N	W/m²	N	W/m²
QT12 3x50	50	120	60	144
QT12 4x50	45	144	54	172,8
QT12 6x50	40	192	54	259,2

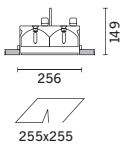
Light shed

accessories

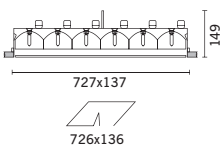
components



light source	W	optic	code
QT 12 ES (GY6,35)	3x50 W max 12 V	SM	**8851**
	3x50 W 12 V	A	**8854**
HIT-CE (GU6,5)	3x20 W	SM	**M348**



light source	W	optic	code
QT 12 ES (GY6,35)	4x50 W 12 V	SM	**8852**
HIT-CE (GU6,5)	4x20 W	SM	**M349**



light source	W	optic	code
QT 12 ES (GY6,35)	6x50 W max 12 V	SM	**8853**
	6x50 W max 12 V	A	**8871**

	code
Spill-ring for QT 12 colour 10 chrome	**4460**

	code
Electronic control gear	
for 20 W HIT	**MWM7**
colour 00 indeterminate	

	code
Electronic safety transformer	
20-60 W 230/12 V Top	**5580**
50-105 W 230/12 V Top	**5582**
10-60 W 230/12 V St	**5581**
35-105 W 230/12 V St	**5583**
colour 00 indeterminate	

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

Colours

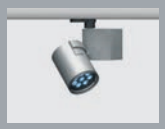
15
GREY

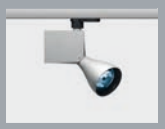
the Italian way

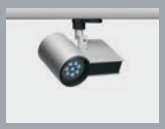
Spotlights and tracks

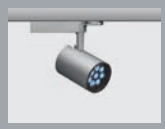
Spotlights

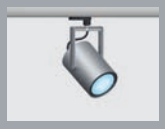
233 Palco
LED

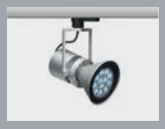

241 Sydecar
LED


249 Lux
LED


259 Express
LED


267 Tecnica
LED


275 Front Light
LED


281 Le Perroquet
LED

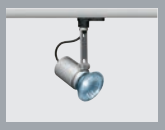
281 Le Perroquet
professional

297 Primopiano
LED

297 Primopiano
wall washer
LED

297 Primopiano
professional
LED

309 Parallel
LED


315 Lumen

321 Trimmer

325 Metro

331 Cestello
LED

341 Cerchio

341 Zoom

Tracks

345 iDuo

345 Standard track

345 Recessed
tracks

345 Mini Limelight

Modular systems

362 Bespoke
LED

371 Tilt
LED

The codes, technical and lighting design features of this luminaire are presented in the relevant section

567 i24

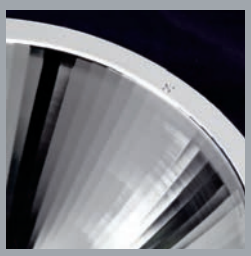
Expo Shanghai 2010, Italian Pavilion - Shanghai, China
Architectural project: arch. Giampaolo Imbrighi - Scenography light: Giancarlo Basili - Photo: HZCAD Shanghai

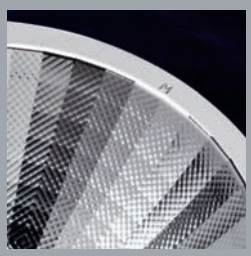
Spotlights and tracks

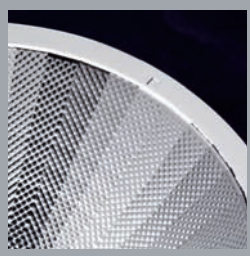
Optibeam - Patent Pending

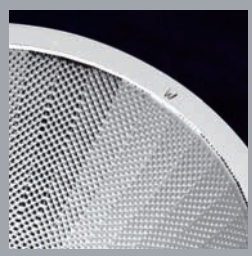
The lenticular surface of the reflectors was carefully designed to produce micro-reflections able to improve light distribution without reducing optical performance and therefore luminaire efficiency.
Interchangeable reflectors are available to change the light beam, including when spotlights are installed.

OPTI BEAM


Spot


Medium


Flood


Wide Flood

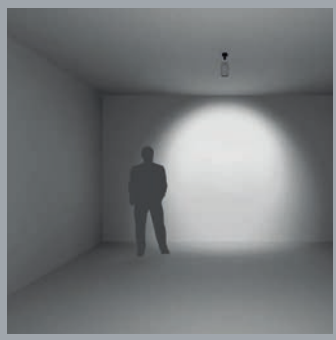
Tecnica · Lux · Front Light · Express · Sydecar

Optics

SS - Superspot
< α 8°

S - Spot
α 9° to 15°

M - Medium
α 16° to 25°


F - Flood
α 26° to 39°

WF - Wide Flood
α 40° to 60°

Spotlights and tracks

Wall-washer optic

This innovative wall washer optic was designed to allow uniform lighting of walls, avoiding shadowy areas close to the ceiling.

WW - Wall Washer

Optical accessories

Spot optic + Reflector
installed vertically,
horizontal effect

E - Elliptical

E - Elliptical

Spot optic + Reflector
installed horizontally,
vertical effect

Medium optic +
Wall Washer screen

WW - Wall Washer

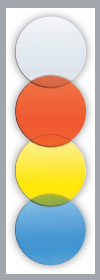
WW - Wall Washer

Flood optic +
Wall Washer screen

Spotlights and tracks

Filters

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



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

Spotlights and tracks

Filters

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

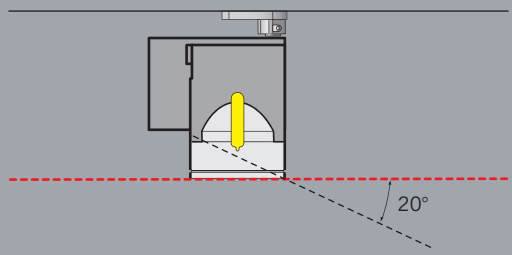
with filter

without filter

IR/UV filter
Many lamps give off not just visible light, but also infrared (IR) rays and ultraviolet (UV) radiation, with the former causing overheating and the latter discolouration of the objects lit. These filters reduce and control said radiations.

Visual comfort

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

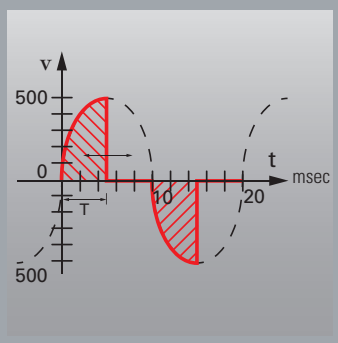


Spotlights and tracks

Lighting design features

Dimmer

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

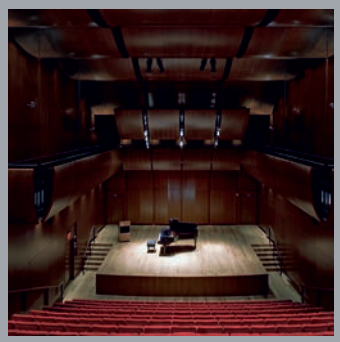


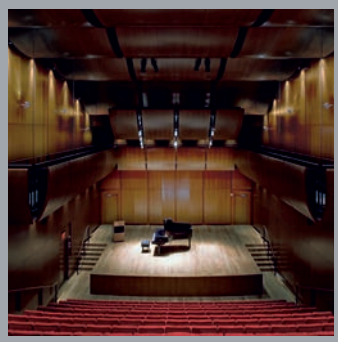
IGBT

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

DALI protocol

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





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).

Spotlights and tracks

Technical characteristics

Adjustability

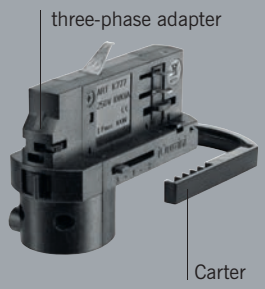
The spot/floodlights can rotate about the vertical axis and be angled relative to the horizontal plane. The degrees vary depending on the luminaire.

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.

Carter IP40

IP40 guard for “altering” the degree of protection of a spotlight, increasing the safety.



Adapter

Adapter + Box

Tracks

The electrified track is the base for each “variable” lighting design solution, suitable for all requirements. The iGuzzini range includes mains voltage tracks (even DALI version) and low voltage tracks.
The variety of connecting joints and installation possibilities (ceiling, suspended, recessed) mean that they can satisfy any design requirements.

Herren Globus, Zurich Airport - Zurich, Swiss

Architectural project: Bauabteilung Magazine zum Globus AG Michele D'Ambrosio Rico Schmid - Photo: Günter Laznia

Palco

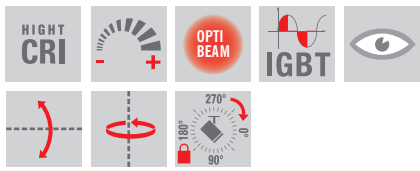
design Artec3 Studio

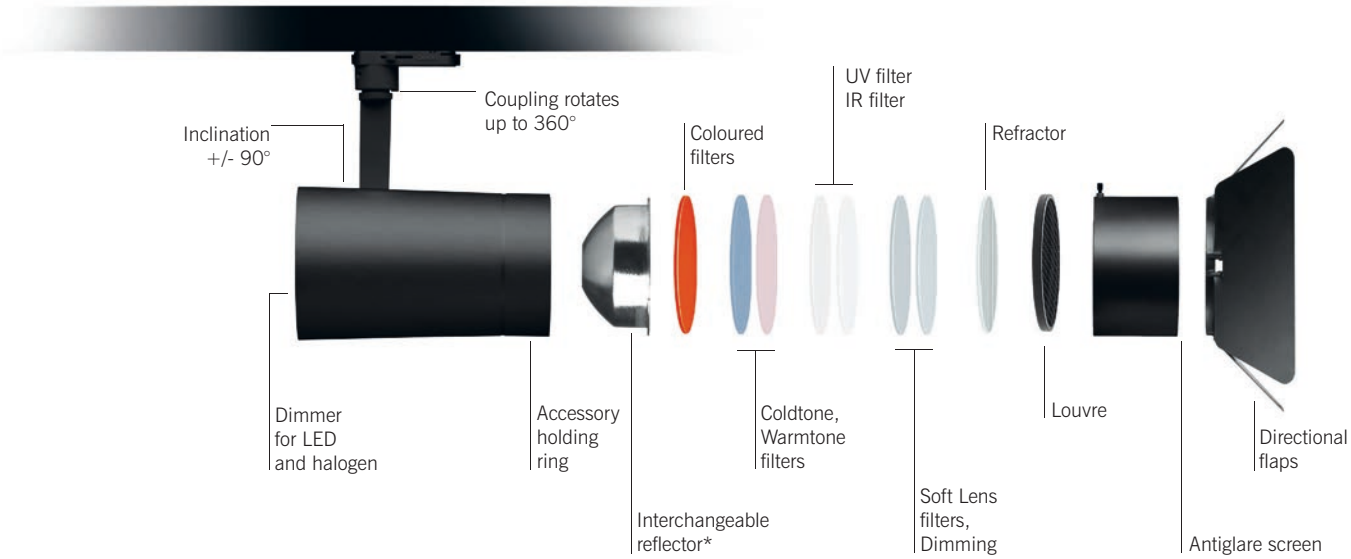
Palco

Features

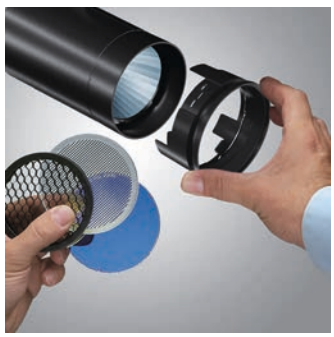
IP20

- Installation on three-phase track and on a ceiling-mounted base.
- Die-cast aluminium and thermoplastic material.
- Reflectors in superpure mirrored aluminium with special faceting that improves the distribution of the light beam (OPTIBEAM).
- Spotlight can contain up to three flat accessories contemporaneously and an external component either directional flaps or anti-glare screen.
- DALI versions on request.





* It allows for changing the light cone without replacing the luminaire.
Available with Spot, Medium, Flood and Wide Flood optics, for versions with discharge lamp, for low voltage halogen lamps and for LED lamps.



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

External accessories installation without tools

External accessories with rotation up to 360°

Palco

Photometric values

S - Spot

M - Medium

F - Flood

WF - Wide-Flood

LL -Light Sliver**

		S - Spot				M - Medium				F - Flood				WF - Wide-Flood				LL -Light Sliver**			
		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	19W					2	0,6	-	1290	2	1,4	-	395								
						4	1,1	-	323	4	2,8	-	99								
						6	1,7	-	143	6	4,1	-	44								
						8	2,2	-	81	8	5,5	-	25								
LED	21W - 39W	2	0,3	-	2977	2	0,6	-	1240					1	0,9	-	1076				
		4	0,7	-	744	4	1,1	-	310					2	1,9	-	269				
		6	1	-	331	6	1,7	-	138					3	2,8	-	120				
		8	1,4	-	186	8	2,2	-	78					4	3,7	-	67				
LED	55W	2	0,5	-	1401					2	1,1	-	596	1	0,9	-	1210				
		4	1	-	350					4	2,1	-	149	2	1,8	-	303				
		6	1,5	-	156					6	3,2	-	66	3	2,7	-	134				
		8	2	-	88					8	4,3	-	37	4	3,6	-	76				
HIT-CE	20W - 35W	2	0,5	-	1277					2	0,9	-	522								
GU6,5		4	1	-	319					4	1,8	-	130								
		6	1,5	-	142					6	2,8	-	58								
		8	2	-	80					8	3,7	-	33								
HIT-CE	70W	2	0,3	-	2760					2	1	-	436	1	0,8	-	771	2	2,1	0,6	323
G12		4	0,6	-	690					4	2	-	109	2	1,7	-	193	4	4,2	1,1	81
		6	0,8	-	307					6	3	-	48	3	2,5	-	86	6	6,2	1,7	36
		8	1,1	-	173					8	4	-	27	4	3,4	-	48	8	8,3	2,2	20
QT 12	100W	2	0,5	-	1689	2	0,9	-	680	1	0,8	-	1113								
GY6,35		4	1	-	422	4	1,7	-	170	2	1,5	-	278								
		6	1,5	-	188	6	2,6	-	76	3	2,3	-	124								
		8	2	-	106	8	3,4	-	43	4	3,1	-	70								
HIR-111-CE*	70W	2	0,3	-	9544	2	0,8	-	2839	2	1,3	-	1694								
GX8,5		4	0,7	-	2386	4	1,6	-	710	4	2,6	-	423								
		6	1	-	1060	6	2,3	-	315	6	3,9	-	188								
		8	1,4	-	596	8	3,1	-	177	8	5,2	-	106								

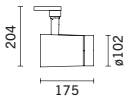
* The values shown refer to actual Lux

** The Blade of Light optic is obtained by installing the refractor for elliptical light distribution. For photometric data, see catalog.iguzzini.com

CRI Color Rendering Index

Palco has a colour rendering index of CRI>95 which means that the spectrum of light emitted can optimise the visual perception of colours. This is an essential requirement for lighting works of art. Versions with CRI>80/90 are available.

Palco



light source	W	Lm	optic	code
LED	Neutral white dimmable - CRI 80			
	19 W	1200	16°	**MJ67**
	19 W	1200	38°	**MJ68**
	Warm white dimmable- CRI 90			
	19 W	1100	16°	**MJ71**
	19 W	1100	38°	**MJ72**
HIT-CE (GU6,5)	Electronic			
	20 W		6°	**MJ74**
	20 W		14°	**MJ75**
	20 W		32°	**MJ76**
	20 W		54°	**MJ77**

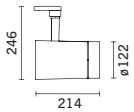
See your instruction manual for the exact number of accessories that may be installed

accessories

	code
Refractor for elleptical distribution	
narrow	**MXB4**
medium	**MXB7**
wide	**MXC0**
colour 24 clear transparent	
Coloured filters	**MXC3**
for HIT-CE colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	
IR filter	**MXC6**
for HIT-CE colour 24 clear transparent	
UV filter	**MXC9**
for HIT-CE colour 24 clear transparent	
Warmtone filter	**MXD2**
for HIT-CE colour 24 clear transparent	
Coldtone filter	**MXD5**
for HIT-CE colour 24 clear transparent	
“Soft Lens” filter	**MXD8**
colour 24 clear transparent	
Dimming filter	
20%	**MXE1**
33%	**MXE4**
50%	**MXE7**
for HIT-CE colour 24 clear transparent	

	code
Louvre	**MXF0**
colour 04 black	
Antiglare screen	**MXF3**
colour 04 black - 47 white/black	
Directional flaps	**MXF6**
colour 04 black	
Interchangeable reflectors for LED	
medium	**MX83**
flood	**MX84**
colour 12 alluminium	
Interchangeable reflectors for HIT-CE lamps	
spot	**MX86**
medium	**MX87**
flood	**MX88**
wide flood	**MX89**
colour 12 alluminium	
Ceiling base	**8773**
colour 01 white - 04 black	
Recessed base	**8902**
colour 01 white - 04 black Hole for installation 108 mm	
Cover for adapter IP40	**6854**
colour 01 white - 04 black	

Palco



light source	W	Lm	optic	code
LED	Neutral white dimmable - CRI 80			
	21 W	2000	10°	**MJ78**
	21 W	2000	16°	**MJ79**
	21 W	2000	42°	**MJ80**
	21 W	2000	50°	**MJ81**
	Warm white dimmable - CRI 80			
	21 W	2000	10°	**MJ82**
	21 W	2000	16°	**MJ83**
	21 W	2000	42°	**MJ84**
	21 W	2000	50°	**MJ85**
	Warm white dimmable - CRI 90			
	21 W	1700	10°	**MJ86**
	21 W	1700	16°	**MJ87**
	21 W	1700	42°	**MJ88**
	21 W	1700	50°	**MJ89**
	Neutral white dimmable - CRI 80			
	39 W	3000	10°	**MJ90**
	39 W	3000	16°	**MJ91**
	39 W	3000	42°	**MJ92**
	39 W	3000	50°	**MJ93**
	Warm white dimmable - CRI 80			
	39 W	3000	10°	**MJ94**
	39 W	3000	16°	**MJ95**
	39 W	3000	42°	**MJ96**
	39 W	3000	50°	**MJ97**
	Warm white dimmable - CRI 90			
	39 W	2500	10°	**MJ98**
	39 W	2500	16°	**MJ99**
	39 W	2500	42°	**MK00**
	39 W	2500	50°	**MK01**
	Warm white - CRI>95			
	22 W	1300	10°	**MK02**
	22 W	1300	16°	**MK03**
	22 W	1300	42°	**MK04**
HIT-CE (GU6,5)	Electronic			
	35 W		8°	**MK05**
	35 W		14°	**MK06**
	35 W		26°	**MK07**
	35 W		42°	**MK08**
	50 W		8°	**MK09**
	50 W		14°	**MK10**
	50 W		26°	**MK11**
	50 W		42°	**MK12**
QT 12 ES (GY6,35)	Dimmable electronic			
	100 W max 12 V		6°	**MK13**
	100 W max 12 V		14°	**MK14**
	100 W max 12 V		24°	**MK15**
	100 W max 12 V		42°	**MK16**

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

accessories

	code
Refractor for elleptical distribution	
narrow	**MXB5**
medium	**MXB8**
wide	**MXC1**
colour 24 clear transparent	
Coloured filters	**MXC4**
no for LED colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	
IR filter	**MXC7**
no for LED colour 24 clear transparent	
UV filter	**MXD0**
no for LED colour 24 clear transparent	
Warmtone filter	**MXD3**
no for LED colour 24 clear transparent	
Coldtone filter	**MXD6**
no for LED colour 24 clear transparent	
"Soft Lens" filter	**MXD9**
colour 24 clear transparent	
Dimming filter	
20%	**MXE2**
33%	**MXE5**
50%	**MXE8**
for HIT-CE colour 24 clear transparent	
Louvre	**MXF1**
colour 04 black	
Antiglare screen	**MXF4**
colour 04 black - 47 white/black	

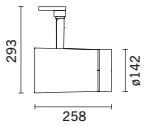
	code
Directional flaps	**MXF7**
colour 04 black	
Interchangeable reflectors for LED	
spot	**MX90**
medium	**MX91**
flood	**MX92**
wide flood	**MX93**
colour 12 alluminium	
Interchangeable reflectors for LED - CRI>95	
spot	**MX94**
medium	**MX95**
flood	**MX96**
colour 12 alluminium	
Interchangeable reflectors for HIT-CE lamps	
spot	**MX97**
medium	**MX98**
flood	**MX99**
wide flood	**MXA0**
colour 12 alluminium	
Interchangeable reflectors for QT 12 ES lamps	
spot	**MXA1**
medium	**MXA2**
flood	**MXA3**
wide flood	**MXA4**
colour 12 alluminium	
Ceiling base	**8773**
colour 01 white - 04 black	
Recessed base	**8902**
colour 01 white - 04 black Hole for installation 108 mm	
Cover for adapter IP40	**6854**
colour 01 white - 04 black	

Colours

01
WHITE

04
BLACK

Palco



light source	W	Lm	optic	code
LED	Neutral white dimmable - CRI 80			
	55 W	5000	14°	**MK18**
	55 W	5000	30°	**MK19**
	55 W	5000	48°	**MK20**
	Warm white dimmable - CRI 80			
	55 W	5000	14°	**MK22**
	55 W	5000	30°	**MK23**
	55 W	5000	48°	**MK24**
	Warm white dimmable - CRI 90			
	55 W	4200	14°	**MK26**
	55 W	4200	30°	**MK27**
	55 W	4200	48°	**MK28**
HIT-CE (G12)	Electronic			
	70 W		8°	**MK29**
	70 W		14°	**MK30**
	70 W		28°	**MK31**
	70 W		46°	**MK32**
	100 W		8°	**MK33**
	100 W		16°	**MK34**
	100 W		28°	**MK35**
	100 W		46°	**ML52**
HIR-111-CE (GX8,5)	Electronic			
	70 W			**ML53**

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

accessories

	code
Refractor for elleptical distribution	
narrow	**MXB6**
medium	**MXB9**
wide	**MXC2**
colour 24 clear transparent	
Coloured filters	**MXC5**
for HIT-CE 70 W colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	
IR filter	**MXC8**
for HIT-CE 70 W colour 24 clear transparent	
UV filter	**MXD1**
for HIT-CE 70 W colour 24 clear transparent	
Warmtone filter	**MXD4**
for HIT-CE 70 W colour 24 clear transparent	
Coldtone filter	**MXD7**
for HIT-CE 70 W colour 24 clear transparent	
"Soft Lens" filter	**MXE0**
colour 24 clear transparent	
Dimming filter	
20%	**MXE3**
33%	**MXE6**
50%	**MXE9**
for HIT-CE 70 W colour 24 clear transparent	

	code
Louvre	**MXF2**
colour 04 black	
Antiglare screen	**MXF5**
colour 04 black - 47 white/black	
Directional flaps	**MXF8**
colour 04 black	
Interchangeable reflectors for LED	
medium	**MXA6**
flood	**MXA7**
wide flood	**MXA8**
colour 12 alluminium	
Interchangeable reflectors for HIT-CE lamps	
spot	**MXB0**
medium	**MXB1**
flood	**MXB2**
wide flood	**MXB3**
colour 12 alluminium	
Cover for adapter IP40	**6854**
colour 01 white - 04 black	

Fondazione Capucci - Florence, Italy
Architectural design and set-up: arch. Michele De Lucchi - Photo: Giuseppe Saluzzi

Colours

01
WHITE

04
BLACK

Sydecar

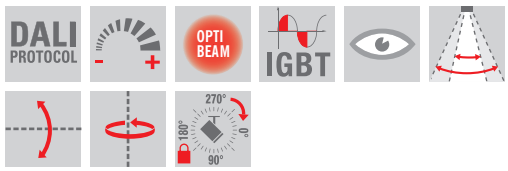
design Bruno Gecchelin

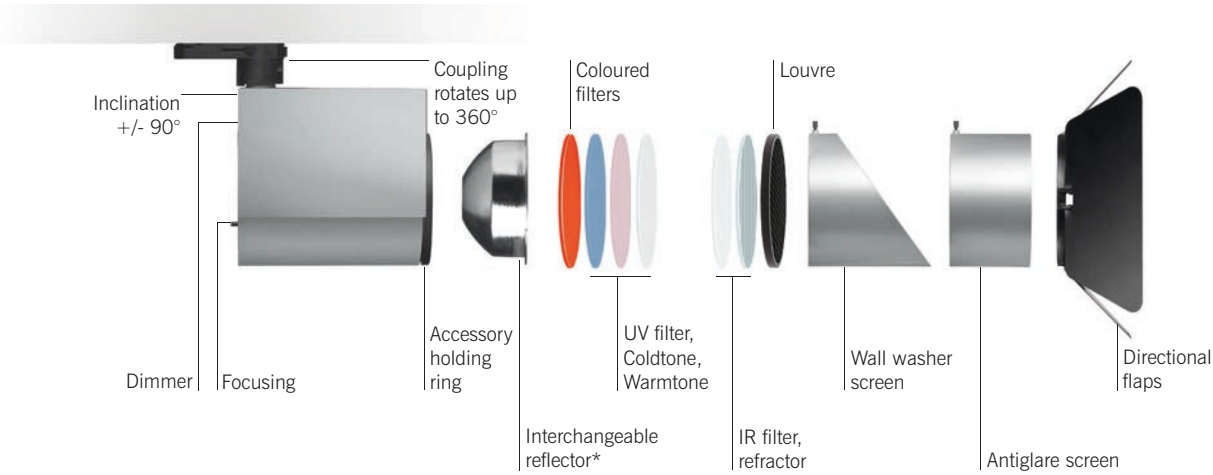
Sydecar

Features

IP20 (IP40 with optional glass)

- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Die-cast aluminium and thermoplastic material.
- Reflectors made of ultrapure mirrored aluminium
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.





* It allows for changing the light cone without replacing the luminaire.

Available with Spot, Medium, Flood and Wide Flood optics, for versions with discharge lamp, for low voltage halogen lamps (only spot and flood).

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

Accessory installation without tools

All external accessories rotate through 360°

Sydecar

Photometric values

S - Spot

M - Medium

F - Flood

WF - Wide-Flood

E - Elliptical**

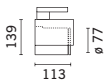
WW - Wall Washer**

		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	9,2W	2	0,4	-	1722	2	0,8	-	716																
		4	0,8	-	430	4	1,6	-	179																
		6	1,3	-	191	6	2,3	-	80																
		8	1,7	-	108	8	3,1	-	45																
QR-CBC 51*	50W	2	0,3	-	2530	2	0,7	-	909	2	1,4	-	462	1	1,1	-	792	2	1,5	0,5	450				
GU5,3		4	0,7	-	632	4	1,4	-	227	4	2,8	-	115	2	2,2	-	198	4	2,9	1	112				
		6	1	-	281	6	2,1	-	101	6	4,1	-	51	3	3,3	-	88	6	4,4	1,5	50				
		8	1,4	-	158	8	2,8	-	57	8	5,5	-	29	4	4,4	-	49	8	5,8	2	28				
QR 111*	100W	2	0,2	-	9050	2	0,8	-	1691	2	1,7	-	573					2	1,5	0,3	462				
G53		4	0,4	-	2263	4	1,6	-	423	4	3,4	-	143					4	3,1	0,6	115				
		6	0,6	-	1006	6	2,3	-	188	6	5,1	-	64					6	4,6	0,9	51				
		8	0,8	-	566	8	3,1	-	106	8	6,8	-	36					8	6,1	1,3	29				
QT 12	75W - 100W	2	0,6	-	2276					1	0,9	-	908					2	1	0,3	548				
GY6,35		4	1,1	-	569					2	1,9	-	227					4	2	0,7	137				
		6	1,7	-	253					3	2,8	-	101					6	3	1	61				
		8	2,2	-	142					4	3,7	-	57					8	4	1,4	34				
HIR-111-CE*	70W	2	0,3	-	10845	2	0,8	-	2769	2	1,3	-	1548												
GX8,5		4	0,7	-	2711	4	1,6	-	692	4	2,6	-	387												
		6	1	-	1205	6	2,3	-	308	6	3,9	-	172												
		8	1,4	-	678	8	3,1	-	173	8	5,2	-	97												
HIT-CE	20W - 35W	2	0,3	-	1755					1	0,6	-	876	1	1,2	-	324	2	1,2	0,6	384	1	0,8	-	362
PGJ5		4	0,7	-	439					2	1,3	-	219	2	2,5	-	81	4	2,4	1,3	96	2	1,7	-	90
		6	1	-	195					3	1,9	-	97	3	3,7	-	36	6	3,7	1,9	43	3	2,5	-	40
		8	1,4	-	110					4	2,6	-	55	4	5	-	20	8	4,9	2,5	24	4	3,4	-	23
HIT-TC-CE	35W - 70W	2	0,3	-	2071	2	0,7	-	554	1	0,9	-	525					2	1,2	0,5	372	1	0,7	-	632
G8,5		4	0,6	-	518	4	1,4	-	138	2	1,8	-	131					4	2,4	1,1	93	2	1,5	-	158
		6	0,8	-	230	6	2,1	-	62	3	2,7	-	58					6	3,6	1,6	41	3	2,2	-	70
		8	1,1	-	129	8	2,8	-	35	4	3,6	-	33					8	4,7	2,1	23	4	2,9	-	39
HIT-CE	70W - 100W - 150W	2	0,3	-	2342	2	0,6	-	925	1	0,9	-	578	1	1,1	-	462	1	0,6	0,3	1201	1	0,8	0,8	657
G12		4	0,7	-	586	4	1,1	-	231	2	1,8	-	145	2	2,2	-	115	2	1,3	0,6	300	2	1,6	1,7	164
		6	1	-	260	6	1,7	-	103	3	2,7	-	64	3	3,3	-	51	3	1,9	0,8	133	3	2,4	2,5	73
		8	1,4	-	146	8	2,2	-	58	4	3,6	-	36	4	4,4	-	29	4	2,6	1,1	75	4	3,2	3,4	41

* The values shown refer to actual Lux

** Elliptical and Wall Washer optics are obtained by installing the respective accessories. For photometric data, see catalog.iguzzini.com

Sydecar



light source	W	optic	code
QR CBC 51 (GU5,3)	Dimmable electronic		
	50 W 12 V		**6475**
QT 12 ES (GY6,35)	Dimmable electronic		
	50 W max 12 V	8°	**6476**
	50 W max 12 V	16°	**6477**
HIT-CE (PGJ5)	Electronic		
	35 W	10°	**6480**
	35 W	34°	**6481**

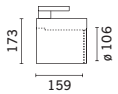
See your instruction manual for the exact number of accessories that may be installed

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**9538**
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**9536**
IR filter colour 24 clear transparent	**9541**
UV filter colour 24 clear transparent	**9516**
Warmtone filter colour 24 clear transparent	**2944**
Coldtone filter colour 24 clear transparent	**2947**
"Soft Lens" filter colour 24 clear transparent	**MWA3**
Louvre colour 04 black	**6828**

	code
Wall washer screen complete with diffusing filter for 6477-6481 colour 43 black/black 47 white/black - 74 grey/black	**MW80**
Antiglare screen colour 04 black - 47 white/black 74 grey/black	**6861**
Directional flaps colour 04 black	**6831**
Interchangeable reflectors for HIT-CE lamps	
spot	**MWZ6**
medium	**MWZ7**
flood	**MWZ8**
wide flood	**MWZ9**
colour 12 alluminium	
Interchangeable reflectors for QT 12 ES lamps	
spot	**6840**
flood	**6841**
colour 12 alluminium	
Ceiling base colour 01 white - 04 black	**8773**
Recessed base colour 01 white - 04 black Hole for installation 108 mm	**8902**
Cover for adapter IP40 colour 01 white - 04 black	**6854**

Sydecar



light source	W	Lm	optic	code
LED	Neutral white			
	9,2 W	680	12°	6489
	9,2 W	680	22°	6490
	Warm white			
	9,2 W	590	12°	6491
	9,2 W	590	20°	6492
	Neutral white DALI			
	9,2 W	680	12°	M286
	9,2 W	680	22°	M288
	Warm white DALI			
	9,2 W	590	12°	M287
	9,2 W	590	20°	M289
QT 12 ES (GY6,35)	Dimmable electronic			
	100 W	max 12 V	10°	6482
	100 W	max 12 V	38°	6483
	DALI			
	100 W	max 12 V	10°	M290
	100 W	max 12 V	38°	M291
HIT-TC-CE (G8,5)	Electronic			
	35 W		8°	6485
	35 W		16°	MD17
	35 W		30°	6486
	35 W		48°	MD18
	50 W		8°	MH61
	50 W		16°	MH62
	50 W		30°	MH63
	50 W		48°	MH64
	70 W		10°	6487
	70 W		16°	MD19
	70 W		30°	6488
	70 W		48°	MD20

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.

accessories

Refractor for elleptical distribution **2931**
colour 24 clear transparent

Coloured filters **2935**
no for LED
colour 05 red - 06 yellow
09 sky blue - 24 clear transparent

IR filter **2933**
no for LED
colour 24 clear transparent

UV filter **9517**
no for LED
colour 24 clear transparent

Warmtone filter **2945**
no for LED
colour 24 clear transparent

Coldtone filter **2948**
no for LED
colour 24 clear transparent

"Soft Lens" filter **MWA4**
no for LED
colour 24 clear transparent

Louvre **6829**
no for LED
colour 04 black

Wall washer screen with diffusing filter **MW81**
for 6483-6486-6488-M291
MD18-MD20-MH63-MH64
colour 43 black/black
47 white/black - 74 grey/black

Antiglare screen **6862**
colour 04 black - 47 white/black
74 grey/black

Directional flaps **6832**
colour 04 black

Interchangeable reflectors for HIT-TC-CE lamps
spot **MX00**
medium **MX01**
flood **MX02**
wide flood **MX03**
colour 12 alluminium

Interchangeable reflectors for QT 12 lamps
spot **6844**
flood **6845**
colour 12 alluminium

Ceiling base **8773**
Ceiling base DALI **MW30**
colour 01 white - 04 black

Recessed base **8902**
Recessed base DALI **MW31**
colour 01 white - 04 black
Hole for installation 108 mm

Cover for adapter IP40 **6854**
colour 01 white - 04 black

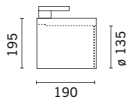
Colours

01
WHITE

04
BLACK

74
GREY/BLACK

Sydecar



light source	W	optic	code
QR 111 (G53)	Dimmable electronic		
	75/100 W 12 V		**6493**
	DALI electronic transformer		
	75/100 W 12 V		**M292**
HIR-111-CE (GX8,5)	Complete with electronic control gear		
	70 W		**6494**
HIT-CE (G12)	Complete with electronic control gear		
	70 W	10°	**6495**
	70 W	16°	**MD21**
	70 W	26°	**6496**
	70 W	46°	**MD22**
	100 W	10°	**MH65**
	100 W	16°	**MH66**
	100 W	30°	**MH67**
	100 W	46°	**MH68**
	150 W	12°	**6497**
	150 W	18°	**MD23**
	150 W	30°	**6498**
	150 W	46°	**MD24**

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.

accessories

	code
Refractor for elleptical distribution	
for QR 111	**2932**
for 6495-6496-6497 6498-MD21-MD23 MH65-MH66-MH67	**1192**
colour 24 clear transparent	
Coloured filters	
for QR 111	**2943**
for 6495-6496-6497 6498-MD21-MD23 MH65-MH66-MH67	**9537**
colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	
IR filter	**2934**
colour 24 clear transparent	
UV filter	
for QR 111	**9518**
for 6495-6496-6497 6498-MD21-MD23 MH65-MH66-MH67	**4498**
colour 24 clear transparent	
Warmtone filter	**2946**
colour 24 clear transparent	
Coldtone filter	**2949**
colour 24 clear transparent	
"Soft Lens" filter	**MWA5**
colour 24 clear transparent	
Louvre	**6830**
colour 04 black	

	code
Wall washer screen with diffusing filter	**MW82**
for 6496-6498-MD22-MD24 MH67-MH68 colour 43 black/black 47 white/black - 74 grey/black	
Antiglare screen	**6863**
colour 04 black - 47 white/black 74 grey/black	
Directional flaps	**6833**
colour 04 black	
Interchangeable reflectors for HIT-CE 70/100 W lamps	
superspot	**MX04**
spot	**MX05**
medium	**MX06**
flood	**MX07**
wide flood	**MX08**
colour 12 alluminium - 14 brass	
Interchangeable reflectors for HIT-CE 150 W lamps	
superspot	**MX39**
spot	**MX40**
medium	**MX41**
flood	**MX42**
wide flood	**MX43**
colour 12 alluminium - 14 brass	
Ceiling base	**8773**
Ceiling base DALI	**MW30**
colour 01 white - 04 black	
Recessed base	**8902**
Recessed base DALI	**MW31**
colour 01 white - 04 black Hole for installation 108 mm	
Cover for adapter IP40	**6854**
colour 01 white - 04 black	

New lighting for The Rondanini Pietà, Castello Sforzesco - Milan, Italy
Photo: Paolo Carlini

Colours

01	04	74
WHITE	BLACK	GREY/BLACK

Lux

design Gerhard Reichert

iF Design Award
Good Design Award

Version with transformer

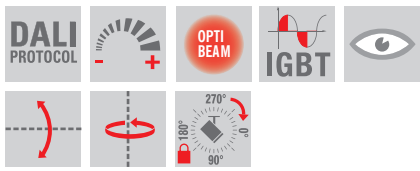
Version with rod

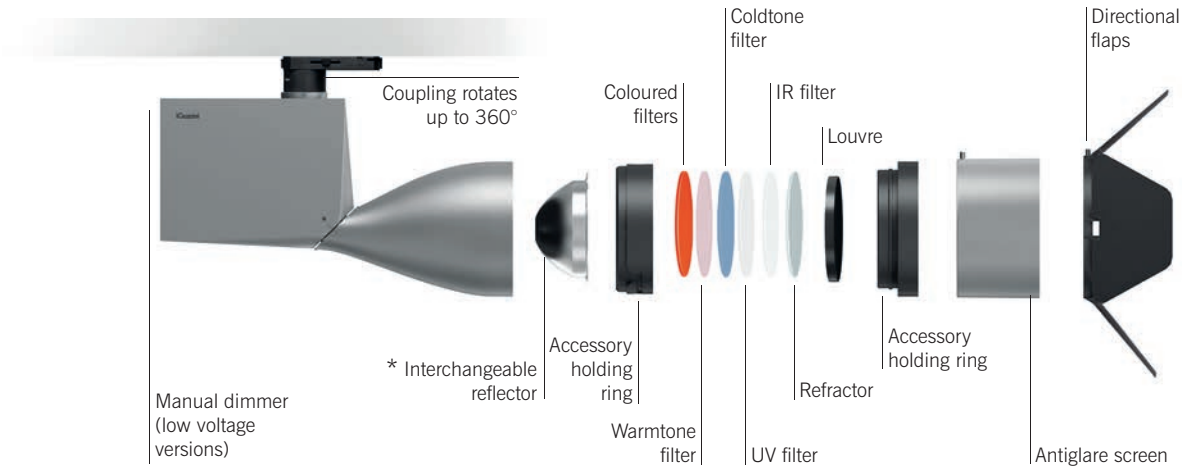
Lux

Features

IP20 (IP40 with optional glass)

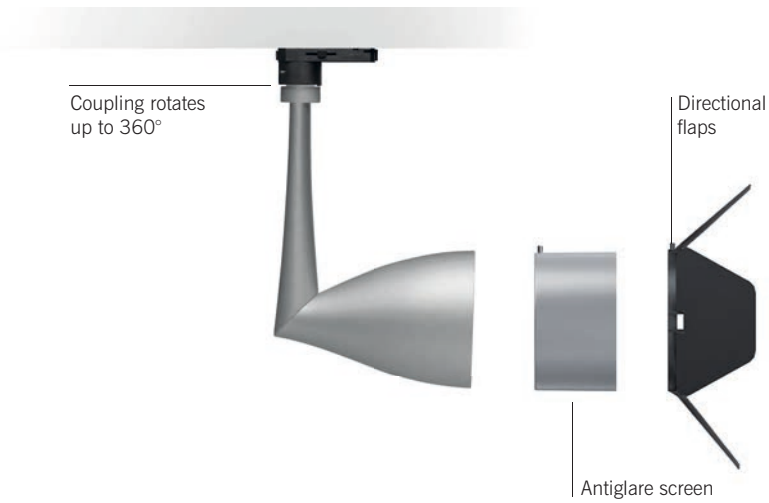
- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Die-cast aluminium and thermoplastic material.
- Reflectors made of ultrapure mirrored aluminium
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.





* It allows for changing the light cone without replacing the luminaire.

Available with Spot, Medium, Flood and Wide Flood optics, for versions with discharge lamp, for low voltage halogen lamps (only spot and flood).



Lux

Versions

The spotlight is available with a long rod and short rod or with an integrated component-holder box.

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

External accessories with rotation up to 360°

Lux

Photometric values

S - Spot

M - Medium

F - Flood

WF - Wide-Flood

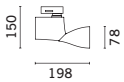
E - Elliptical**

		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	3,5W					2	0,9	-	594												
						4	1,7	-	149												
						6	2,6	-	66												
						8	3,4	-	37												
QR-CBC 51*	50W	2	0,3	-	2530	2	0,7	-	909	2	1,4	-	462	1	1,1	-	792				
GU5,3		4	0,7	-	632	4	1,4	-	227	4	2,8	-	115	2	2,2	-	198				
		6	1	-	281	6	2,1	-	101	6	4,1	-	51	3	3,3	-	88				
		8	1,4	-	158	8	2,8	-	57	8	5,5	-	29	4	4,4	-	49				
QR 111*	100W	2	0,2	-	9050	2	0,8	-	1691	2	1,7	-	573					2	1,5	0,3	462
G53		4	0,4	-	2263	4	1,6	-	423	4	3,4	-	143					4	3,1	0,6	115
		6	0,6	-	1006	6	2,3	-	188	6	5,1	-	64					6	4,6	0,9	51
		8	0,8	-	566	8	3,1	-	106	8	6,8	-	36					8	6,1	1,3	29
QT 12	50W - 100W	2	0,3	-	2247	2	0,9	-	484	1	1,2	-	646								
GY6,35		4	0,6	-	562	4	1,8	-	121	2	2,3	-	162								
		6	0,8	-	250	6	2,8	-	54	3	3,5	-	72								
		8	1,1	-	140	8	3,7	-	30	4	4,6	-	40								
HIR-111-CE*	70W	2	0,3	-	10845	2	0,8	-	2769	2	1,3	-	1548								
GX8,5		4	0,7	-	2711	4	1,6	-	692	4	2,6	-	387								
		6	1	-	1205	6	2,3	-	308	6	3,9	-	172								
		8	1,4	-	678	8	3,1	-	173	8	5,2	-	97								
PAR 20*	50W	2	0,3	-	484	1	0,5	-	1057												
E27		4	0,7	-	121	2	1,1	-	264												
		6	1	-	54	3	1,6	-	117												
		8	1,4	-	30	4	2,1	-	66												
HIT-TC-CE	35W - 50W - 70W	2	0,3	-	2081	2	0,6	-	982	2	1,1	-	323	1	1	-	525				
G8,5		4	0,6	-	520	4	1,1	-	245	4	2,3	-	81	2	2	-	131				
		6	0,8	-	231	6	1,7	-	109	6	3,4	-	36	3	2,9	-	58				
		8	1,1	-	130	8	2,2	-	61	8	4,6	-	20	4	3,9	-	33				
HIT-CE	70W - 100W - 150W	2	0,3	-	2457	2	1	-	436	1	0,7	-	809					1	0,9	0,8	573
G12		4	0,6	-	614	4	2	-	109	2	1,5	-	202					2	1,7	1,6	143
		6	0,8	-	273	6	3	-	48	3	2,2	-	90					3	2,6	2,4	64
		8	1,1	-	154	8	4	-	27	4	2,9	-	51					4	3,5	3,2	36
HST	100W	2	0,3	-	1509	2	0,9	-	388	1	0,7	-	817					2	1,1	0,5	321
GX12-1		4	0,6	-	377	4	1,8	-	97	2	1,5	-	204					4	2,2	1	80
		6	0,8	-	168	6	2,8	-	43	3	2,2	-	91					6	3,3	1,5	36
		8	1,1	-	94	8	3,7	-	24	4	2,9	-	51					8	4,4	2	20

* The values shown refer to actual Lux

** The Elliptical optic is obtained by fitting the appropriate accessory.
For photometric data, see catalog.iguzzini.com

Lux



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

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

accessories

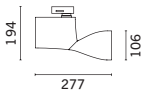
	code
Refractor for elleptical distribution colour 24 clear transparent	9538
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	9536
IR filter colour 24 clear transparent	9541
UV filter colour 24 clear transparent	9516
Warmtone filter colour 24 clear transparent	2944
Coldtone filter colour 24 clear transparent	2947
"Soft Lens" filter colour 24 clear transparent	MWA3
Louvre colour 04 black	6828

	code
Antiglare screen colour 04 black - 47 white/black 74 grey/black	6861
Directional flaps colour 04 black	6831
Accessory-holder ring colour 04 black	9492
Interchangeable reflectors for QT 12 ES lamps spot flood colour 12 alluminium	8995 8998
Ceiling base colour 01 white - 04 black	8773
Recessed base colour 01 white - 04 black Hole for installation 108 mm	8902
Cover for adapter IP40 colour 01 white - 04 black	6854

Colours

01 WHITE | 04 BLACK | 74 GREY/BLACK

Lux



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

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.

accessories

Refractor for elleptical distribution **2931**
colour 24 clear transparent

Coloured filters **2935**
colour 05 red - 06 yellow
09 sky blue - 24 clear transparent

IR filter **2933**
colour 24 clear transparent

UV filter **9517**
colour 24 clear transparent

Warmtone filter **2945**
colour 24 clear transparent

Coldtone filter **2948**
colour 24 clear transparent

"Soft Lens" filter **MWA4**
colour 24 clear transparent

Louvre **6829**
colour 04 black

Antiglare screen **6862**
colour 04 black - 47 white/black
74 grey/black

Directional flaps **6832**
colour 04 black

Accessory-holder ring **9493**
colour 04 black

Interchangeable reflectors for HIT-TC-CE lamps
spot **MX13**
medium **MX14**
flood **MX15**
wide flood **MX16**
colour 12 alluminium

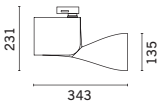
Interchangeable reflectors for QT 12 ES lamps
spot **9189**
flood **9190**
colour 12 alluminium

Ceiling base **8773**
Ceiling base DALI **MW30**
colour 01 white - 04 black

Recessed base **8902**
Recessed base DALI **MW31**
colour 01 white - 04 black
Hole for installation 108 mm

Cover for adapter IP40 **6854**
colour 01 white - 04 black

Lux



light source	W	optic	code
QR 111 (G53)	Dimmable electronic		
	100 W 12 V		**6413**
	DALI		
	100 W 12 V		**6462**
HIR-111-CE (GX8,5)	Electronic		
	70 W		**6415**
HIT-CE (G12)	Electronic		
	70 W	8°	**6418**
	70 W	16°	**MD31**
	70 W	28°	**6419**
	70 W	42°	**MD32**
	100 W	8°	**MH81**
	100 W	16°	**MH82**
	100 W	28°	**MH83**
	100 W	42°	**MH84**
	150 W	12°	**6420**
	150 W	18°	**MD33**
	150 W	28°	**6421**
	150 W	40°	**MD34**
	IP40 for optical assembly		
HST (GX12-1)	Electronic		
	100 W	8°	**6416**
	100 W	16°	**MD35**
	100 W	26°	**6417**
	100 W	40°	**MD36**

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.

accessories

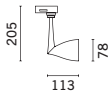
	code
Refractor for elleptical distribution	
for 6418-6419-MD31	**1192**
for 6416-6417-MD35	**2932**
colour 24 clear transparent	
Coloured filters	
for 6418-6419-MD31	**9537**
for 6416-6417-MD35	**2943**
colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	
IR filter	**2934**
for 6416-6417-6418-6419 MD31-MD32-MD35-MD36 colour 24 clear transparent	
UV filter	
for 6418-6419-MD31	**4498**
for 6416-6417-MD35	**9518**
colour 24 clear transparent	
Warmtone filter	**2946**
for 6416-6417-6418-6419 MD31-MD32-MD35-MD36 colour 24 clear transparent	
Coldtone filter	**2949**
for 6416-6417-6418-6419 MD31-MD32-MD35-MD36 colour 24 clear transparent	
"Soft Lens" filter	**MWA5**
for 6416-6417-6418-6419 MD31-MD32-MD35-MD36 colour 24 clear transparent	
Louvre	**6830**
for 6416-6417-6418-6419 MD31-MD32-MD35-MD36 colour 04 black	
Antiglare screen	**6863**
colour 04 black - 47 white/black 74 grey/black	

	code
Directional flaps	**6833**
colour 04 black	
Accessory-holder ring	**9495**
colour 04 black	
Interchangeable reflectors for HIT-CE 70/100 W - HST lamps	
spot	**MX17**
medium	**MX18**
flood	**MX19**
wide flood	**MX20**
colour 12 alluminium - 14 brass	
Interchangeable reflectors for HIT-CE 150 W lamps	
spot	**MX44**
medium	**MX45**
flood	**MX46**
wide flood	**MX47**
colour 12 alluminium - 14 brass	
Ceiling base	**8773**
Ceiling base DALI	**MW30**
colour 01 white - 04 black	
Recessed base	**8902**
Recessed base DALI	**MW31**
colour 01 white - 04 black Hole for installation 108 mm	
Cover for adapter IP40	**6854**
colour 01 white - 04 black	

Colours

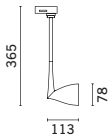
01	04	74
WHITE	BLACK	GREY/BLACK

Lux



light source	W	Lm	optic	code
LED	Warm white			
	3,5 W	240	24°	**6403**

IP40 for optical assembly



light source	W	Lm	optic	code
LED	Warm white			
	3,5 W	240	24°	**6404**

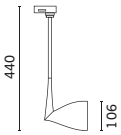
IP40 for optical assembly

accessories

	code
Antiglare screen colour 04 black - 47 white/black 74 grey/black	**6861**
Directional flaps colour 04 black	**6831**

	code
Ceiling base colour 01 white - 04 black	**8773**
Recessed base colour 01 white - 04 black Hole for installation 108 mm	**8902**
Cover for adapter IP40 colour 01 white - 04 black	**6854**

light source	W	code
PAR 20 (E27)	50 W	**6411**



light source	W	code
PAR 20 (E27)	50 W	**6412**

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**2931**
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**2935**
IR filter colour 24 clear transparent	**2933**
UV filter colour 24 clear transparent	**9517**
Warmtone filter colour 24 clear transparent	**2945**
Coldtone filter colour 24 clear transparent	**2948**
"Soft Lens" filter colour 24 clear transparent	**MWA4**

	code
Louvre colour 04 black	**6829**
Antiglare screen colour 04 black - 47 white/black 74 grey/black	**6862**
Directional flaps colour 04 black	**6832**
Accessory-holder ring colour 04 black	**9493**
Ceiling base colour 01 white - 04 black	**8773**
Recessed base colour 01 white - 04 black Hole for installation 108 mm	**8902**
Cover for adapter IP40 colour 01 white - 04 black	**6854**

Colours

01
WHITE

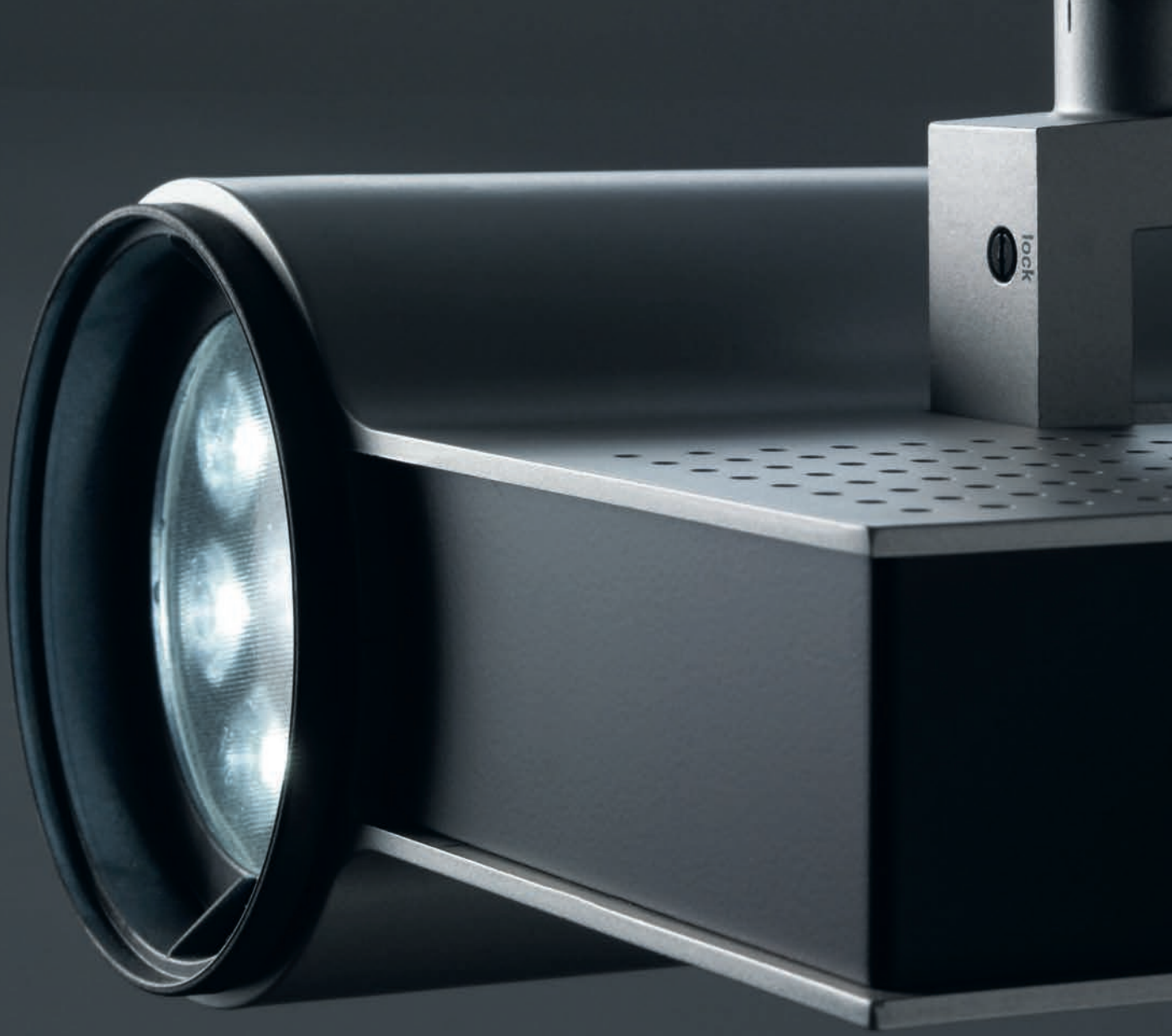
04
BLACK

74
GREY/BLACK

New Desigual store at Opera
Paris, France

Architectural project: Turull, Sorensen Arquitectos SL - Photo: Didier Boy de la Tour

1 OUTLET
OUTLET
0 FEMME
WOMAN
-1 FEMME
WOMAN
HOMME
MAN
ENFANTS
KIDS


lock

Express

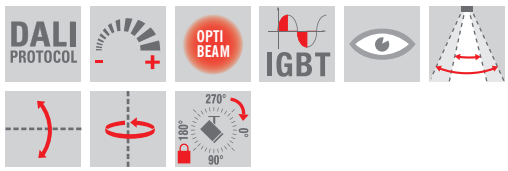
design Jean Michel Wilmotte

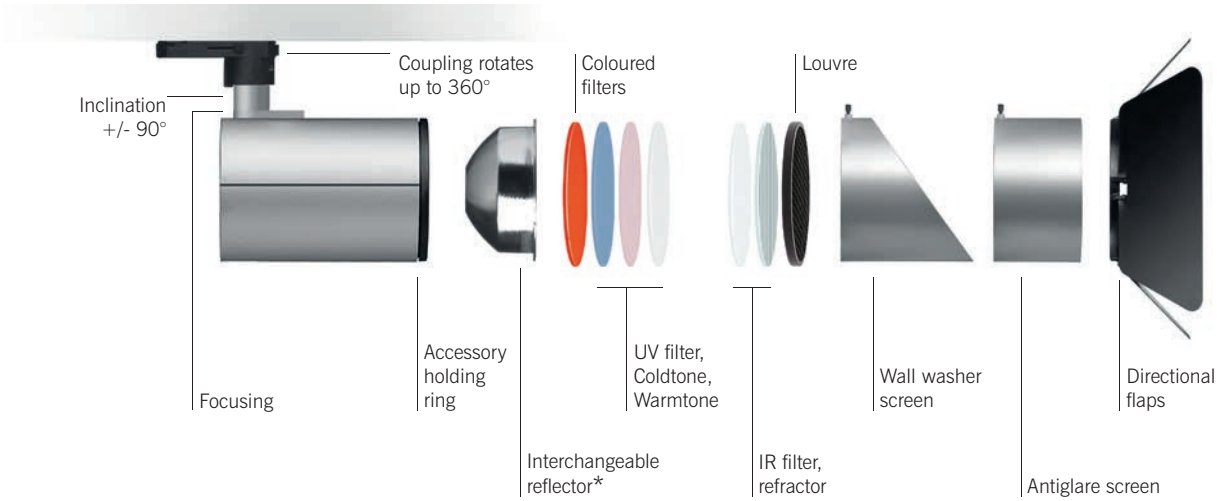
Express

Features

IP20

- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Die-cast aluminium and thermoplastic material.
- Reflectors made of ultrapure mirrored aluminium.
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.





* It allows for changing the light cone without replacing the luminaire.

Available with Spot, Medium, Flood and Wide Flood optics, for versions with discharge lamp, for low voltage halogen lamps (only spot and flood).

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

Accessory installation without tools

System for easy QR CBC 51 lamp removal

Express

Photometric values

S - Spot

M - Medium

F - Flood

WF - Wide-Flood

E - Elliptical**

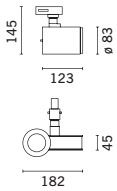
WW - Wall Washer**

		S - Spot				M - Medium				F - Flood				WF - Wide-Flood				E - Elliptical**				WW - Wall Washer**			
		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	8,3W	2	0,4	-	1722	2	0,8	-	716									1	0,6	0,4	1091				
		4	0,8	-	430	4	1,6	-	179									2	1,3	0,8	273				
		6	1,3	-	191	6	2,3	-	80									3	1,9	1,2	121				
		8	1,7	-	108	8	3,1	-	45									4	2,6	1,6	68				
QR-CBC 51*	50W	2	0,3	-	2530	2	0,7	-	909	2	1,4	-	462	1	1,1	-	792	2	1,5	0,5	450				
GU5,3		4	0,7	-	632	4	1,4	-	227	4	2,8	-	115	2	2,2	-	198	4	2,9	1	112				
		6	1	-	281	6	2,1	-	101	6	4,1	-	51	3	3,3	-	88	6	4,4	1,5	50				
		8	1,4	-	158	8	2,8	-	57	8	5,5	-	29	4	4,4	-	49	8	5,8	2	28				
QR 111*	100W	2	0,2	-	9050	2	0,8	-	1691	2	1,7	-	573												
G53		4	0,4	-	2263	4	1,6	-	423	4	3,4	-	143												
		6	0,6	-	1006	6	2,3	-	188	6	5,1	-	64												
		8	0,8	-	566	8	3,1	-	106	8	6,8	-	36												
QT 12	100W	2	0,6	-	2276					1	1,1	-	694					2	1	0,3	548				
GY6,35		4	1,1	-	569					2	2,2	-	173					4	2	0,7	137				
		6	1,7	-	253					3	3,3	-	77					6	3	1	61				
		8	2,2	-	142					4	4,4	-	43					8	4	1,4	34				
HIT-TC-CE	35W - 70W	2	0,3	-	2071	2	0,6	-	611	1	0,9	-	525	1	1,1	-	548	1	0,8	0,6	866	1	0,7	-	737
G8,5		4	0,6	-	518	4	1,3	-	153	2	1,8	-	131	2	2,1	-	137	2	1,6	1,3	216	2	1,4	-	184
		6	0,8	-	230	6	1,9	-	68	3	2,7	-	58	3	3,2	-	61	3	2,4	1,9	96	3	2,1	-	82
		8	1,1	-	129	8	2,5	-	38	4	3,6	-	33	4	4,3	-	34	4	3,2	2,6	54	4	2,8	-	46
HIT-CE	70W - 100W - 150W	2	0,3	-	1966	2	0,6	-	925	1	0,9	-	578	1	1,1	-	462	1	0,9	1	514	1	0,8	0,8	657
G12		4	0,7	-	491	4	1,1	-	231	2	1,8	-	145	2	2,2	-	115	2	1,9	2	128	2	1,6	1,7	164
		6	1	-	218	6	1,7	-	103	3	2,7	-	64	3	3,3	-	51	3	2,8	2,9	57	3	2,4	2,5	73
		8	1,4	-	123	8	2,2	-	58	4	3,6	-	36	4	4,4	-	29	4	3,7	3,9	32	4	3,2	3,4	41
HST	100W					2	0,6	-	726	1	1	-	755					1	0,7	0,3	1182				
GX12-1						4	1,1	-	182	2	2	-	189					2	1,3	0,6	296				
						6	1,7	-	81	3	2,9	-	84					3	2	0,9	131				
						8	2,2	-	45	4	3,9	-	47					4	2,7	1,2	74				

* The values shown refer to actual Lux

** Elliptical and Wall Washer optics are obtained by installing the respective accessories.
For photometric data, see catalog.iguzzini.com

Express



light source	W	code
QR CBC 51 (GU5,3)	Dimmable electronic 50 W 12 V	6365

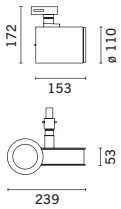
See your instruction manual for the exact number of accessories that may be installed

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	9538
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	9536
IR filter colour 24 clear transparent	9541
UV filter colour 24 clear transparent	9516
Warmtone filter colour 24 clear transparent	2944
Coldtone filter colour 24 clear transparent	2947
“Soft Lens” filter colour 24 clear transparent	MWA3
Louvre colour 04 black	6828

	code
Antiglare screen colour 47 white/black 74 grey/black	6861
Directional flaps colour 04 black	6831
Ceiling base colour 01 white - 04 black	8773
Recessed base colour 01 white - 04 black Hole for installation 108 mm	8902
Cover for adapter IP40 colour 01 white - 04 black	6854

Express



light source	W	Lm	optic	code
LED	Neutral white			
	8,3 W	640	12°	6454
	8,3 W	640	22°	6458
	Warm white			
	8,3 W	550	12°	6456
	8,3 W	550	20°	6459
	Neutral white DALI			
	8,3 W	640	12°	6467
	8,3 W	640	22°	6469
	Warm white DALI			
	8,3 W	550	12°	6468
	8,3 W	550	20°	6470
QT 12 ES (GY6,35)	Dimmable electronic			
	100 W	max 12 V	10°	6370
	100 W	max 12 V	38°	6371
	DALI			
	100 W	max 12 V	10°	6431
	100 W	max 12 V	50°	6432
HIT-TC-CE (G8,5)	Electronic			
	35 W		8°	6372
	35 W		16°	MD03
	35 W		30°	6373
	35 W		50°	MD04
	50 W		8°	MH69
	50 W		16°	MH70
	50 W		30°	MH71
	50 W		50°	MH72
	70 W		10°	6374
	70 W		16°	MD05
	70 W		30°	6375
	70 W		50°	MD06

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.

accessories

Refractor for elleptical distribution **2931**
colour 24 clear transparent

Coloured filters **2935**
no for LED
colour 05 red - 06 yellow
09 sky blue - 24 clear transparent

IR filter **2933**
no for LED
colour 24 clear transparent

UV filter **9517**
no for LED
colour 24 clear transparent

Warmtone filter **2945**
no for LED
colour 24 clear transparent

Coldtone filter **2948**
no for LED
colour 24 clear transparent

"Soft Lens" filter **MWA4**
no for LED
colour 24 clear transparent

Louvre **6829**
no for LED
colour 24 clear transparent

Wall washer screen with diffusing filter **MW81**
for 6371-6373-6375-6432
MD04-MD06-MH71-MH72
colour 47 white/black
74 grey/black

Antiglare screen **6862**
colour 47 white/black
74 grey/black

Directional flaps **6832**
colour 04 black

Interchangeable reflectors for HIT-TC-CE lamps
spot **MX00**
medium **MX01**
flood **MX02**
wide flood **MX03**
colour 12 alluminium

Interchangeable reflectors for QT 12 ES lamps
spot **6844**
flood **6845**
colour 12 alluminium

Ceiling base **8773**
Ceiling base DALI **MW30**
colour 01 white - 04 black

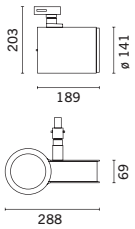
Recessed base **8902**
Recessed base DALI **MW31**
colour 01 white - 04 black
Hole for installation 108 mm

Cover for adapter IP40 **6854**
colour 01 white - 04 black

Colours

74
GREY/BLACK

Express



light source	W	optic	code
QR 111 (G53)	Dimmable electronic		
	75/100 W 12 V		**6376**
	DALI		
	100 W 12 V		**6433**
HIT-CE (G12)	Electronic		
	70 W	10°	**6378**
	70 W	16°	**MD07**
	70 W	30°	**6379**
	70 W	48°	**MD08**
	100 W	10°	**MH73**
	100 W	16°	**MH74**
	100 W	30°	**MH75**
	100 W	48°	**MH76**
	150 W	14°	**6380**
	150 W	18°	**MD09**
	150 W	30°	**6381**
	150 W	46°	**MD10**
HST (GX12-1)	Electronic		
	100 W	16°	**MD11**
	100 W	46°	**MD12**

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.

accessories

	code
Refractor for elleptical distribution	
for 6376-6433-MD11	**2932**
for HIT-CE	**1192**
colour 24 clear transparent	
Coloured filters	
for 6376-6433-MD11	**2943**
for HIT-CE	**9537**
colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	
IR filter	**2934**
no for HST colour 24 clear transparent	
UV filter	
for 6376-6433-MD11	**9518**
for HIT-CE	**4498**
colour 24 clear transparent	
Warmtone filter	**2946**
no for HST colour 24 clear transparent	
Coldtone filter	**2949**
no for HST colour 24 clear transparent	
"Soft Lens" filter	**MWA5**
no for HST colour 24 clear transparent	
Louvre	**6830**
for HIT-CE colour 04 black	

	code
Wall washer screen with diffusing filter	**MW82**
for 6379-6381-6383-MD08 MD10-MD12-MH75-MH76 colour 47 white/black 74 grey/black	
Antiglare screen	**6863**
colour 47 white/black 74 grey/black	
Directional flaps	**6833**
colour 04 black	
Interchangeable reflectors for HIT-CE 70/100 W - HST lamps	
superspot	**MX04**
spot	**MX05**
medium	**MX06**
flood	**MX07**
wide flood	**MX08**
colour 12 alluminium - 14 brass	
Interchangeable reflectors for HIT-CE 150 W lamps	
superspot	**MX39**
spot	**MX40**
medium	**MX41**
flood	**MX42**
wide flood	**MX43**
colour 12 alluminium - 14 brass	
Cover for adapter IP40	**6854**
colour 01 white - 04 black	

National Grand Theatre - Beijing, China

Architectural project: Paul Andreu Architect with ADPi and BIAD - Lighting project: Kaoru Mende and Yosuke Hiraiwa - Photo: Gabriele Basilico

Colours

74
GREY/BLACK

Tecnica

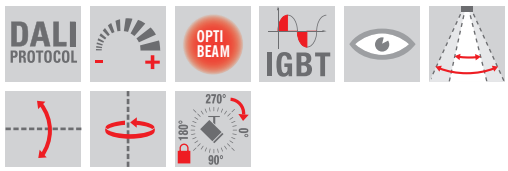
design Bruno Gecchelin

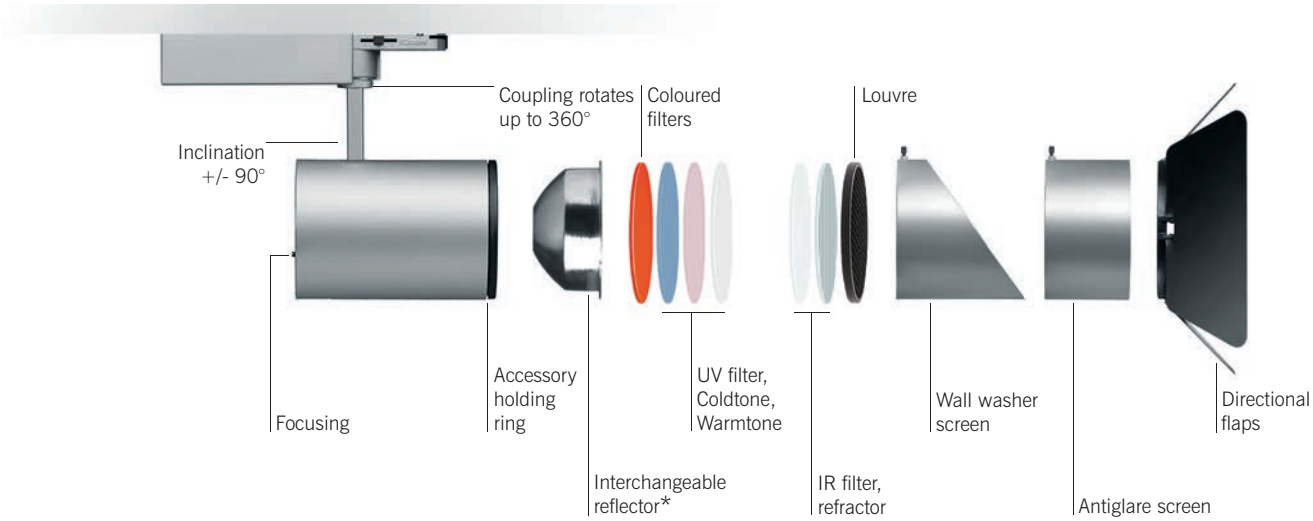
Tecnica

Features

IP20 (IP40 with optional glass)

- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Die-cast aluminium and thermoplastic material.
- Reflectors made of ultrapure mirrored aluminium.
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.





* It allows for changing the light cone without replacing the luminaire.
Available with Spot, Medium, Flood and Wide Flood optics, for versions with discharge lamp and for low voltage halogen lamps (only spot and flood).

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

Installation of the frontal frame and accessories, without tools

System for easy QR CBC 51 lamp removal

Tecnica

Photometric values

S - Spot

M - Medium

F - Flood

WF - Wide-Flood

E - Elliptical**

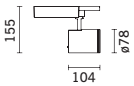
WW - Wall Washer**

		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	8,3W	2	0,4	-	1722	2	0,7	-	642									1	0,6	0,4	1091				
		4	0,8	-	430	4	1,4	-	160									2	1,3	0,8	273				
		6	1,3	-	191	6	2,1	-	71									3	1,9	1,2	121				
		8	1,7	-	108	8	2,8	-	40									4	2,6	1,6	68				
QR-CBC 51*	50W	2	0,3	-	2530	2	0,7	-	909	2	1,4	-	462	1	1,1	-	792	2	1,5	0,5	450				
GU5,3		4	0,7	-	632	4	1,4	-	227	4	2,8	-	115	2	2,2	-	198	4	2,9	1	112				
		6	1	-	281	6	2,1	-	101	6	4,1	-	51	3	3,3	-	88	6	4,4	1,5	50				
		8	1,4	-	158	8	2,8	-	57	8	5,5	-	29	4	4,4	-	49	8	5,8	2	28				
QR 111*	100W	2	0,2	-	7371	2	0,8	-	1691	2	1,7	-	573					2	2,2	0,3	573				
G53		4	0,4	-	1843	4	1,6	-	423	4	3,4	-	143					4	4,4	0,6	143				
		6	0,6	-	819	6	2,3	-	188	6	5,1	-	64					6	6,7	0,8	64				
		8	0,8	-	461	8	3,1	-	106	8	6,8	-	36					8	8,9	1,1	36				
QT 12	50W - 100W	2	0,3	-	3476	2	0,6	-	809	2	1,1	-	349	1	1,2	-	586	1	0,8	0,7	779	1	0,8	-	530
GY6,35		4	0,6	-	869	4	1,1	-	202	4	2,3	-	87	2	2,3	-	147	2	1,7	1,4	195	2	1,7	-	133
		6	0,8	-	386	6	1,7	-	90	6	3,4	-	39	3	3,5	-	65	3	2,5	2,1	87	3	2,5	-	59
		8	1,1	-	217	8	2,2	-	51	8	4,6	-	22	4	4,6	-	37	4	3,3	2,8	49	4	3,4	-	33
QT 32	150W					2	0,8	-	403	1	0,7	-	258	1	1,6	-	212	1	0,6	0,5	681				
E27						4	1,6	-	101	2	1,5	-	65	2	3,2	-	53	2	1,3	0,9	170				
						6	2,3	-	45	3	2,2	-	29	3	4,9	-	24	3	1,9	1,4	76				
						8	3,1	-	25	4	2,9	-	16	4	6,5	-	13	4	2,6	1,8	43				
HIR-111-CE*	70W	2	0,3	-	10845	2	0,8	-	2769	2	1,3	-	1548												
GX8,5		4	0,7	-	2711	4	1,6	-	692	4	2,6	-	387												
		6	1	-	1205	6	2,3	-	308	6	3,9	-	172												
		8	1,4	-	678	8	3,1	-	173	8	5,2	-	97												
PAR 20*	50W	2	0,3	-	484	1	0,5	-	1057									1	0,7	0,4	561				
E27		4	0,7	-	121	2	1,1	-	264									2	1,4	0,7	140				
		6	1	-	54	3	1,6	-	117									3	2,1	1,1	62				
		8	1,4	-	30	4	2,1	-	66									4	2,8	1,4	35				
PAR 30S*	100W	2	0,3	-	1691					2	0,9	-	601					2	2	0,9	361				
E27		4	0,6	-	423					4	1,8	-	150					4	4,1	1,8	90				
		6	0,8	-	188					6	2,8	-	67					6	6,1	2,7	40				
		8	1,1	-	106					8	3,7	-	38					8	8,2	3,5	23				
HIT-CE	20W	2	0,3	-	1755	2	0,6	-	924	1	0,6	-	676	1	1,2	-	324	2	1,2	0,6	384	1	0,8	0,9	397
PGJ5		4	0,7	-	439	4	1,1	-	231	2	1,2	-	169	2	2,5	-	81	4	2,4	1,3	96	2	1,7	1,7	99
		6	1	-	195	6	1,7	-	103	3	1,8	-	75	3	3,7	-	36	6	3,7	1,9	43	3	2,5	2,6	44
		8	1,4	-	110	8	2,2	-	58	4	2,4	-	42	4	5	-	20	8	4,9	2,5	24	4	3,3	3,5	25
HIT-TC-CE	35W	2	0,3	-	2071	2	0,6	-	973	1	0,7	-	1019	1	1	-	756	2	1,1	0,5	380	1	0,8	-	621
G8,5		4	0,6	-	518	4	1,1	-	243	2	1,5	-	255	2	2	-	189	4	2,3	1	95	2	1,6	-	155
		6	0,8	-	230	6	1,7	-	108	3	2,2	-	113	3	2,9	-	84	6	3,4	1,5	42	3	2,4	-	69
		8	1,1	-	129	8	2,2	-	61	4	2,9	-	64	4	3,9	-	47	8	4,6	2	24	4	3,2	-	39
HIT-CE	70W - 100W - 150W	2	0,3	-	1966	2	0,6	-	925	2	1,1	-	348	1	0,8	-	596	1	0,6	0,3	911	1	0,9	-	642
G12		4	0,7	-	491	4	1,1	-	231	4	2,1	-	87	2	1,7	-	149	2	1,2	0,6	228	2	1,8	-	160
		6	1	-	218	6	1,7	-	103	6	3,2	-	39	3	2,5	-	66	3	1,8	0,8	101	3	2,7	-	71
		8	1,4	-	123	8	2,2	-	58	8	4,3	-	22	4	3,4	-	37	4	2,4	1,1	57	4	3,6	-	40
HST	100W	2	0,3	-	2342	2	0,6	-	726	2	1,1	-	348	1	0,8	-	640	1	0,6	0,3	1258				
GX12-1		4	0,7	-	586	4	1,1	-	182	4	2,1	-	87	2	1,7	-	160	2	1,2	0,6	314				
		6	1	-	260	6	1,7	-	81	6	3,2	-	39	3	2,5	-	71	3	1,8	1	140				
		8	1,4	-	146	8	2,2	-	45	8	4,3	-	22	4	3,4	-	40	4	2,4	1,3	79				

* The values shown refer to actual Lux

** Elliptical and Wall Washer optics are obtained by installing the respective accessories. For photometric data, see catalog.iguzzini.com

Tecnica



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

IP40 for optical assembly

colour 01 white - 04 black - 15 grey

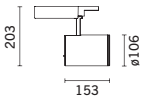
See your instruction manual for the exact number of accessories that may be installed

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**9538**
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**9536**
IR filter colour 24 clear transparent	**9541**
UV filter colour 24 clear transparent	**9516**
Warmtone filter colour 24 clear transparent	**2944**
Coldtone filter colour 24 clear transparent	**2947**
“Soft Lens” filter colour 24 clear transparent	**MWA3**
Louvre colour 04 black	**6828**

	code
Wall washer screen with diffusing filter for 6338-6342 colour 43 black/black 47 white/black - 74 grey/black	**MW80**
Antiglare screen colour 04 black - 47 white/black 74 grey/black	**6861**
Directional flaps colour 04 black	**6831**
Interchangeable reflectors for HIT-CE lamps	
spot	**MWZ6**
medium	**MWZ7**
flood	**MWZ8**
wide flood	**MWZ9**
colour 12 alluminium	
Interchangeable reflectors for QT 12 ES lamps	
spot	**6840**
flood	**6841**
colour 12 alluminium	
Cover for adapter IP40 colour 01 white - 04 black	**6854**

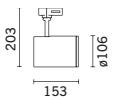
Tecnica



light source	W	Lm	optic	code
LED	Neutral white			
	8,3 W	640	12°	6450
	8,3 W	640	22°	6452
	Warm white			
	8,3 W	550	12°	6451
	8,3 W	550	20°	6453
	Neutral white DALI			
	8,3 W	640	12°	6463
	8,3 W	640	22°	6465
	Warm white DALI			
	8,3 W	550	12°	6464
	8,3 W	550	20°	6466
QT 12 ES (GY6,35)	Dimmable electronic			
	100 W	max 12 V	10°	6347
	100 W	max 12 V	38°	6348
	DALI			
	100 W	max 12 V	10°	6428
	100 W	max 12 V	38°	6429
HIT-TC-CE (G8,5)	Electronic			
	35 W		8°	6343
	35 W		16°	MC91
	35 W		30°	6344
	35 W		50°	MC92
	50 W		8°	MH53
	50 W		16°	MH54
	50 W		30°	MH55
	50 W		50°	MH56
	70 W		10°	6345
	70 W		16°	MC93
	70 W		30°	6346
	70 W		50°	MC94

IP40 for optical assembly

colour 01 white - 04 black - 15 grey



PAR 20 (E27)	50 W			6349

colour 01 white - 04 black - 74 grey/black

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.

accessories

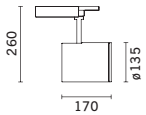
	code
Refractor for elleptical distribution colour 24 clear transparent	2931
Coloured filters no for LED colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	2935
IR filter no for LED colour 24 clear transparent	2933
UV filter no for LED colour 24 clear transparent	9517
Filtro Warmtone no for LED colour 24 clear transparent	2945
Coldtone filter no for LED colour 24 clear transparent	2948
“Soft Lens” filter no for LED colour 24 clear transparent	MWA4
Louvre no for LED colour 04 black	6829

	code
Wall washer screen with diffusing filter for 6344-6346-6348-6429 MC92-MC94 colour 43 black/black 47 white/black - 74 grey/black	MW81
Antiglare screen colour 04 black - 47 white/black 74 grey/black	6862
Directional flaps colour 04 black	6832
Interchangeable reflectors for HIT-TC-CE lamps	
spot	MX00
medium	MX01
flood	MX02
wide flood	MX03
colour 12 alluminium	
Interchangeable reflectors for QT 12 ES lamps	
spot	6844
flood	6845
for 6347-6348 colour 12 alluminium	
Ceiling base for PAR 20 colour 01 white - 04 black	8773
Recessed base for PAR 20 colour 01 white - 04 black Hole for installation 108 mm	8902
Cover for adapter IP40 colour 01 white - 04 black	6854

Colours

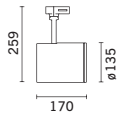
01	04	15	74
WHITE	BLACK	GREY	GREY/BLACK

Tecnica



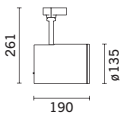
light source	W	optic	code
QR 111 (G53)	Dimmable electronic		
	75/100 W 12 V		**6350**
	DALI		
	100 W 12 V		**6430**
HIR-111-CE (GX8,5)	Electronic		
	70 W		**6351**

colour 01 white - 04 black - 15 grey



PAR 30S (E27)	100 W		**6352**

colour 01 white - 04 black - 74 grey/black



QT 32 (E27)	150 W	22°	**6353**
	150 W	56°	**6354**

colour 01 white - 04 black - 74 grey/black

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

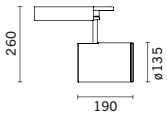
DALI spotlights are provided with a special adapter and are only compatible with iGuzzini DALI tracks.

accessories

	code
Refractor for elleptical distribution no for HIR-111-CE colour 24 clear transparent	**2932**
Coloured filters no for HIR-111-CE colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**2943**
IR filter no for HIR-111-CE colour 24 clear transparent	**2934**
UV filter no for HIR-111-CE colour 24 clear transparent	**9518**
Warmtone filter no for HIR-111-CE colour 24 clear transparent	**2946**
Coldtone filter no for HIR-111-CE colour 24 clear transparent	**2949**
"Soft Lens" filter no for HIR-111-CE colour 24 clear transparent	**MWA5**
Louvre for PAR 30S - QT 32 colour 04 black	**6830**

	code
Wall washer screen with diffusing filter for 6354 colour 43 black/black 47 white/black - 74 grey/black	**MW82**
Antiglare screen colour 04 black - 47 white/black 74 grey/black	**6863**
Directional flaps colour 04 black	**6833**
Interchangeable reflectors for QT 32 lamps spot flood colour 12 alluminium	**6846** **6847**
Ceiling base for PAR 30S - QT 32 colour 01 white - 04 black	**8773**
Recessed base for PAR 30S - QT 32 colour 01 white - 04 black Hole for installation 108 mm	**8902**
Cover for adapter IP40 colour 01 white - 04 black	**6854**

Tecnica



light source	W	optic	code
QT 12 ES (GY6,35)	Dimmable electronic		
	100 W max 12 V	8°	**MF00**
	100 W max 12 V	15°	**MF01**
	100 W max 12 V	28°	**MF02**
	100 W max 12 V	45°	**MF03**
HIT-CE (G12)	Electronic		
	70 W	10°	**6357**
	70 W	16°	**MC95**
	70 W	30°	**6358**
	70 W	48°	**MC96**
	100 W	10°	**MH57**
	100W	16°	**MH58**
	100 W	30°	**MH59**
	100 W	48°	**MH60**
	150 W	12°	**6359**
	150 W	18°	**MC97**
	150 W	30°	**6360**
	150 W	46°	**MC98**
	IP40 for optical assembly (no for 6357-6358)		
HST (GX12-1)	Electronic		
	100 W	10°	**6355**
	100 W	16°	**MC99**
	100 W	30°	**6356**
	100 W	46°	**MD00**

colour 01 white - 04 black - 15 grey

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

accessories

	code
Refractor for elleptical distribution for HST - QT 12 ES for HIT-CE colour 24 clear transparent	 **2932** **1192**
Coloured filters for HST - QT 12 ES for HIT-CE colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	 **2943** **9537**
IR filter colour 24 clear transparent	**2934**
UV filter for HST - QT 12 ES for HIT-CE colour 24 clear transparent	 **9518** **4498**
Warmtone filter colour 24 clear transparent	**2946**
Coldtone filter colour 24 clear transparent	**2949**
"Soft Lens" filter colour 24 clear transparent	**MWA5**
Louvre colour 04 black	**6830**

	code
Wall washer screen with diffusing filter for 6356-6358-6360-MC96-MC98 MD00-MF02-MF03-MH59-MH60 colour 43 black/black 47 white/black - 74 grey/black	**MW82**
Antiglare screen colour 04 black - 47 white/black 74 grey/black	**6863**
Directional flaps colour 04 black	**6833**
Interchangeable reflectors for HIT-CE 70/100 W - HST lamps	
superspot	**MX04**
spot	**MX05**
medium	**MX06**
flood	**MX07**
wide flood	**MX08**
colour 12 alluminium - 14 brass	
Interchangeable reflectors for HIT-CE 150 W lamps	
superspot	**MX39**
spot	**MX40**
medium	**MX41**
flood	**MX42**
wide flood	**MX43**
colour 12 alluminium - 14 brass	

Colours

01 WHITE | 04 BLACK | 15 GREY | 74 GREY/BLACK

Front Light

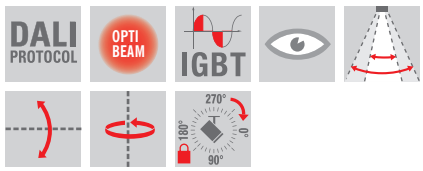
Divo Boutique - Pontedera (Pisa), Italy
Lighting project: MetroOffice architecture - Arch. Fabio Barluzzi, Arch. Barbara Ponticelli - Photo: Lorenzo Mennonna

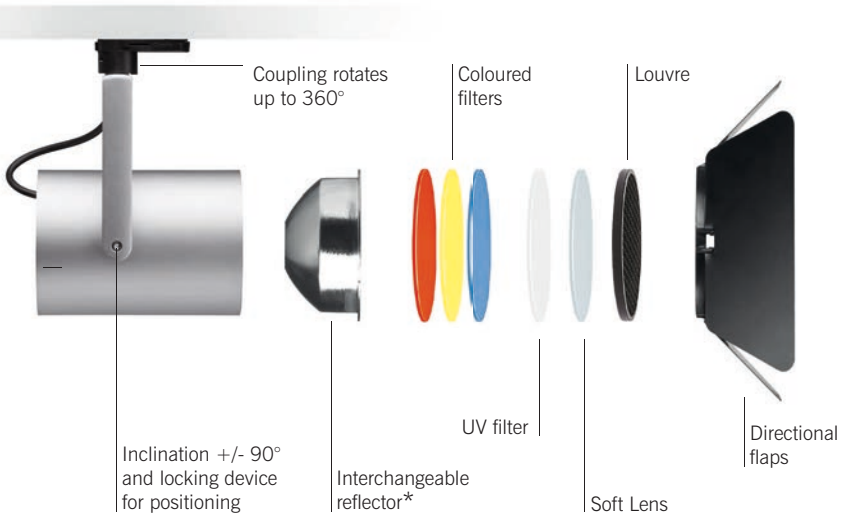
Front Light

Features

IP20 (IP40 with optional glass)

- Installation on three-phase track and on a ceiling-mounted base.
- Die-cast aluminium and thermoplastic material.
- Reflectors made of ultrapure mirrored aluminium.
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.





* It allows for changing the light cone without replacing the luminaire.

Available with Spot, Medium, Flood and Wide Flood optics for versions with discharge lamp, with spot, medium and flood optics for LED versions.

Photometric values

S - Spot

M - Medium

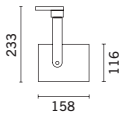
F - Flood

WF - Wide-Flood

		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	25W - 33W - 37W 55W	2	0,4	-	2333	2	1	-	572	1	0,8	-	1037	1	0,9	-	743
		4	0,8	-	583	4	2	-	143	2	1,5	-	259	2	1,8	-	186
		6	1,3	-	259	6	3	-	64	3	2,3	-	115	3	2,7	-	83
		8	1,7	-	146	8	4	-	36	4	3,1	-	65	4	3,6	-	46
QR 111* G53	75W	2	0,2	-	5538	2	0,9	-	1101	2	1,5	-	357				
		4	0,4	-	1385	4	1,7	-	275	4	3,1	-	89				
		6	0,6	-	615	6	2,6	-	122	6	4,6	-	40				
		8	0,8	-	346	8	3,4	-	69	8	6,1	-	22				
HIR-111-CE* GX8,5	70W	2	0,3	-	10845	2	0,8	-	2769	2	1,3	-	1548				
		4	0,7	-	2711	4	1,6	-	692	4	2,6	-	387				
		6	1	-	1205	6	2,3	-	308	6	3,9	-	172				
		8	1,4	-	678	8	3,1	-	173	8	5,2	-	97				
HIT-CE GU6,5	20W - 35W	2	0,2	-	5076	2	0,6	-	1140	2	1,2	-	363	1	0,8	-	850
		4	0,4	-	1269	4	1,1	-	285	4	2,4	-	91	2	1,7	-	212
		6	0,6	-	564	6	1,7	-	127	6	3,7	-	40	3	2,5	-	94
		8	0,8	-	317	8	2,2	-	71	8	4,9	-	23	4	3,4	-	53
HIT-TC-CE G8,5	35W - 70W	2	0,3	-	3381	2	0,8	-	644	2	1,3	-	366	1	1	-	696
		4	0,6	-	845	4	1,6	-	161	4	2,6	-	92	2	2	-	174
		6	0,8	-	376	6	2,3	-	72	6	3,9	-	41	3	3,1	-	77
		8	1,1	-	211	8	3,1	-	40	8	5,2	-	23	4	4,1	-	43
HIT-CE G12	35W - 70W	2	0,3	-	2658	2	0,6	-	844	2	1	-	431	1	0,8	-	726
		4	0,6	-	665	4	1,1	-	211	4	2	-	108	2	1,7	-	181
		6	0,8	-	295	6	1,7	-	94	6	3	-	48	3	2,5	-	81
		8	1,1	-	166	8	2,2	-	53	8	4	-	27	4	3,4	-	45

* The values shown refer to actual Lux

Front Light



light source	W	Lm	optic	code
LED	Neutral white			
	25 W	2300	18°	MB30
	25 W	2300	28°	MB31
	25 W	2300	48°	MB32
	37 W	3000	18°	MK95
	37 W	3000	28°	MK96
	37 W	3000	48°	MK97
	Warm white			
	25 W	2300	18°	MB33
	25 W	2300	28°	MB34
	25 W	2300	48°	MB35
	37 W	3000	18°	MK98
	37 W	3000	28°	MK99
	37 W	3000	48°	ML00
HIT-CE (GU6,5)	Electronic			
	20 W		6°	M922
	20 W		16°	MD37
	20 W		30°	M923
	20 W		46°	MD38
	35 W		8°	M924
	35 W		16°	MD39
	35 W		30°	M925
	35 W		46°	MD40

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

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	MWY2
Coloured filters colour 05 red - 06 yellow 09 sky blue	MWY4
UV filter colour 24 clear transparent	MWY6
"Soft Lens" filter colour 24 clear transparent	MWN5
Louvre colour 04 black	MWY8
Directional flaps colour 04 black	MWN7

	code
Interchangeable reflectors for LED lamps	
spot	MWZ0
medium	MWZ1
flood	MWZ2
colour 12 alluminium	
Interchangeable reflectors for HIT-CE lamps	
spot	MX21
medium	MX22
flood	MX23
wide flood	MX24
colour 12 alluminium	
Ceiling base colour 01 white - 04 black	8773
Recessed base colour 01 white - 04 black Hole for installation 108 mm	8902
Cover for adapter IP40 colour 01 white - 04 black	6854

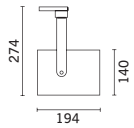
Colours

01
WHITE

04
BLACK

74
GREY/BLACK

Front Light



light source	W	Lm	optic	code
LED	Neutral white			
	33 W	3000	12°	MB36
	33 W	3000	30°	MB37
	33 W	3000	39°	MB38
	55 W	5000	18°	MK82
	55 W	5000	32°	MK83
	55 W	5000	42°	MK84
	Warm white			
	33 W	3000	12°	MB39
	33 W	3000	30°	MB40
	33 W	3000	38°	MB41
	55 W	5000	18°	MK85
	55 W	5000	32°	MK86
	55 W	5000	42°	MK87
QR 111 (G53)	Dimmable electronic			
	75 W	12 V		MB17
HIR-111-CE (GX8,5)	Electronic			
	35 W			MB18
	70 W			MB19
HIT-TC-CE (G8,5)	Electronic High-efficiency reflector			
	35 W		8°	M926
	35 W		20°	MD41
	35 W		36°	M927
	35 W		54°	MD42
	50 W		8°	MH85
	50 W		20°	MH86
	50 W		36°	MH87
	50 W		54°	MH88
	70 W		8°	M928
	70 W		20°	MD43
	70 W		36°	M929
	70 W		54°	MD44
HIT-CE (G12)	Electronic			
	35 W		8°	M930
	35 W		14°	MD45
	35 W		28°	M931
	35 W		46°	MD46
	70 W		10°	M932
	70 W		16°	MD47
	70 W		28°	M933
	70 W		46°	MD48

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

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	MWY3
Coloured filters colour 05 red - 06 yellow 09 sky blue	MWY5
UV filter colour 24 clear transparent	MWY7
"Soft Lens" filter colour 24 clear transparent	MWN6
Louvre colour 04 black	MWY9
Directional flaps colour 04 black	MWN8

	code
Interchangeable reflectors for LED lamps	
spot	MWZ3
medium	MWZ4
flood	MWZ5
colour 12 alluminium	
Interchangeable reflectors for HIT-TC-CE lamps	
spot	MX25
medium	MX26
flood	MX27
wide flood	MX28
colour 12 alluminium	
Interchangeable reflectors for HIT-CE lamps	
spot	MX29
medium	MX30
flood	MX31
wide flood	MX32
colour 12 alluminium	
Ceiling base colour 01 white - 04 black	8773
Recessed base colour 01 white - 04 black Hole for installation 108 mm	8902
Cover for adapter IP40 colour 01 white - 04 black	6854

Ferrari Store - Dubai, United Arab Emirates
Architectural project: arch. Massimo Iosa Ghini

Colours

01
WHITE

04
BLACK

74
GREY/BLACK

Ferrari
STORIE

Le Perroquet

design Piano Design

Intel Design Prize, Top Selection
iF Design Award

Le Perroquet

Le Perroquet professional

Anticorpi / Antibodies Show by Fernando and Humberto Campana, Triennale di Milano - Milan, Italy

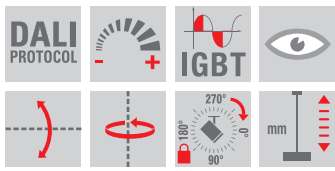
Photo: Fabrizio Marchesi

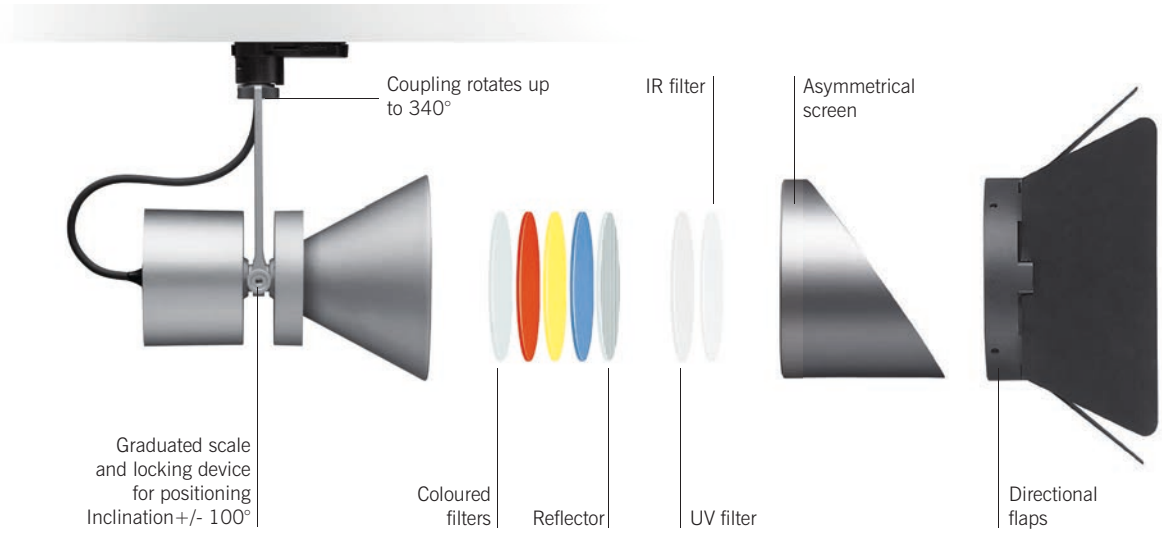
Le Perroquet

Features

IP20 (IP40 with optional glass)

- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Die-cast aluminium and thermoplastic material.
- Reflectors made of ultrapure mirrored aluminium.
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.





Visual comfort

Asymmetrical screen

Directional flaps

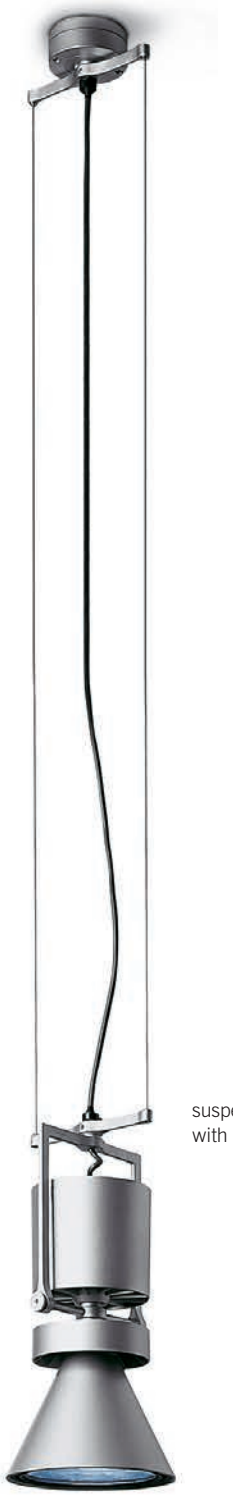
Spill-ring

Le Perroquet

Versions

Le Perroquet is available in versions:
- wall/ceiling
- suspension with base
- suspended with adapter for track

wall/ceiling



suspension with base

suspended with adapter for track

Le Perroquet

Indirect light version

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

Photometric values

S - Spot

M - Medium

F - Flood

WF - Wide-Flood

E - Elliptical**

		S - Spot				M - Medium				F - Flood				WF - Wide-Flood				E - Elliptical**			
		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	3.5W - 14W	2	0,3	-	3597	2	0,9	-	599												
		4	0,6	-	899	4	1,8	-	150												
		6	0,8	-	400	6	2,8	-	67												
		8	1,1	-	225	8	3,7	-	37												
QR-CBC 51*	50W	2	0,4	-	2395	2	0,7	-	909	2	1,4	-	461								
GU5,3		4	0,8	-	599	4	1,4	-	227	4	2,8	-	115								
		6	1,3	-	266	6	2,1	-	101	6	4,1	-	51								
		8	1,7	-	150	8	2,8	-	57	8	5,5	-	29								
QR 111*	75W	2	0,2	-	5538	2	0,9	-	1101	2	1,5	-	357					2	2,2	0,3	573
G53		4	0,4	-	1385	4	1,7	-	275	4	3,1	-	89					4	4,4	0,6	143
		6	0,6	-	615	6	2,6	-	122	6	4,6	-	40					6	6,7	0,8	64
		8	0,8	-	346	8	3,4	-	69	8	6,1	-	22					8	8,9	1,1	36
QT 12	100W	2	0,3	-	1907					2	1,1	-	335	1	1	-	413	2	1,2	0,4	464
GY6,35		4	0,7	-	477					4	2,3	-	84	2	2	-	103	4	2,4	0,8	116
		6	1	-	212					6	3,4	-	37	3	2,9	-	46	6	3,7	1,2	52
		8	1,4	-	119					8	4,6	-	21	4	3,9	-	26	8	4,9	1,5	29
HIT-CE	70W	2	0,6	-	772					1	0,6	-	908								
G12		4	1,3	-	193					2	1,3	-	227								
		6	1,9	-	86					3	1,9	-	101								
		8	2,5	-	48					4	2,6	-	57								

* The values shown refer to actual Lux

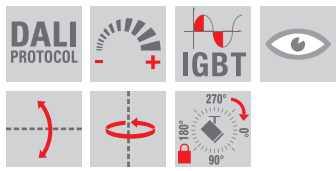
** The Elliptical optic is obtained by fitting the appropriate accessory.
For photometric data, see catalog.iguzzini.com

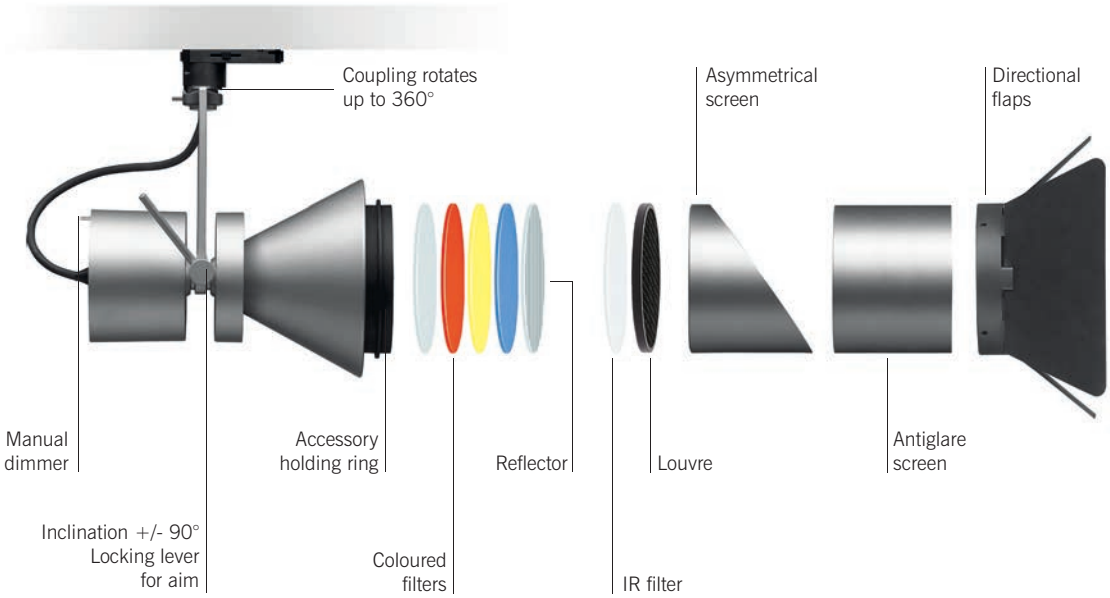
Le Perroquet professional

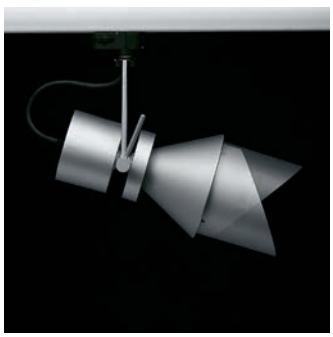
Features

IP20 (IP40 with optional glass)

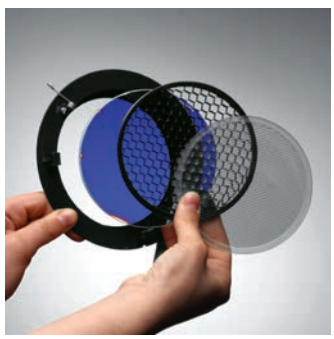
- Installation on three-phase track and on a ceiling-mounted base.
- Die-cast aluminium and thermoplastic material.
- Reflectors made of ultrapure mirrored aluminium.
- Accessory holding ring (holds up to three flat accessories).
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.





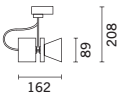


All external accessories rotate through 360°



Accessory holding ring (holds up to three flat accessories)

Le Perroquet spot



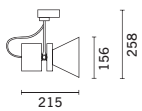
light source	W	Lm	optic	code
LED	Neutral white			
	3,5 W	280	8°	6438
	3,5 W	280	24°	6440
	Warm white			
	3,5 W	240	8°	6439
	3,5 W	240	24°	6441
QR CBC 51 (GU5,3)	Dimmable electronic			
	50 W	12 V		4870

Compatible with Decostar IRC OSRAM

accessories

		code
	Refractor for elleptical distribution no for LED colour 24 clear transparent	9538
	Coloured filters no for LED colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	9536
	IR filter no for LED colour 24 clear transparent	9541
	Asymmetrical screen colour 01 white - 15 grey	9532

		code
	Directional flaps colour 04 black	9528
	Ceiling base colour 01 white - 04 black	8773
	Recessed base colour 01 white - 04 black Hole for installation 108 mm	8902
	Cover for adapter IP40 colour 01 white - 04 black	6854



light source	W	Lm	optic	code
LED	Neutral white			
	14 W	1060	8°	6442
	14 W	1060	26°	6444
	Warm white			
	14 W	920	8°	6443
	14 W	920	26°	6445
	Neutral white DALI			
	14 W	1060	8°	6446
	14 W	1060	26°	6448
	Warm white DALI			
	14 W	920	8°	6447
	14 W	920	26°	6449
	IP40 for optical assembly			
QR 111 (G53)	Dimmable electronic			
	50 W	12 V		4871
	75 W	12 V		4872
QT 12 ES (GY6,35)	Dimmable electronic			
	100 W	max 12 V	10°	4873
	100 W	max 12 V	32°	4874
	DALI			
	100 W	max 12 V	10°	4812
	100 W	max 12 V	32°	4813

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

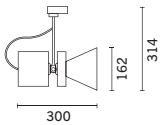
DALI spotlights are provided
with a special adapter and are only
compatible with iGuzzini DALI tracks

accessories

		code
	Refractor for elleptical distribution colour 24 clear transparent	9539
	Coloured filters no for LED colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	8782
	IR filter no for LED colour 24 clear transparent	8786
	Asymmetrical screen colour 01 white - 15 grey	9533

		code
	Directional flaps colour 04 black	9529
	Ceiling base Ceiling base DALI colour 01 white - 04 black	8773 MW30
	Recessed base Recessed base DALI colour 01 white - 04 black Hole for installation 108 mm	8902 MW31
	Cover for adapter IP40 colour 01 white - 04 black	6854

Le Perroquet spot



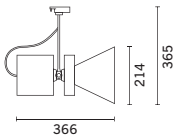
light source	W	optic	code
HIT-CE (G12)	Electronic		
	70 W	18°	**4826**
	70 W	40°	**4827**

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

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**9540**
Coloured filters colour 05 red - 06 yellow 09 sky blue	**9537**
UV filter colour 24 clear transparent	**9542**
Asymmetrical screen colour 01 white - 15 grey	**9534**
Spill-ring colour 04 black	**9513**

	code
Directional flaps colour 04 black	**9530**
Ceiling base colour 01 white - 04 black	**8773**
Recessed base colour 01 white - 04 black Hole for installation 108 mm	**8902**
Cover for adapter IP40 colour 01 white - 04 black	**6854**



light source	W	optic	code
HIT-CE (G12)	Electronic		
	70 W	13°	**4828**
	70 W	38°	**4829**
	150 W	13°	**4830**
	150 W	38°	**4831**

IP40 for optical assembly
Complete with safety glass, power factor correction capacitor and spill-ring

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**8795**
Coloured filters colour 05 red - 06 yellow 09 sky blue	**8784**
UV filter colour 24 clear transparent	**9543**

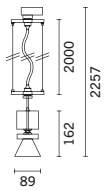
	code
Asymmetrical screen colour 01 white - 15 grey	**9535**
Directional flaps colour 04 black	**9531**
Cover for adapter IP40 colour 01 white - 04 black	**6854**

Colours

01
WHITE

74
GREY/BLACK

Le Perroquet track suspension



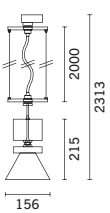
light source	W	code
QR CBC 51 (GU5,3)	Dimmable electronic	
	50 W 12 V	**3231**

Complete with suspension cables, track adapter and power cable.
Compatible with Decostar IRC OSRAM.

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**9538**
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**9536**
IR filter colour 24 clear transparent	**9541**
Asymmetrical screen colour 01 white - 15 grey	**9532**

	code
Directional flaps colour 04 black	**9528**
Ceiling base colour 01 white - 04 black	**8773**
Recessed base colour 01 white - 04 black Hole for installation 108 mm	**8902**
Cover for adapter IP40 colour 01 white - 04 black	**6854**



light source	W	code
QR 111 (G53)	Dimmable electronic	
	50 W 12 V	**3232**
	75 W 12 V	**3233**
	DALI	
	75 W 12 V	**3236**

Complete with suspension cables, track adapter and power cable.

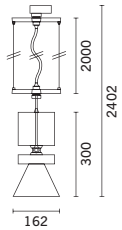
DALI spotlights are provided with a special adapter and are only compatible with iGuzzini DALI tracks

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**9539**
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**8782**
IR filter colour 24 clear transparent	**8786**
Asymmetrical screen colour 01 white - 15 grey	**9533**

	code
Directional flaps colour 04 black	**9529**
Ceiling base Ceiling base DALI colour 01 white - 04 black	**8773** **MW30**
Recessed base Recessed base DALI colour 01 white - 04 black Hole for installation 108 mm	**8902** **MW31**
Cover for adapter IP40 colour 01 white - 04 black	**6854**

Le Perroquet track suspension



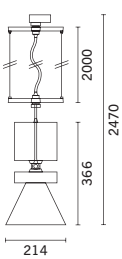
light source	W	optic	code
HIT-CE (G12)	Electronic		
	70 W	18°	**3252**
	70 W	40°	**3253**

IP40 for optical assembly
Complete with safety glass, power factor correction capacitor, suspension cables, track adapter and power cable.

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**9540**
Coloured filters colour 05 red - 06 yellow 09 sky blue	**9537**
UV filter colour 24 clear transparent	**9542**
Asymmetrical screen colour 01 white - 15 grey	**9534**
Spill ring colour 04 black	**9513**

	code
Directional flaps colour 04 black	**9530**
Ceiling base colour 01 white - 04 black	**8773**
Recessed base colour 01 white - 04 black Hole for installation 108 mm	**8902**
Cover for adapter IP40 colour 01 white - 04 black	**6854**



light source	W	optic	code
HIT-CE (G12)	Electronic		
	70 W	38°	**3268**
	150 W	38°	**3270**

IP40 for optical assembly
Complete with safety glass, spill-ring, power factor correction capacitor, suspension cables, rack adapter and power cable.

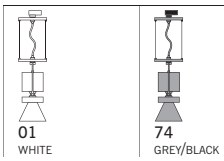
colour 74 grey/black

accessories

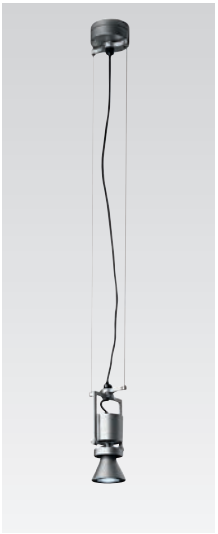
	code
Refractor for elleptical distribution colour 24 clear transparent	**8795**
Coloured filters colour 05 red - 06 yellow 09 sky blue	**8784**
UV filter colour 24 clear transparent	**9543**

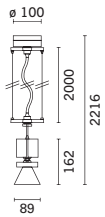
	code
Asymmetrical screen colour 15 grey	**9535**
Directional flaps colour 04 black	**9531**
Cover for adapter IP40 colour 01 white - 04 black	**6854**

Colours



Le Perroquet suspension with base





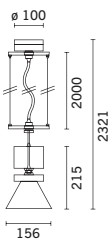
accessories

light source	W	code
QR CBC 51 (GU5,3)	Dimmable electronic	
	50 W 12 V	**3151**

Complete with suspension cables, base and power supply cable. Compatible with Decostar IRC OSRAM.

	code
Refractor for elleptical distribution colour 24 clear transparent	**9538**
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**9536**
IR filter colour 24 clear transparent	**9541**

	code
Asymmetrical screen colour 15 grey	**9532**
Directional flaps colour 04 black	**9528**



accessories

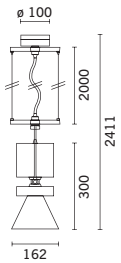
light source	W	code
QR 111 (G53)	Dimmable electronic	
	50 W 12 V	**3152**
	75 W 12 V	**3153**

Complete with suspension cables, base and power supply cable.

	code
Refractor for elleptical distribution colour 24 clear transparent	**9539**
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**8782**
IR filter colour 24 clear transparent	**8786**

	code
Asymmetrical screen colour 15 grey	**9533**
Directional flaps colour 04 black	**9529**

Le Perroquet suspension with base



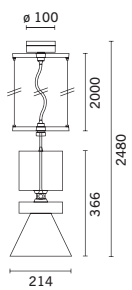
light source	W	optic	code
HIT-CE (G12)	Electronic		
	70 W	16°	**3160**
	70 W	40°	**3161**

IP40
Complete with safety glass,
power factor correction capacitor,
suspension cables, base and power cable.

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**9540**
Coloured filters colour 05 red - 06 yellow 09 sky blue	**9537**
UV filter colour 24 clear transparent	**9542**

	code
Spill ring colour 04 black	**9513**
Asymmetrical screen colour 15 grey	**9534**
Directional flaps colour 04 black	**9530**



light source	W	optic	code
HIT-CE (G12)	Electronic		
	70 W	38°	**3163**
	150 W	38°	**3179**

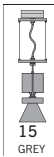
IP40
Complete with safety glass, spill-ring, power factor correction capacitor, suspension cables, rack adapter and power cable.

accessories

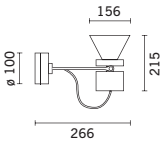
	code
Refractor for elleptical distribution colour 24 clear transparent	**8795**
Coloured filters colour 05 red - 06 yellow 09 sky blue	**8784**
UV filter colour 24 clear transparent	**9543**

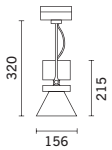
	code
Asymmetrical screen colour 15 grey	**9535**
Directional flaps colour 04 black	**9531**

Colours



Le Perroquet wall/ceiling





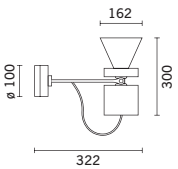
light source	W	optic	code
QR 111 (G53)	Dimmable electronic		
	50 W 12 V		**4900**
	75 W 12 V		**4901**
QT 12 ES (GY6,35)	Dimmable electronic		
	100 W max 12 V	10°	**4902**
	100 W max 12 V	32°	**4903**
	100 W max 12 V	52°	**4916**

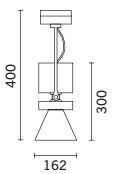
IP40
Complete with safety glass and spill-ring

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**9539**
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**8782**
IR filter colour 24 clear transparent	**8786**

	code
Asymmetrical screen colour 01 white - 15 grey	**9533**
Directional flaps colour 04 black	**9529**





light source	W	optic	code
HIT-CE (G12)	Electronic		
	70 W	18°	**4923**
	70 W	40°	**4924**

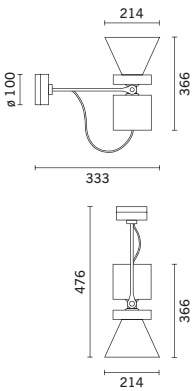
IP40
Complete with safety glass and power factor correction capacitor

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**9540**
Coloured filters colour 05 red - 06 yellow 09 sky blue	**9537**
UV filter colour 24 clear transparent	**9542**

	code
Spill ring colour 04 black	**9513**
Asymmetrical screen colour 01 white - 15 grey	**9534**
Directional flaps colour 04 black	**9530**

Le Perroquet wall/ceiling



light source	W	optic	code
HIT-CE (G12)	Electronic		
	70 W	13°	**4925**
	70 W	38°	**4926**
	150 W	13°	**4927**
	150 W	38°	**4928**

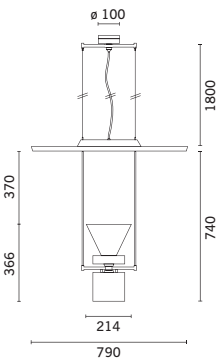
IP40
Complete with safety glass, power factor correction capacitor and spill-ring

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**8795**
Coloured filters colour 05 red - 06 yellow 09 sky blue	**8784**
UV filter colour 24 clear transparent	**9543**

	code
Asymmetrical screen colour 01 white - 15 grey	**9535**
Directional flaps colour 04 black	**9531**

Le Perroquet indirect light



light source	W	code
HIT-CE (G12)	Electronic	
	150 W	**3150**

Equipped with safety glass, power factor correction capacitor, flux conveyor, suspension cables, base and power supply cable.

colour 15 grey

accessories

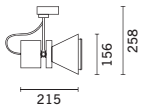
	code
Coloured filters colour 05 red - 06 yellow 09 sky blue	**8784**

Colours

01
WHITE

15
GREY

Le Perroquet professional



light source	W	optic	code
QR 111 (G53)	Dimmable electronic		
	75 W 12 V		**4832**
QT 12 ES (GY6,35)	Dimmable electronic		
	100 W max 12 V	10°	**4833**
	100 W max 12 V	32°	**4834**

IP40 for optical assembly
Complete with safety glass

accessories

	code
Refractor for elleptical distribution for 4832-4833 colour 24 clear transparent	**9539**
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**8782**
IR filter colour 24 clear transparent	**8786**
Louvre colour 04 black	**2914**
Directional flaps colour 04 black	**2915**

	code
Asymmetrical screen colour 47 white/black 74 grey/black	**2916**
Antiglare screen colour 47 white/black 74 grey/black	**2917**
Ceiling base colour 01 white - 04 black	**8773**
Recessed base colour 01 white - 04 black Hole for installation 108 mm	**8902**
Cover for adapter IP40 colour 01 white - 04 black	**6854**

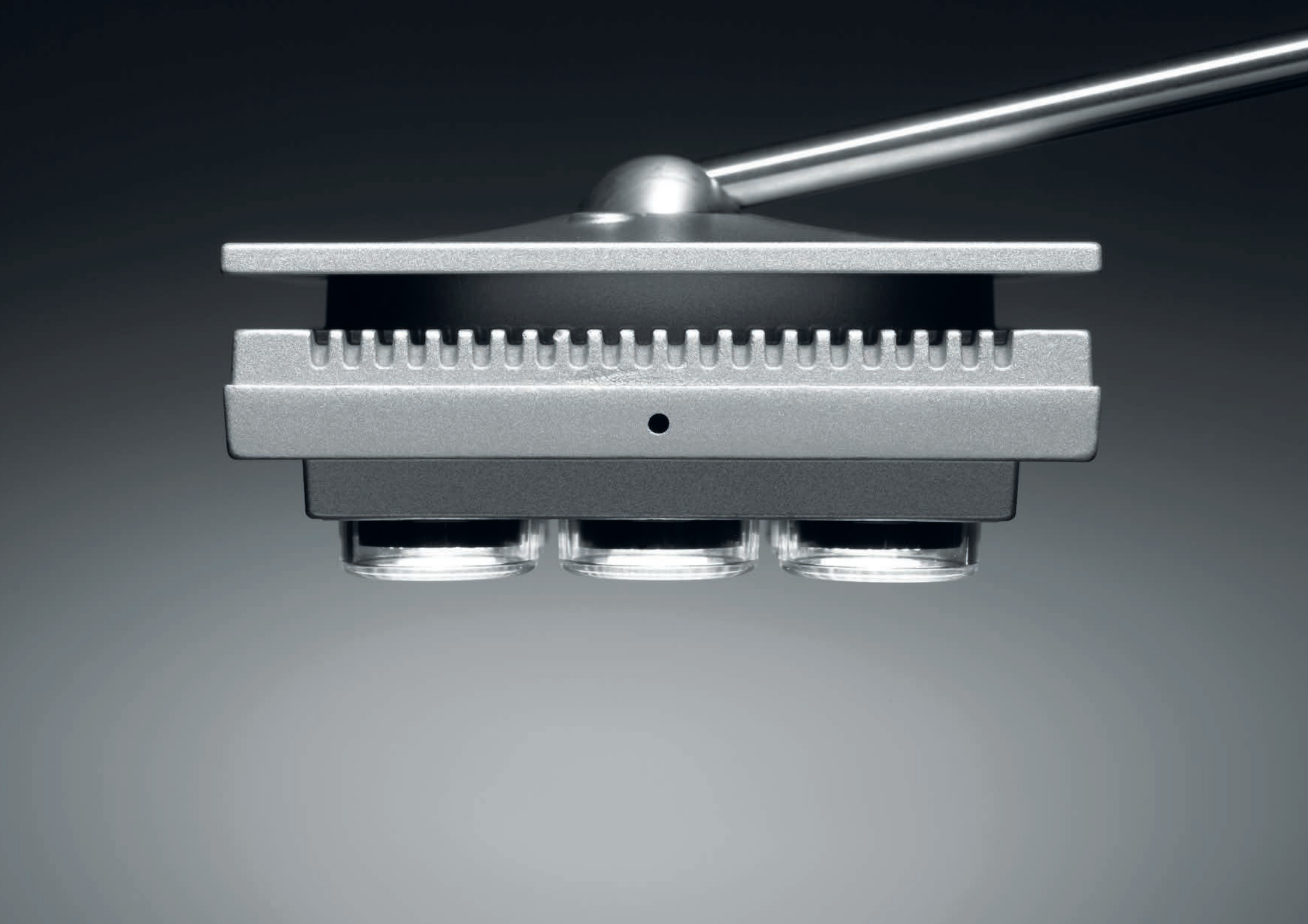
San Pio Sanctuary, San Giovanni Rotondo - Foggia, Italy

Architectural project: Renzo Piano Building Workshop - Lighting project: Renzo Piano Building Workshop
Photo: Giuseppe Saluzzi

Colours

01
WHITE

74
GREY/BLACK



Primopiano

design Piano Design

iF Design Award

Primopiano professional

Primopiano professional wall washer

Primopiano wall washer

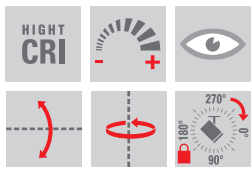
Primopiano

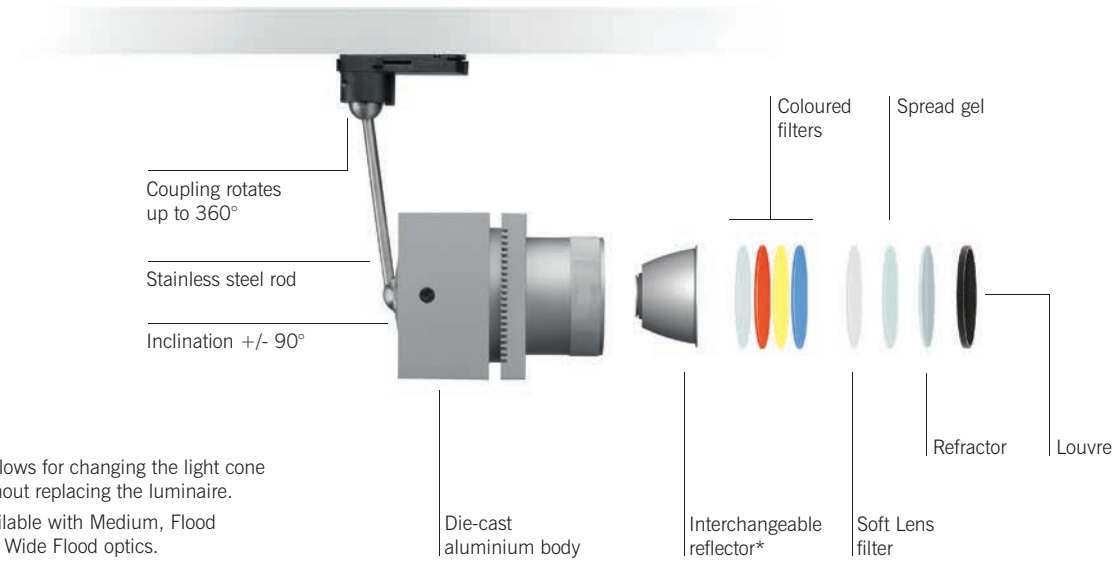
Primopiano professional

Features

IP20

- Installation on mains voltage track.
- Body in die-cast aluminium and stainless steel rod.
- Spotlight complete with local manually dimmable electronic control gear.
- Interchangeable reflector in superpure aluminium.
- High IRC LED lamps versions with passive heat dissipation.





* It allows for changing the light cone without replacing the luminaire.
Available with Medium, Flood and Wide Flood optics.

Primopiano professional

Photometric values

M - Medium

F - Flood

WF - Wide-Flood

E - Elliptical**

		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	22W - 26W	2	0,9	-	600	1	0,8	-	1104	1	1,2	-	556	2	1,1	0,4	475
		4	1,7	-	150	2	1,6	-	276	2	2,3	-	139	4	2,3	0,8	119
		6	2,6	-	67	3	2,4	-	123	3	3,5	-	62	6	3,4	1,3	53
		8	3,4	-	37	4	3,2	-	69	4	4,6	-	35	8	4,6	1,7	30

** The Elliptical optic is obtained by fitting the appropriate accessory.
For photometric data, see catalog.iguzzini.com

CRI Color Rendering Index

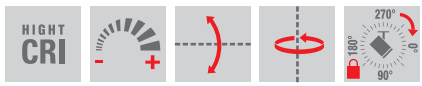
Primopiano professional has a colour rendering index of CRI>95 which means that the spectrum of light emitted can optimise the visual perception of colours.
This is an essential requirement for lighting works of art.

Primopiano professional wall washer

Features

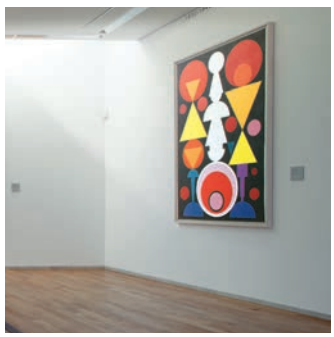
IP20

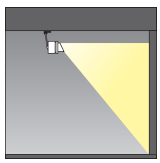
- Installation on mains voltage track.
- Body in die-cast aluminium and stainless steel rod.
- Complete with wall washer asymmetrical screen.
- Spotlight complete with local manually dimmable electronic control gear.
- Interchangeable reflector in superpure aluminium.
- High IRC LED lamps versions with passive heat dissipation.



CRI Color Rendering Index

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.





Primopiano wall washer

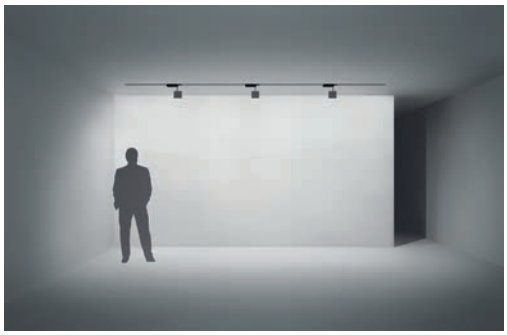
Features

IP20

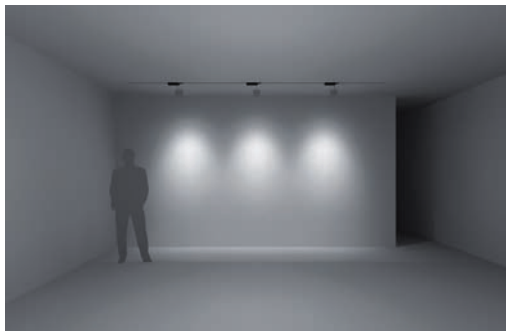
- Installation on mains voltage track and DALI.
- Body in die-cast aluminium, power box in thermoplastic material and stainless steel rod.
- Spotlight complete with local manually dimmable electronic control gear.
- Models with high IRC LED circuit with wall washer emission.
- Passive heat dissipation.

Light distribution

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



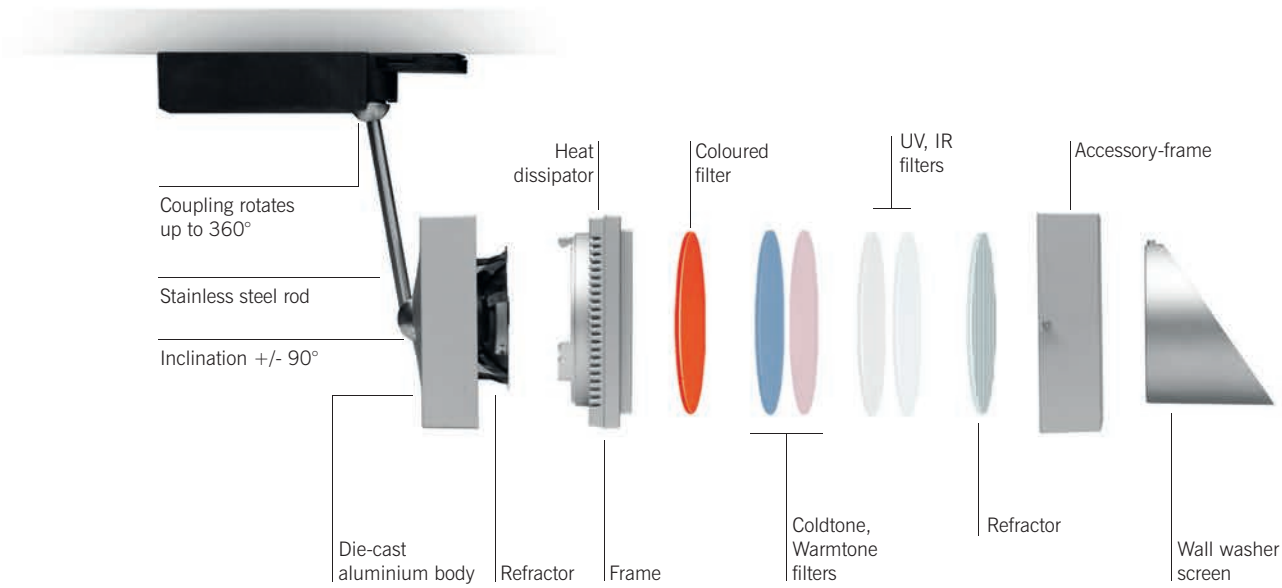
Traditional Wall Washer

Primopiano

Features

IP20

- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Die-cast aluminium and thermoplastic material.
- Reflectors made of ultrapure mirrored aluminium.
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.



Primopiano

Photometric values

S - Spot

M - Medium

F - Flood

E - Elliptical**

WW - Wall Washer**

		S - Spot				M - Medium				F - Flood				E - Elliptical**				WW - Wall Washer**			
		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	14W - 22W	2	0,4	-	2416	2	0,9	-	600	2	1,3	-	329	1	0,8	0,6	781				
		4	0,8	-	604	4	1,7	-	150	4	2,6	-	82	2	1,6	1,2	195				
		6	1,3	-	268	6	2,6	-	67	6	3,9	-	37	3	2,4	1,8	87				
		8	1,7	-	151	8	3,4	-	37	8	5,2	-	21	4	3,2	2,4	49				
QT 12 GY6,35	50W - 75W	2	0,4	-	1299	2	0,4	-	1299	1	0,6	-	700	2	1,1	0,5	379	2	1,1	0,5	379
		4	0,8	-	325	4	0,8	-	325	2	1,3	-	175	4	2,3	1	95	4	2,3	1	95
		6	1,3	-	144	6	1,3	-	144	3	1,9	-	78	6	3,4	1,5	42	6	3,4	1,5	42
		8	1,7	-	81	8	1,7	-	81	4	2,6	-	44	8	4,6	2	24	8	4,6	2	24
HIT-CE PGJ5	20W - 35W	2	0,5	-	1008					1	1	-	491	2	1,2	0,6	338	2	1,2	0,6	338
		4	1	-	252					2	2	-	123	4	2,4	1,1	84	4	2,4	1,1	84
		6	1,5	-	112					3	3,1	-	55	6	3,7	1,7	38	6	3,7	1,7	38
		8	2	-	63					4	4,1	-	31	8	4,9	2,2	21	8	4,9	2,2	21
HIT-TC-CE G8,5	35W - 50W - 70W	2	0,6	-	947	2	0,6	-	947	1	0,9	-	636	1	0,9	0,7	482				
		4	1,1	-	237	4	1,1	-	237	2	1,9	-	159	2	1,8	1,5	121				
		6	1,7	-	105	6	1,7	-	105	3	2,8	-	71	3	2,7	2,2	54				
		8	2,2	-	59	8	2,2	-	59	4	3,7	-	40	4	3,6	2,9	30				

** Elliptical and Wall Washer optics are obtained by installing the respective accessories.
For photometric data, see catalog.iguzzini.com

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.

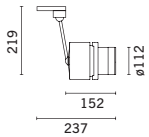
LED CRI 75
Bright light to valorise items in boutiques and stores.

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.

Primopiano

Professional



light source	W	Lm	optic	code
LED	Neutral white dimmable - CRI 85			
	23 W	2300	24°	**ML07**
	23 W	2300	44°	**ML08**
	23 W	2300	60°	**ML09**
	Warm white dimmable - CRI 85			
	23 W	2300	24°	**ML11**
	23 W	2300	44°	**ML12**
	23 W	2300	60°	**ML13**
	Warm white dimmable - CRI>95			
	22 W	1000	24°	**MJ37**
	22 W	1000	44°	**MJ38**
	22 W	1000	60°	**MJ39**

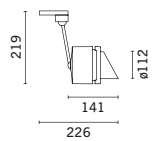
colour 01 white - 74 grey/black

accessories

	code
Refractor for elleptical distribution 55°x70° colour 24 clear transparent	**MWE6**
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**MWE7**
“Soft Lens” filter colour 24 clear transparent	**MXG0**
Filtro 75°x45° spread gel colour 24 clear transparent	**MX74**
Louvre colour 04 black	**MX75**

	code
Interchangeable reflectors	
medium	**MX77**
flood	**MX78**
wide flood	**MX79**
colour 12 alluminium	
Ceiling base colour 01 white - 04 black	**8773**
Recessed base colour 01 white - 04 black Hole for installation 108 mm	**8902**
Cover for adapter IP40 colour 01 white - 04 black	**6854**

Professional wall washer



light source	W	Lm	code
LED	Neutral white dimmable - CRI 85 Complete with lens		
	23 W	2300	**ML10**
	Warm white dimmable - CRI 85 Complete with lens		
	23 W	2300	**ML14**
	Warm white dimmable - CRI>95		
	22 W	1000	**MK94**

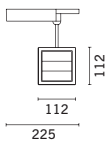
colour 01 white - 74 grey/black

accessories

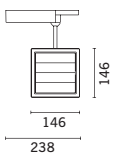
	code
Ceiling base colour 01 white - 04 black	**8773**
Recessed base colour 01 white - 04 black Hole for installation 108 mm	**8902**

	code
Cover for adapter IP40 colour 01 white - 04 black	**6854**

Wall washer

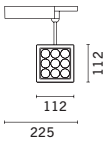


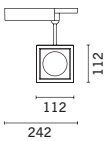
light source	W	Lm	code
LED	Neutral white dimmable - CRI 85		
	13 W	1220	**MJ40**
	Warm white dimmable - CRI 85		
	13 W	1220	**MJ42**
	Neutral white DALI - CRI 85		
	13 W	1220	**MJ41**
	Warm white DALI - CRI 85		
	13 W	1220	**MJ43**



light source	W	Lm	code
LED	Neutral white dimmable - CRI 85		
	22 W	2150	**MJ44**
	Warm white dimmable - CRI 85		
	22 W	2150	**MJ46**
	Neutral white DALI - CRI 85		
	22 W	2150	**MJ45**
	Warm white DALI - CRI 85		
	22 W	2150	**MJ47**

Primopiano





light source	W	Lm	optic	code
LED	Neutral white - CRI 75			
	15 W	1010	12°	M642
	15 W	1010	32°	M643
	Warm white - CRI 80			
	15 W	880	12°	M529
	15 W	880	32°	M530
	Warm white - CRI 90			
	14 W	720	12°	M640
	14 W	720	32°	M641
	Neutral white DALI - CRI 75			
	15 W	1010	12°	M646
	15 W	1010	32°	M647
	Warm white DALI - CRI 80			
	15 W	880	12°	M531
	15 W	880	32°	M532
	Warm white DALI - CRI 90			
	14 W	720	12°	M644
	14 W	720	32°	M645
QT 12 ES (GY6,35)	Dimmable electronic			
	75 W max 12 V		12°	M521
	75 W max 12 V		36°	M522
	DALI			
	75 W max 12 V		12°	M523
	75 W max 12 V		36°	M524
HIT-CE (PGJ5)	Electronic			
	20 W		14°	M517
	20 W		52°	M518
	35 W		14°	M519
	35 W		54°	M520

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

accessories

	code
Refractor for elleptical distribution for LED version colour 24 clear transparent	MWD7
Refractor for elleptical distribution no for LED colour 24 clear transparent	MWD6
Coloured filters for M517-M518-M521 M522-M523-M524 colour 05 red - 06 yellow 09 sky blue	8783
IR filter for M517-M518-M521 M522-M523-M524 (QT 12 ES Max 50 W) colour 24 clear transparent	8787
UV filter no for LED colour 24 clear transparent	6898
Warmtone filter for M517-M518-M521 M522-M523-M524 colour 24 clear transparent	MWE0
Coldtone filter for M517-M518-M521 M522-M523-M524 colour 24 clear transparent	MWE1

	code
Wall washer screen with diffusing filter no for LED colour 01 white 04 black - 15 grey	MWD4
Accessory-frame for LED version colour 01 white 04 black - 15 grey	MWD2
Accessory-frame no for LED colour 01 white 04 black - 15 grey Max 2 accessories	MWD0
Cover for adapter IP40 colour 01 white - 04 black	6854

Accessories must be installed with accessory-frame

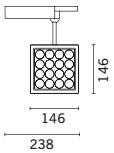
Colours

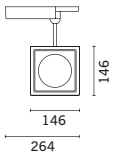
01
WHITE

04
BLACK

74
GREY/BLACK

Primopiano





light source	W	Lm	optic	code
LED	Neutral white - CRI 75			
	26 W	1770	12°	**M650**
	26 W	1770	32°	**M651**
	Warm white - CRI 80			
	26 W	1530	12°	**M533**
	26 W	1530	32°	**M534**
	Warm white - CRI 90			
	25 W	1280	12°	**M648**
	25 W	1280	32°	**M649**
	Neutral white DALI - CRI 75			
	26 W	1770	12°	**M654**
	26 W	1770	32°	**M655**
	Warm white DALI - CRI 80			
	26 W	1530	12°	**M535**
	26 W	1530	32°	**M536**
	Warm white DALI - CRI 90			
	25 W	1280	12°	**M652**
	25 W	1280	32°	**M653**
HIT-TC-CE (G8,5)	Electronic			
	35 W		16°	**M525**
	35 W		46°	**M526**
	50 W		16°	**MH91**
	50 W		46°	**MH92**
	70 W		16°	**M527**
	70 W		50°	**M528**

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

accessories

	code
Refractor for elleptical distribution for LED version colour 24 clear transparent	**MWD8**
Refractor for elleptical distribution no for LED colour 24 clear transparent	**1192**
Coloured filters no for LED colour 05 red - 06 yellow 09 sky blue	**9537**
IR filter no for LED colour 24 clear transparent	**MW35**
UV filter no for LED colour 24 clear transparent	**4498**
Warmtone filter no for LED colour 24 clear transparent	**MW38**
Coldtone filter no for LED colour 24 clear transparent	**MW41**

	code
Wall washer screen with diffusing filter no for LED colour 01 white 04 black - 15 grey	**MWD5**
Accessory-frame for LED version colour 01 white 04 black - 15 grey	**MWD3**
Accessory-frame for LED version colour 01 white 04 black - 15 grey Max 2 accessories	**MWD1**
Cover for adapter IP40 colour 01 white - 04 black	**6854**

Accessories must be installed with accessory-frame

'Luca Signorelli. De ingegno et spirto pelegrino' show. Galleria Nazionale dell'Umbria Perugia, Italy
Photo: Luca Petrucci

Colours

01 WHITE
04 BLACK
74 GREY/BLACK

Parallel

design Bruno Gecchelin

"Es Baluard" by Pedro Serra, contemporary art exhibition - Palma de Mallorca, Spain

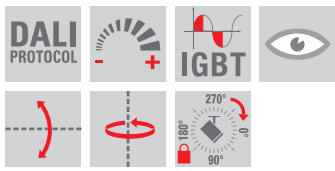
Architectural project: Luis and Jaime García Ruiz, Vicente Tomàs, Ángel - Photo: José Hevia Blach

Parallel square

Features

IP20 (IP40 with optional glass)

- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Die-cast aluminium and thermoplastic material.
- Reflectors made of ultrapure mirrored aluminium.
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.
- 340° rotation around the vertical axis and 90° in relation to the horizontal plane.



Photometric values

S - Spot

M - Medium

F - Flood

E - Elliptical**

		S - Spot				M - Medium				F - Flood				E - Elliptical**			
		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	8,3W	2	0,3	-	3579	2	0,8	-	561					1	0,7	0,4	980
		4	0,6	-	895	4	1,6	-	140					2	1,4	0,8	245
		6	0,8	-	398	6	2,3	-	62					3	2,1	1,2	109
		8	1,1	-	224	8	3,1	-	35					4	2,8	1,6	61
QT 12 GY6,35	100W	2	0,2	-	4934									2	1,3	0,3	649
		4	0,4	-	1234									4	2,6	0,6	162
		6	0,6	-	548									6	3,9	0,8	72
		8	0,8	-	308									8	5,2	1,1	41
HIT-TC-CE G8,5	35W - 70W	2	0,4	-	1251					1	0,7	-	532	2	1,2	0,6	349
		4	0,8	-	313					2	1,5	-	133	4	2,4	1,1	87
		6	1,3	-	139					3	2,2	-	59	6	3,7	1,7	39
		8	1,7	-	78					4	2,9	-	33	8	4,9	2,2	22

** The Elliptical optic is obtained by fitting the appropriate accessory.
For photometric data, see catalog.iguzzini.com

Visual comfort

Spill-ring

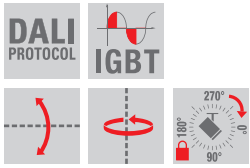
Antiglare screen

Parallel rectangular

Features

IP20 (IP40 with optional glass)

- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Die-cast aluminium and thermoplastic material.
- Reflectors made of ultrapure mirrored aluminium
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.
- 340° rotation around the vertical axis and 90° in relation to the horizontal plane.



Photometric values

F - Flood

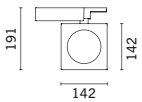
		h	d1	d2	Em
HIT-DE Rx7s	70W - 150W	1	1,5	2,1	245
		2	2,9	4,3	61
		3	4,4	6,4	27
		4	5,8	8,6	15
QT-DE 12 R7s	150W - 200W - 300W	1	1,7	2	249
		2	3,4	3,9	62
		3	5	5,9	28
		4	6,7	7,9	16

Visual comfort

Directional flaps

Asymmetrical screen

Parallel square



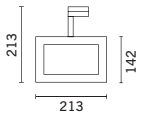
light source	W	Lm	optic	code
LED	Neutral white			
	8,3 W	640	8°	**4843**
	8,3 W	640	22°	**4845**
	Warm white			
	8,3 W	550	8°	**4844**
	8,3 W	550	22°	**4846**
	Neutral white DALI			
	8,3 W	640	8°	**4847**
	8,3 W	640	22°	**4849**
	Warm white DALI			
	8,3 W	550	8°	**4848**
	8,3 W	550	22°	**4899**
QT 12 ES (GY6,35)	Dimmable electronic			
	100 W	max 12 V	6°	**4810**
	100 W	max 12 V	40°	**4811**
	Complete with safety glass			
HIT-TC-CE (G8,5)	Electronic			
	35 W		12°	**4802**
	35 W		40°	**4803**
	50 W		12°	**MH89**
	50 W		40°	**MH90**
	70 W		14°	**4804**
	70 W		40°	**4805**
	Complete with safety glass			
	IP40 for optical assembly colour 01 white - 15 grey			
	DALI spotlights are provided with a special adapter and are only compatible with iGuzzini DALI tracks.			

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**9539**
Spill-ring for 4803-4805-MH90 colour 04 black	**9849**

	code
Coloured filters no for LED colour 05 red - 06 yellow 09 sky blue	**8782**
Cover for adapter IP40 colour 01 white - 04 black	**6854**

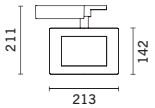
Parallel rectangular



light source	W	optic	code
QT-DE 12 ES (R7s)	150/200/300 W max	80/88°	**4818**

IP40 for optical assembly
Complete with safety glass

colour 01 white - 74 grey/black



light source		W	optic	code
HIT-DE-CE (Rx7s)	Electronic			
		70 W	72/94°	**4814**
		150 W	72/94	**4815**

IP40 for optical assembly
Complete with safety glass

colour 01 white - 15 grey

accessories

UV filter **9889**
colour 24 clear transparent

Directional flaps **9887**
colour 04 black

Asymmetrical screen **9888**
colour 04 black

Ceiling base **8773**
for 4818
colour 01 white - 04 black

Recessed base **8902**
for 4818
colour 01 white - 04 black
Hole for installation 108 mm

Cover for adapter IP40 **6854**
colour 01 white - 04 black

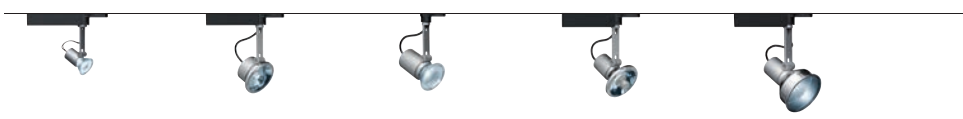
Colours

01
WHITE

15
GREY

74
GREY/BLACK

Lumen



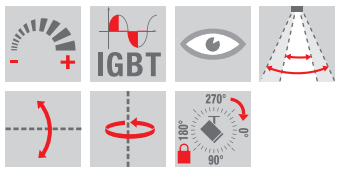
Uffizi Gallery, Foreign Artists Hall - Florence, Italy

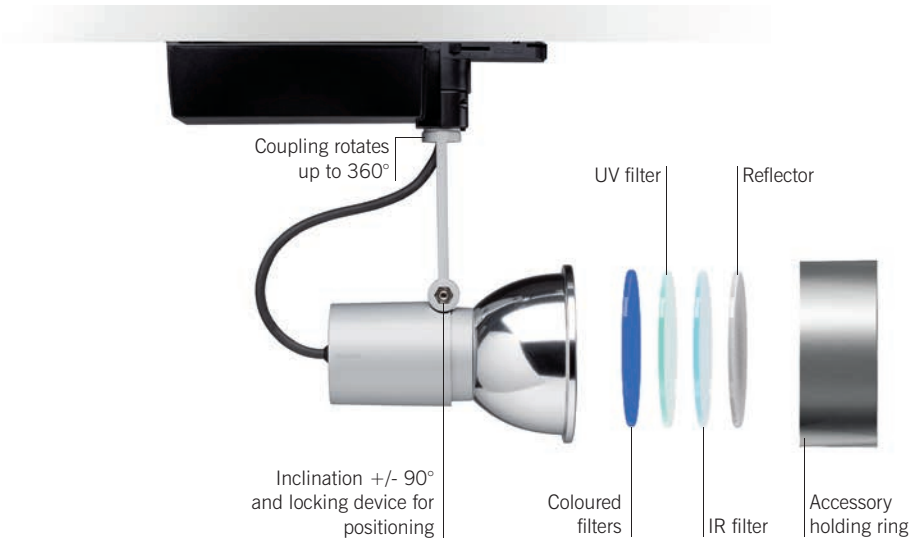
Lumen

Features

IP20 (IP40 versions with removable reflector)

- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Die-cast aluminium and thermoplastic material.
- Reflectors made of ultrapure mirrored aluminium.
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.





Visual comfort

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

No tools necessary for reflector installation

Lumen

Photometric values

S - Spot

M - Medium

F - Flood

WF - Wide-Flood

E - Elliptical**

		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
QR-CBC 51* GU5,3	50W	2	0,3	-	2530	2	0,7	-	909	2	1,4	-	462	1	1,1	-	792	2	1,5	0,5	450
		4	0,7	-	632	4	1,4	-	227	4	2,8	-	115	2	2,2	-	198	4	2,9	1	112
		6	1	-	281	6	2,1	-	101	6	4,1	-	51	3	3,3	-	88	6	4,4	1,5	50
		8	1,4	-	158	8	2,8	-	57	8	5,5	-	29	4	4,4	-	49	8	5,8	2	28
QR 111* G53	100W	2	0,2	-	9050	2	0,8	-	1691	2	1,7	-	573								
		4	0,4	-	2263	4	1,6	-	423	4	3,4	-	143								
		6	0,6	-	1006	6	2,3	-	188	6	5,1	-	64								
		8	0,8	-	566	8	3,1	-	106	8	6,8	-	36								
PAR 30S* E27	100W	2	0,3	-	1691					2	0,9	-	601								
		4	0,6	-	423					4	1,8	-	150								
		6	0,8	-	188					6	2,8	-	67								
		8	1,1	-	106					8	3,7	-	38								
HIR-111-CE* GX8,5	70W	2	0,3	-	10845	2	0,8	-	2769	2	1,3	-	1548								
		4	0,7	-	2711	4	1,6	-	692	4	2,6	-	387								
		6	1	-	1205	6	2,3	-	308	6	3,9	-	172								
		8	1,4	-	678	8	3,1	-	173	8	5,2	-	97								
HIT-TC-CE G8,5	35W - 70W	2	0,5	-	1422	2	0,6	-	1312	1	0,8	-	744	1	0,8	-	735	1	1	0,8	497
		4	1	-	355	4	1,1	-	328	2	1,6	-	186	2	1,7	-	184	2	2	1,7	124
		6	1,5	-	158	6	1,7	-	146	3	2,4	-	83	3	2,5	-	82	3	2,9	2,5	55
		8	2	-	89	8	2,2	-	82	4	3,2	-	47	4	3,4	-	46	4	3,9	3,4	31
HIT-CE G12	70W - 150W	2	0,5	-	1040	2	0,5	-	1206	1	0,6	-	862					2	1,5	0,6	344
		4	1	-	260	4	1	-	301	2	1,3	-	216					4	2,9	1,1	86
		6	1,5	-	116	6	1,5	-	134	3	1,9	-	96					6	4,4	1,7	38
		8	2	-	65	8	2	-	75	4	2,6	-	54					8	5,8	2,2	22

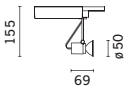
* The values shown refer to actual Lux

** The Elliptical optic is obtained by fitting the appropriate accessory.
For photometric data, see catalog.iguzzini.com

High efficiency

The high efficiency reflector was designed above all to light commercial premises. It allows a reduction in the number of luminaires installed, while still guaranteeing the optimum lighting level. This means a reduction in costs and energy consumption.

Lumen



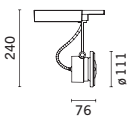
accessories

light source	W	optic	code
QR CBC 51 (GU5,3)	Dimmable electronic 50 W 12 V		6384

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.

	code
Refractor for elleptical distribution colour 24 clear transparent	9425
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	9405
IR filter colour 24 clear transparent	9415
UV filter colour 24 clear transparent	9433

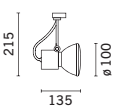
	code
Accessory holding ring colour 01 white 04 black - 15 grey	9490
Adaptor for accessory-holder ring colour 12 alluminium	9448
Cover for adapter IP40 colour 01 white - 04 black	6854



accessories

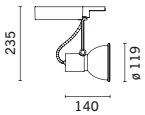
light source	W	code
QR 111 (G53)	Dimmable electronic 100 W 12 V	6391

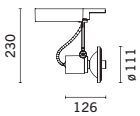
	code
Cover for adapter IP40 colour 01 white - 04 black	6854

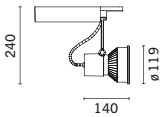


light source	W	code
PAR 30S (E27)	100 W	6424

Lumen







light source	W	optic	code
HIT-TC-CE (G8,5)	Electronic **High-efficiency reflector**		
	35 W	16°	**M220**
	35 W	46°	**M221**
	70 W	14°	**6387**
	70 W	46°	**M223**

IP40 for optical assembly
We advise against the use of accessories so as to leave the LOR unchanged.

light source	W	code
HIR-111-CE (GX8,5)	Electronic	
	35 W	**6390**
	70 W	**6389**

light source	W	optic	code
HIT-CE (G12)	Electronic		
	70 W	14°	**6392**
	70 W	36°	**6393**
	150 W	14°	**6394**
	150 W	36°	**6395**

IP40 for optical assembly

accessories

	code
Refractor for elleptical distribution for HIT-CE colour 24 clear transparent	**9463**
Coloured filters for HIT-CE colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**8782**
IR filter for HIT-CE colour 24 clear transparent	**8786**
UV filter for HIT-CE colour 24 clear transparent	**9435**

	code
Accessory holding ring for HIT-CE colour 01 white 04 black - 15 grey	**9491**
Cover for adapter IP40 colour 01 white - 04 black	**6854**

Colours

01 WHITE	04 BLACK	74 GREY/BLACK

Trimmer

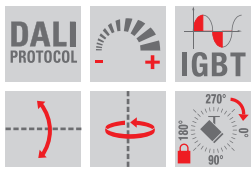
design G. Aulenti - P. Castiglioni

Trimmer

Features

IP20

- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Die-cast aluminium and thermoplastic material.
- Reflectors made of ultrapure mirrored aluminium
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.
- 340° rotation around the vertical axis and 100° in relation to the horizontal plane.



Photometric values

S - Spot

M - Medium

F - Flood

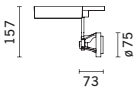
E - Elliptical**

		S h	S d1	S d2	S Em	M h	M d1	M d2	M Em	F h	F d1	F d2	F Em	E h	E d1	E d2	E Em
QR-CBC 51* GU5,3	50W	2	0,3	-	2530	2	0,7	-	909	2	1,4	-	462	2	1,2	0,5	468
		4	0,7	-	632	4	1,4	-	227	4	2,8	-	115	4	2,4	1,1	117
		6	1	-	281	6	2,1	-	101	6	4,1	-	51	6	3,7	1,6	52
		8	1,4	-	158	8	2,8	-	57	8	5,5	-	29	8	4,9	2,1	29
QR 111* G53	100W	2	0,2	-	9050	2	0,8	-	1691	2	1,7	-	573				
		4	0,4	-	2263	4	1,6	-	423	4	3,4	-	143				
		6	0,6	-	1006	6	2,3	-	188	6	5,1	-	64				
		8	0,8	-	566	8	3,1	-	106	8	6,8	-	36				
PAR 30S* E27	75W	2	0,3	-	1232					2	0,9	-	394				
		4	0,6	-	308					4	1,8	-	99				
		6	0,8	-	137					6	2,8	-	44				
		8	1,1	-	77					8	3,7	-	25				
HIT-CE G12	70W									2	0,9	-	384				
										4	1,8	-	96				
										6	2,8	-	43				
										8	3,7	-	24				

* The values shown refer to actual Lux

** The Elliptical optic is obtained by fitting the appropriate accessory.
For photometric data, see catalog.iguzzini.com

Trimmer

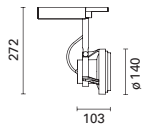


accessories

light source	W	code
QR CBC 51 (GU5,3)	Dimmable electronic	
	50 W 12 V	**2720**
	colour 01 white - 04 black - 15 grey	

	code
Refractor for elleptical distribution colour 24 clear transparent	**8673**
Coloured filters colour 05 red - 06 yellow 09 sky blue - 65 nitric	**8658**

	code
Cover for adapter IP40 colour 01 white - 04 black	**6854**

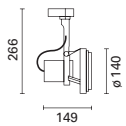


accessories

light source	W	code
QR 111 (G53)	Dimmable electronic	
	50 W 12 V	**2721**
	DALI	
	75/100 W 12 V	**6426**
	colour 01 white - 04 black - 15 grey	
	DALI spotlights are provided with a special adapter and are only compatible with iGuzzini DALI tracks.	

	code
Cover for adapter IP40 colour 01 white - 04 black	**6854**

	code
Ceiling base for PAR 30S colour 01 white - 04 black	**8773**
Recessed base for PAR 30S colour 01 white - 04 black Hole for installation 108 mm	**8902**



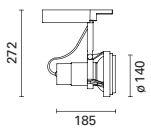
light source	W		code
PAR 30S (E27)	75 W		**8577**
	colour 01 white - 04 black - 74 grey/black		

accessories

light source	W	optic	code
HIT-CE (G12)	Electronic		
	70 W	22°	**2722**
	70 W	26°	**2723**
	colour 01 white - 04 black - 15 grey		

	code
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent 65 nitric	**8782**

	code
Cover for adapter IP40 colour 01 white - 04 black	**6854**



Colours

01 WHITE
04 BLACK
15 GREY
74 GREY/BLACK

Metro

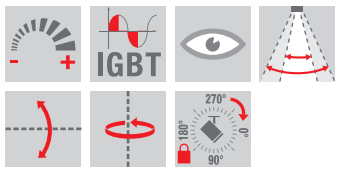
design Bruno Gecchelin

Metro

Features

IP20 (IP40 with optional glass)

- Installation on three-phase/DALI track and on a ceiling-mounted base.
- Die-cast aluminium and thermoplastic material.
- Reflectors made of ultrapure mirrored aluminium.
- The luminaires include a dimmable electronic transformer and are made using IGBT technology.
- 340° rotation around the vertical axis and 100° in relation to the horizontal plane.



Photometric values

S - Spot

M - Medium

F - Flood

E - Elliptical**

		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
QR-CBC 51* GU5,3	50W	2	0,3	-	2530	2	0,7	-	909	2	1,4	-	462				
		4	0,7	-	632	4	1,4	-	227	4	2,8	-	115				
		6	1	-	281	6	2,1	-	101	6	4,1	-	51				
		8	1,4	-	158	8	2,8	-	57	8	5,5	-	29				
QR 111* G53	100W	2	0,2	-	9050	2	0,8	-	1691	2	1,7	-	573				
		4	0,4	-	2263	4	1,6	-	423	4	3,4	-	143				
		6	0,6	-	1006	6	2,3	-	188	6	5,1	-	64				
		8	0,8	-	566	8	3,1	-	106	8	6,8	-	36				
PAR 30S* E27	100W	2	0,3	-	1690					2	0,9	-	601				
		4	0,6	-	423					4	1,8	-	150				
		6	0,8	-	188					6	2,8	-	67				
		8	1,1	-	106					8	3,7	-	38				
HIT-TC-CE G8,5	35W - 70W	2	0,4	-	1604					1	0,5	-	1002	1	0,9	0,4	827
		4	0,8	-	401					2	1,1	-	250	2	1,8	0,7	207
		6	1,3	-	178					3	1,6	-	111	3	2,7	1,1	92
		8	1,7	-	100					4	2,1	-	63	4	3,6	1,4	52
HIT-CE G12	70W - 150W	2	0,4	-	1003					1	0,7	-	800	1	1,1	0,3	907
		4	0,8	-	251					2	1,4	-	200	2	2,1	0,7	227
		6	1,3	-	111					3	2,1	-	89	3	3,2	1	101
		8	1,7	-	63					4	2,8	-	50	4	4,3	1,3	57

* The values shown refer to actual Lux

** The Elliptical optic is obtained by fitting the appropriate accessory.
For photometric data, see catalog.iguzzini.com

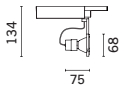
High efficiency

The high efficiency reflector was designed above all to light commercial premises. It allows a reduction in the number of luminaires installed, while still guaranteeing the optimum lighting level. This means a reduction in costs and energy consumption.

Egyptian Museum - Berlin, Germany
Architectural project: Hilmer & Sattler und Albrecht, Gesellschaft von
Lighting project: LichtVision GmbH, Carla Wilkins - Photo: Jurgen Lippe

Metro

accessories



light source	W	code
QR CBC 51 (GU5,3)	Dimmable electronic 50 W 12 V	**4876**

Refractor for elleptical distribution **8673**
colour 24 clear transparent

Coloured filters **8658**
colour 05 red - 06 yellow
09 sky blue - 24 clear transparent
65 nitric

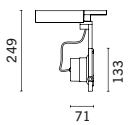
IR filter **8785**
colour 24 clear transparent

Accessory holding ring **8778**
colour 01 white - 04 black

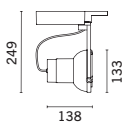
Cover for adapter IP40 **6854**
colour 01 white - 04 black

Accessories must be installed with accessory-holder ring

accessories



light source	W	optic	code
QR 111 (G53)	Dimmable electronic 100 W 12 V		**4877**



HIT-TC-CE (G8,5)			
	Electronic		
	35 W	12°	**4881**
	35 W	34°	**4882**
	70 W	14°	**4883**
	70 W	30°	**4884**
	Electronic High-efficiency reflector		
	35 W	12°	**M216**
	35 W	30°	**M217**
	70 W	14°	**M218**
	70 W	30°	**M219**

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

Refractor for elleptical distribution **8791**
for 4881-4883
colour 24 clear transparent

Coloured filters **8782**
for 4877-4881-4882-4883-4884
colour 05 red - 06 yellow
09 sky blue - 24 clear transparent
65 nitric

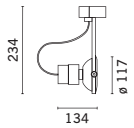
IR filter **8786**
for 4877-4881-4882
4883-4884
colour 24 clear transparent

Accessory holding ring **8779**
for 4877-4881-4882
4883-4884
colour 01 white - 04 black

Cover for adapter IP40 **6854**
colour 01 white - 04 black

Accessories must be installed with accessory-holder ring

Metro



light source	W	code
PAR 30S (E27)	100 W	**4878**

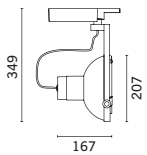
Lamps with max 75W can only be used with accessories

accessories

	code
Refractor for elleptical distribution colour 24 clear transparent	**8793**
Coloured filters colour 05 red - 06 yellow 09 sky blue - 65 nitric	**8783**
IR filter colour 24 clear transparent	**8787**
Accessory holding ring colour 01 white - 04 black	**8780**

	code
Ceiling base colour 01 white - 04 black	**8773**
Recessed base colour 01 white - 04 black Hole for installation 108 mm	**8902**
Cover for adapter IP40 colour 01 white - 04 black	**6854**

Accessories must be installed with accessory-holder ring



light source	W	optic	code
HIT-CE (G12)	Electronic		
	70 W	12°	**4892**
	70 W	38°	**4893**
	150 W	12°	**4894**
	150 W	38°	**4895**

IP40 for optical assembly

accessories

	code
Refractor for elleptical distribution for 4892-4894 colour 24 clear transparent	**8795**
Coloured filters colour 05 red - 06 yellow 09 sky blue - 65 nitric	**8784**

	code
Accessory holding ring colour 01 white - 04 black	**8781**
Cover for adapter IP40 colour 01 white - 04 black	**6854**

Accessories must be installed with accessory-holder ring

Colours

01
WHITE

74
GREY/BLACK

Cestello

design G. Aulenti - P. Castiglioni

iF Design Award

pendants

spot

wall mounted

free-standing

Villa Oplontis - Naples, Italy

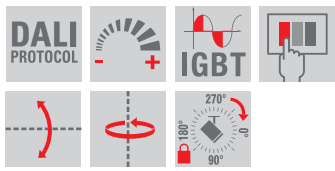
Architectural project: Oplontis Archaeological Service
Lighting project: Roberto Casalone - Photo: Enrico Lattanzi

Cestello

Features

IP20

- Available in three-phase track, pendant, wall-mounted and ground versions.
- 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.



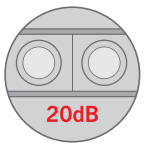
Cestello LED

Versions

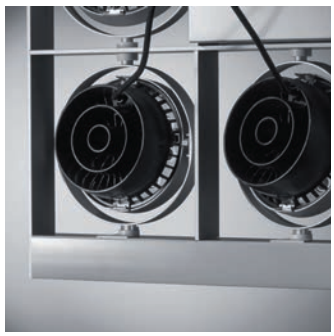
LED lamps are available in the large body versions:
- pendants
- wall mounted
- spot
- free-standing

Heat dissipation

Two innovative heat dissipation solutions: active and passive. The active version incorporates a small cooling fan, allowing 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.

M **F** **E**

Cestello

Photometric values

S - Spot

M - Medium

F - Flood

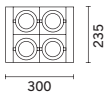
E - Elliptical**

			h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
Small body	**QR-CBC 51*** GU5,3	50W	2	0,3	-	2530	2	0,7	-	909	2	1,4	-	462	2	1,2	0,5	468
			4	0,7	-	632	4	1,4	-	227	4	2,8	-	115	4	2,4	1,1	117
			6	1	-	281	6	2,1	-	101	6	4,1	-	51	6	3,7	1,6	52
			8	1,4	-	158	8	2,8	-	57	8	5,5	-	29	8	4,9	2,1	29
Large body	**LED**	19W PASSIVE DISSIPATION	2	0,5	-	1390	2	1,1	-	425	1	0,8	-	906	2	1,9	0,5	420
			4	1	-	347	4	2,1	-	106	2	1,7	-	226	4	3,7	1,1	105
			6	1,5	-	154	6	3,2	-	47	3	2,5	-	101	6	5,6	1,6	47
			8	2	-	87	8	4,3	-	27	4	3,4	-	57	8	7,5	2,1	26
	LED	35W ACTIVE DISSIPATION	2	0,5	-	1390	2	1,1	-	425	1	0,8	-	906	2	1,9	0,5	420
			4	1	-	347	4	2,1	-	106	2	1,7	-	226	4	3,7	1,1	105
			6	1,5	-	154	6	3,2	-	47	3	2,5	-	101	6	5,6	1,6	47
			8	2	-	87	8	4,3	-	27	4	3,4	-	57	8	7,5	2,1	26
	QR 111* G53	100W	2	0,2	-	9050	2	0,8	-	1691	2	1,7	-	573	2	1,5	0,3	462
			4	0,4	-	2263	4	1,6	-	423	4	3,4	-	143	4	3,1	0,6	115
			6	0,6	-	1006	6	2,3	-	188	6	5,1	-	64	6	4,6	0,9	51
			8	0,8	-	566	8	3,1	-	106	8	6,8	-	36	8	6,1	1,3	29
Large body discharge version	**HIR-111-CE*** GX8,5	35W	2	0,3	-	7232	2	0,8	-	1604	2	1,3	-	975				
			4	0,6	-	1808	4	1,6	-	401	4	2,6	-	244				
			6	0,8	-	804	6	2,3	-	178	6	3,9	-	108				
			8	1,1	-	452	8	3,1	-	100	8	5,2	-	61				

* The values shown refer to actual Lux

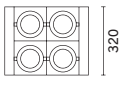
** The Elliptical optic is obtained by fitting the appropriate accessory.
For photometric data, see catalog.iguzzini.com

Cestello pendants



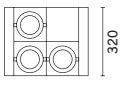
light source	W	optic	code
QR CBC 51 (GU5,3)	Electronic transformer		
	4x50 W 12 V		**3051**

Complete with steel suspension cables and power cable L = 2000 mm



light source	W	optic	code
QR 111 (G53)	Electronic transformer		
	4x100 W 12 V		**3052**

Complete with steel suspension cables and power cable L = 2000 mm



light source	W	optic	code
LED	**Passive dissipation**		
	Neutral white DALI		
	3x19 W 2100	46°	**MG93**
	Warm white DALI		
	3x19 W 2000	14°	**MG94**
	3x19 W 2000	30°	**MG95**
	3x19 W 2000	46°	**MG96**
	Warm white DALI - CRI>90		
	3x19 W 1700	14°	**MG97**
	3x19 W 1700	30°	**MG98**
	Active dissipation		
	Neutral white DALI		
	3x35 W 3200	46°	**MG99**
	Warm white DALI		
	3x35 W 3000	14°	**MH00**
	3x35 W 3000	30°	**MH01**
	3x35 W 3000	46°	**MH02**
	Warm white DALI - CRI>90		
	3x35 W 2600	14°	**MH03**
	3x35 W 2600	30°	**MH04**
HIR-111-CE (GX8,5)	Electronic		
	3x35 W		**3184***

* Class of Insulation I

Complete with steel suspension cables and power cable L = 2000 mm

accessories

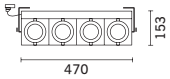
	code
Refractor for elleptical distribution	
for QR CBC 51	**8766**
for QR 111 - HIR-111-CE	**8771**
colour 24 clear transparent	
Optical diffuser for LED	
medium	**MXG3**
flood	**MXG4**
elliptical	**MXG5**
colour 24 clear transparent	

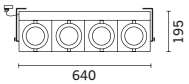
	code
Coloured filters	
for QR CBC 51	**8753**
for QR 111 - HIR-111-CE	**8754**
colour 05 red - 06 yellow 09 sky blue - 65 nitric	
Louvre	**8775**
for QR CBC 51 colour 04 black	

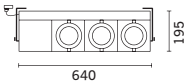
Colours

15
GREY

Cestello spot







light source	W	optic	code
QR CBC 51 (GU5,3)	Electronic transformer		
	4x50 W 12 V		**2729**
QR 111 (G53)	Electronic transformer		
	4x100 W 12 V		**2730**
LED	**Passive dissipation**		
	Neutral white		
	3x19 W 2100	46°	**MH05**
	Warm white		
	3x19 W 2000	14°	**MH06**
	3x19 W 2000	30°	**MH07**
	3x19 W 2000	46°	**MH08**
	Warm white - CRI>90		
	3x19 W 1700	14°	**MH09**
	3x19 W 1700	30°	**MH10**
	Active dissipation		
	Neutral white		
	3x35 W 3200	46°	**MH11**
	Warm white		
	3x35 W 3000	14°	**MH12**
	3x35 W 3000	30°	**MH13**
	3x35 W 3000	46°	**MH14**
	Warm white - CRI>90		
	3x35 W 2600	14°	**MH15**
	3x35 W 2600	30°	**MH16**
HIR-111-CE (GX8,5)	Electronic		
	3x35 W		**2728***

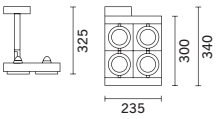
* Class of Insulation I

accessories

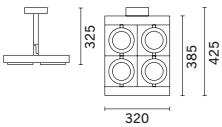
	code
Refractor for elleptical distribution	
for QR CBC 51	**8766**
for QR 111 - HIR-111-CE	**8771**
colour 24 clear transparent	
Optical diffuser for LED	
medium	**MXG3**
flood	**MXG4**
elliptical	**MXG5**
colour 24 clear transparent	
Coloured filters	
for QR CBC 51	**8753**
for QR 111 - HIR-111-CE	**8754**
colour 05 red - 06 yellow 09 sky blue - 65 nitric	

	code
Louvre	**8775**
for QR CBC 51 colour 04 black	
Cover for adapter IP40	**6854**
colour 01 white - 04 black	

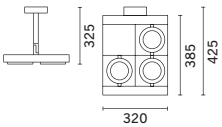
Cestello wall mounted



light source	W	optic	code
QR CBC 51 (GU5,3)	Electronic transformer		
	4x50 W 12 V		**5181**
	Complete with one adjustable fixing rod		



light source	W	optic	code
QR 111 (G53)	Electronic transformer		
	4x100 W 12 V		**5182**
	Complete with one adjustable fixing rod		



light source	W	optic	code
LED	**Passive dissipation**		
	Neutral white DALI		
	3x19 W 2100	46°	**MH17**
	Warm white DALI		
	3x19 W 2000	14°	**MH18**
	3x19 W 2000	30°	**MH19**
	3x19 W 2000	46°	**MH20**
	Warm white DALI - CRI>90		
	3x19 W 1700	14°	**MH21**
	3x19 W 1700	30°	**MH22**
	Active dissipation		
	Neutral white DALI		
	3x35 W 3200	46°	**MH23**
	Warm white DALI		
	3x35 W 3000	14°	**MH24**
	3x35 W 3000	30°	**MH25**
	3x35 W 3000	46°	**MH26**
	Warm white DALI - CRI>90		
	3x35 W 2600	14°	**MH27**
	3x35 W 2600	30°	**MH28**
HIR-111-CE (GX8,5)	Electronic		
	3x35 W		**5145***
	* Class of Insulation I		
	Complete with one adjustable fixing rod		

accessories

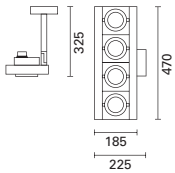
	code
Refractor for elleptical distribution	
for QR CBC 51	**8766**
for QR 111 - HIR-111-CE	**8771**
colour 24 clear transparent	
Optical diffuser for LED	
medium	**MXG3**
flood	**MXG4**
elliptical	**MXG5**
colour 24 clear transparent	

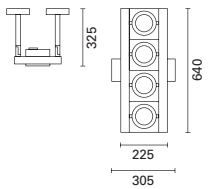
	code
Coloured filters	
for QR CBC 51	**8753**
for QR 111 - HIR-111-CE	**8754**
colour 05 red - 06 yellow 09 sky blue - 65 nitric	
Louvre	**8775**
for QR CBC 51 colour 04 black	

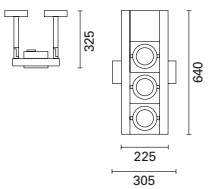
Colours

15
GREY

Cestello wall mounted







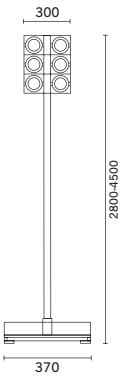
light source	W	optic	code
QR CBC 51 (GU5,3)	Electronic transformer		
	4x50 W 12 V		**5179**
	Complete with one adjustable fixing rod		
QR 111 (G53)	Electronic transformer		
	4x100 W 12 V		**5180**
	Complete with two adjustable fixing rods		
LED	**Passive dissipation**		
	Neutral white DALI		
	3x19 W 2100	46°	**MH29**
	Warm white DALI		
	3x19 W 2000	14°	**MH30**
	3x19 W 2000	30°	**MH31**
	3x19 W 2000	46°	**MH32**
	Warm white DALI - CRI>90		
	3x19 W 1700	14°	**MH33**
	3x19 W 1700	30°	**MH34**
	Active dissipation		
	Neutral white DALI		
	3x35 W 3200	46°	**MH35**
	Warm white DALI		
	3x35 W 3000	14°	**MH36**
	3x35 W 3000	30°	**MH37**
	3x35 W 3000	46°	**MH38**
	Warm white DALI - CRI>90		
	3x35 W 2600	14°	**MH39**
	3x35 W 2600	30°	**MH40**
HIR-111-CE (GX8,5)	Electronic		
	3x35 W		**5146***
	* Class of Insulation I		
	Complete with two adjustable fixing rods		

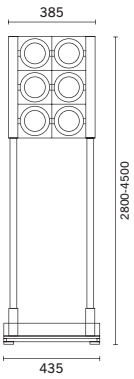
accessories

	code
Refractor for elleptical distribution	
for QR CBC 51	**8766**
for QR 111 - HIR-111-CE	**8771**
colour 24 clear transparent	
Optical diffuser for LED	
medium	**MXG3**
flood	**MXG4**
elliptical	**MXG5**
colour 24 clear transparent	

	code
Coloured filters	
for QR CBC 51	**8753**
for QR 111 - HIR-111-CE	**8754**
colour 05 red - 06 yellow 09 sky blue - 65 nitric	
Louvre	**8775**
for QR CBC 51 colour 04 black	

Cestello free-standing





light source	W	height	optic	code
QR CBC 51 (GU5,3)	Electronic transformer			
	6x50 W 12 V	2800		**4566**
	6x50 W 12 V	4500		**4567**

Class of Insulation I
Designed for separate switch-on of 3 groups of lamps and equipped with L=2000 cable with plug.

LED	**Passive dissipation**			
	Neutral white			
	6x19 W 2100	2800	46°	**MH41**
	Warm white			
	6x19 W 2000	2800	14°	**MH42**
	6x19 W 2000	2800	30°	**MH43**
	6x19 W 2000	2800	46°	**MH44**
	Warm white - CRI>90			
	6x19 W 1700	2800	14°	**MH45**
	6x19 W 1700	2800	30°	**MH46**
	Active dissipation			
	Neutral white			
	6x35 W 3200	2800	46°	**MH47**
	Warm white			
	6x35 W 3000	2800	14°	**MH48**
	6x35 W 3000	2800	30°	**MH49**
	6x35 W 3000	2800	46°	**MH50**
	Warm white - CRI>90			
	6x35 W 2600	2800	14°	**MH51**
	6x35 W 2600	2800	30°	**MH52**
QR 111 (G53)	Electronic transformers			
	6x100 W 12 V	2800		**4568**
	6x100 W 12 V	4500		**4569**

Class of Insulation I
Designed for separate switch-on of 3 groups of lamps and equipped with L=2000 cable with plug.

accessories

	code
Refractor for elleptical distribution	
for QR CBC 51	**8766**
for QR 111	**8771**
colour 24 clear transparent	
Optical diffuser for LED	
medium	**MXG3**
flood	**MXG4**
elliptical	**MXG5**
colour 24 clear transparent	

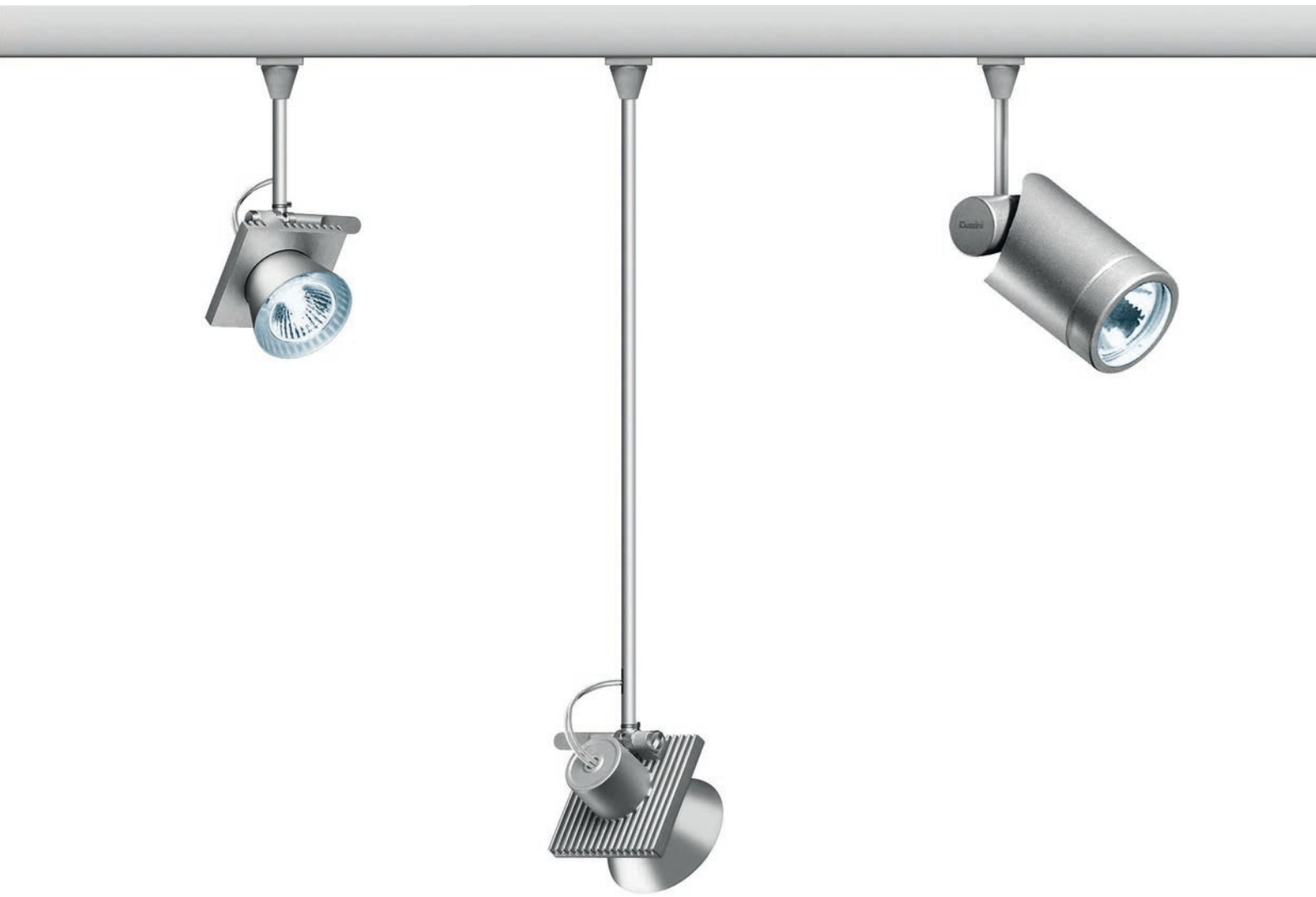
	code
Coloured filters	
for QR CBC 51	**8753**
for QR 111	**8754**
colour 05 red - 06 yellow 09 sky blue - 65 nitric	
Louvre	**8775**
for QR CBC 51 colour 04 black	

Colours

Guzzini
Guzzini

Cerchio - Zoom

design Bruno Gecchelin



Cerchio - Zoom

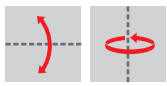
Features

IP20

Cerchio
- Installation on low voltage track, Mini Limelight.
- Die-cast aluminium and thermoplastic material.
- 305° rotation around the vertical axis and 130° (35W) - 122° (50W) in relation to the horizontal plane.

IP20

Zoom
- Installation on low voltage track, Mini Limelight.
- Die-cast aluminium and thermoplastic material.
- 360° rotation around the vertical axis and 140° in relation to the horizontal plane.
- The fitting has a patented joint system that makes it highly adjustable and assures electrical conductivity.



Photometric values

S - Spot

M - Medium

F - Flood

		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
QR-CBC 35* GU4	35W	2	0,3	-	1323					1	0,6	-	1091
		4	0,6	-	331					2	1,2	-	273
		6	0,8	-	147					3	1,8	-	121
		8	1,1	-	83					4	2,4	-	68
QR-CBC 51* GU5,3	50W	2	0,3	-	2530	2	0,7	-	909	2	1,4	-	462
		4	0,7	-	632	4	1,4	-	227	4	2,8	-	115
		6	1	-	281	6	2,1	-	101	6	4,1	-	51
		8	1,4	-	158	8	2,8	-	57	8	5,5	-	29

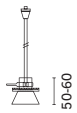
* The values shown refer to actual Lux

Fitting on a curved rod

A solution specially designed for lighting pictures.

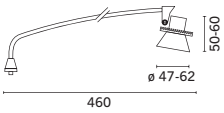
Cerchio - Zoom

Cerchio



light source	W	code
QR CBC 35 (GU4)	Straight rod L=70	
	35 W 12 V	**6327**
	Straight rod L=300	
	50 W 12 V	**6328**
QR CBC 51 (GU5,3)	Straight rod L=70	
	35 W 12 V	**6329**
	Straight rod L=300	
	50 W 12 V	**6330**

colour 15 grey



light source	W	code
QR CBC 35 (GU4)	Curved rod	
	35 W 12 V	**6334**
QR CBC 51 (GU5,3)	Curved rod	
	50 W 12 V	**6335**

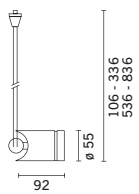
colour 15 grey

accessories

	code
Directional flaps	
for QR CBC 35	**6000**
for QR CBC 51	**6001**
colour 04 black	

	height	ø mm	code
Base with 50 W electronic transformer, for ceiling application	46	123	**6091**
colour 01 white - 15 grey			
Recessed base	89	71	**6092**
colour 01 white - 15 grey Hole for installation 63 mm			

Zoom



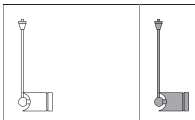
light source	W	code
QR CBC 51 (GU5,3)	Straight rod L=70	
	50 W 12 V	**6314**
	Straight rod L=300	
	50 W 12 V	**6315**
	Straight rod L=500	
	50 W 12 V	**6316**
	Straight rod L=800	
	50 W 12 V	**6317**

accessories

	code
Coloured filters	**8658**
colour 05 red - 06 yellow 09 sky blue - 24 clear transparent 65 nitric	
Directional flaps	**8740**
colour 04 black	

	height	ø mm	code
Base with 50 W electronic transformer, for ceiling application	46	123	**6091**
colour 01 white - 15 grey			
Recessed base	89	71	**6092**
colour 01 white - 15 grey Hole for installation 63 mm			

Colours



Tracks

iDuo
design Jean Michel Wilmotte

Standard

False ceilings

Mini Limelight

Islamic Science and Technology Museum - Istanbul, Turkey
Architectural project: Tepta Aydinlatma - Photo: Engin Gerçek

iDuo	Standard	False ceilings	Mini Limelight
71 x 43	32 x 32	52 x 32	20 x 20

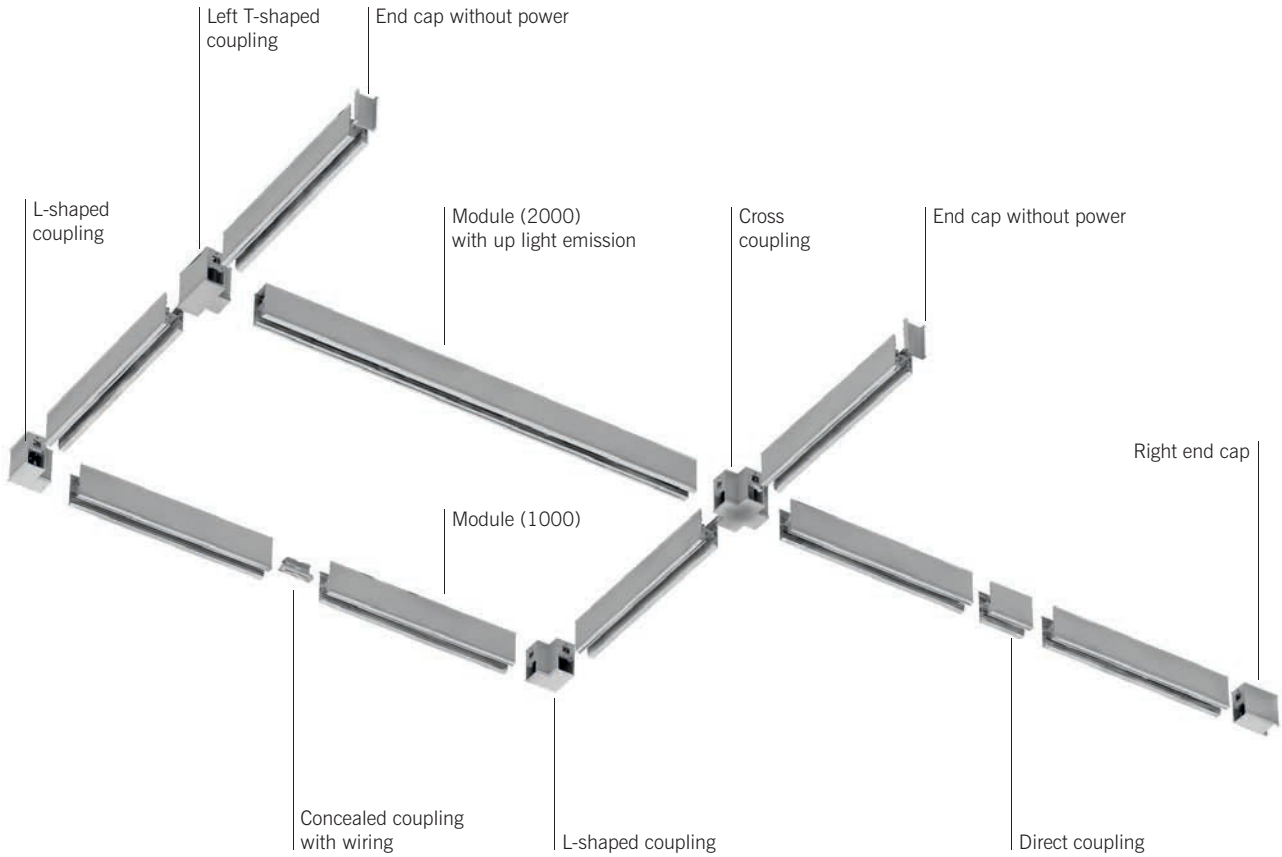
iDuo

Features

IP20

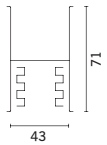
- Aluminium track.
- The track houses the wires that are shielded by rigid extruded isolating material The isolating material has very high dielectric resistance.
- The 3-phase wires with a common ground provide 3 separate circuits that allow the use of 3 distinct switches. Powering the track to the 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

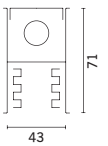


iDuo DALI

accessories



light source	W	length	code
	DALI module		
		1000	**6666**
		2000	**6667**
		3000	**6668**
		4000	**6669**



light source	W	length	code
T 16 (G5)	**DALI module with up light emission**		
	Multiwatt		
	28/54 W	2000	**6670**
	35/49/80 W	3000	**6671**
	DALI multiwatt		
	28/54 W	2000	**6673**
	35/49/80 W	3000	**6676**

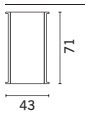
Complete with polycarbonate upper safety screen.
DALI versions occupies 1 address

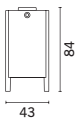
	code
Upper safety screen for module L=1000 for module L=2000 for module L=3000 colour 24 clear transparent	 **6875** **6876** **6877**
Suspension cable with millimetric regulation L=2000 colour 00 indeterminate	**9187**
Suspension cable L=2000 colour 00 indeterminate	**9186**
4-pole power supply base with suspension cables L=2000 colour 15 grey	**9176**
5-pole power supply base with suspension cables L=2000 colour 01 white - 15 grey (Transparent power supply cable with colour 15)	**9177**

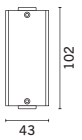
	code
9-pole power supply base with suspension cables L=2000 colour 01 white	**9178**
Suspension rods h=1000 with power supply 9 pole with power supply 5 pole without power supply colour 01 white - 15 grey	 **9181** **9180** **9179**
Cover strip L=1000 colour 01 white - 04 black	**8968**
Ceiling clamp colour 00 indeterminate	**9182**
Load hook 10 Kg. colour 10 chrome	**8951**

Couplings

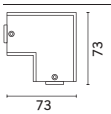
	code
End cap without power colour 01 white - 15 grey Designed for suspended installation	**6864**
End cap right left colour 01 white - 15 grey Designed for suspended installation	 **MW17** **MW18**
Direct coupling colour 01 white - 15 grey Designed for suspended installation	**MW19**

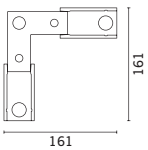


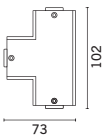




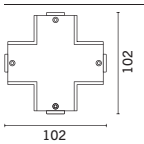
	code
L-shaped coupling colour 01 white - 15 grey Designed for suspended installation	**MW20**
Long L-shaped coupling colour 01 white - 74 grey/black Designed for suspended installation For maximum allowed loads please consult the instruction sheet	**MW21**
T-shaped coupling right left colour 01 white - 15 grey Designed for suspended installation	 **MW22** **MW23**







	code
Cross coupling colour 01 white - 15 grey Designed for suspended installation	**MW24**
Concealed coupling with wiring colour 01 white Always in combination with suspension system	**6872**
Item for intermediate suspension colour 00 indeterminate Used to install the suspension system in intermediate position on track	**6873**

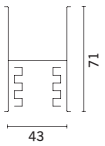


Colours

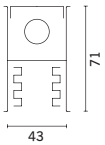
01 WHITE	12 ALLUMINIUM

iDuo

accessories



light source	W	length	code
	Module		
		1000	**6647**
		2000	**6648**
		3000	**6649**
		4000	**6650**



light source		W	length	code
T16 (G5)	**Module with up light emission**			
	Multiwatt			
		28/54 W	2000	**6651**
		35/49/80 W	3000	**6652**
	DALI multiwatt			
		28/54 W	2000	**6654**
		35/49/80 W	3000	**6657**

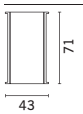
Complete with polycarbonate upper safety screen.
DALI versions occupies 1 address

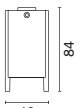
	code
Upper safety screen	
for module L=1000	**6875**
for module L=2000	**6876**
for module L=3000	**6877**
colour 24 clear transparent	
Suspension cable with millimetric regulation L=2000 colour 00 indeterminate	**9187**
Suspension cable L=2000 colour 00 indeterminate	**9186**
4-pole power supply base with suspension cables L=2000 colour 15 grey	**9176**
5-pole power supply base with suspension cables L=2000 colour 01 white - 15 grey (Transparent power supply cable with colour 15)	**9177**

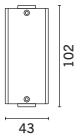
	code
9-pole power supply base with suspension cables L=2000 colour 01 white	**9178**
Suspension rods h=1000	
with power supply 9 pole	**9181**
with power supply 5 pole	**9180**
without power supply	**9179**
colour 01 white - 15 grey	
Cover strip L=1000 colour 01 white - 04 black	**8968**
Ceiling clamp colour 00 indeterminate	**9182**
Load hook 10 Kg. colour 10 chrome	**8951**

Couplings

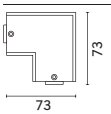
	code
End cap without power colour 01 white - 15 grey Designed for suspended installation	**6864**
End cap right left colour 01 white - 15 grey Designed for suspended installation	**6865** **6866**
Direct coupling colour 01 white - 15 grey Designed for suspended installation	**6867**

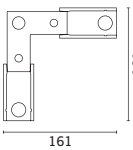


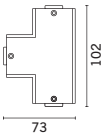




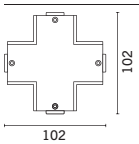
	code
L-shaped coupling colour 01 white - 15 grey Designed for suspended installation	**6868**
Long L-shaped coupling colour 01 white - 74 grey/black Designed for suspended installation For maximum allowed loads please consult the instruction sheet	**9158**
T-shaped coupling right left colour 01 white - 15 grey Designed for suspended installation	 **6869** **6870**







	code
Cross coupling colour 01 white - 15 grey Designed for suspended installation	**6971**
Concealed coupling with wiring colour 01 white Always in combination with suspension system	**6872**
Item for intermediate suspension colour 00 indeterminate Used to install the suspension system in intermediate position on track	**6873**



Lucerne Lighting Plan - Lucerne, Switzerland
Lighting project: FA Art Licht - Photo: Günter Laznia

Colours

01
WHITE

12
ALLUMINIUM

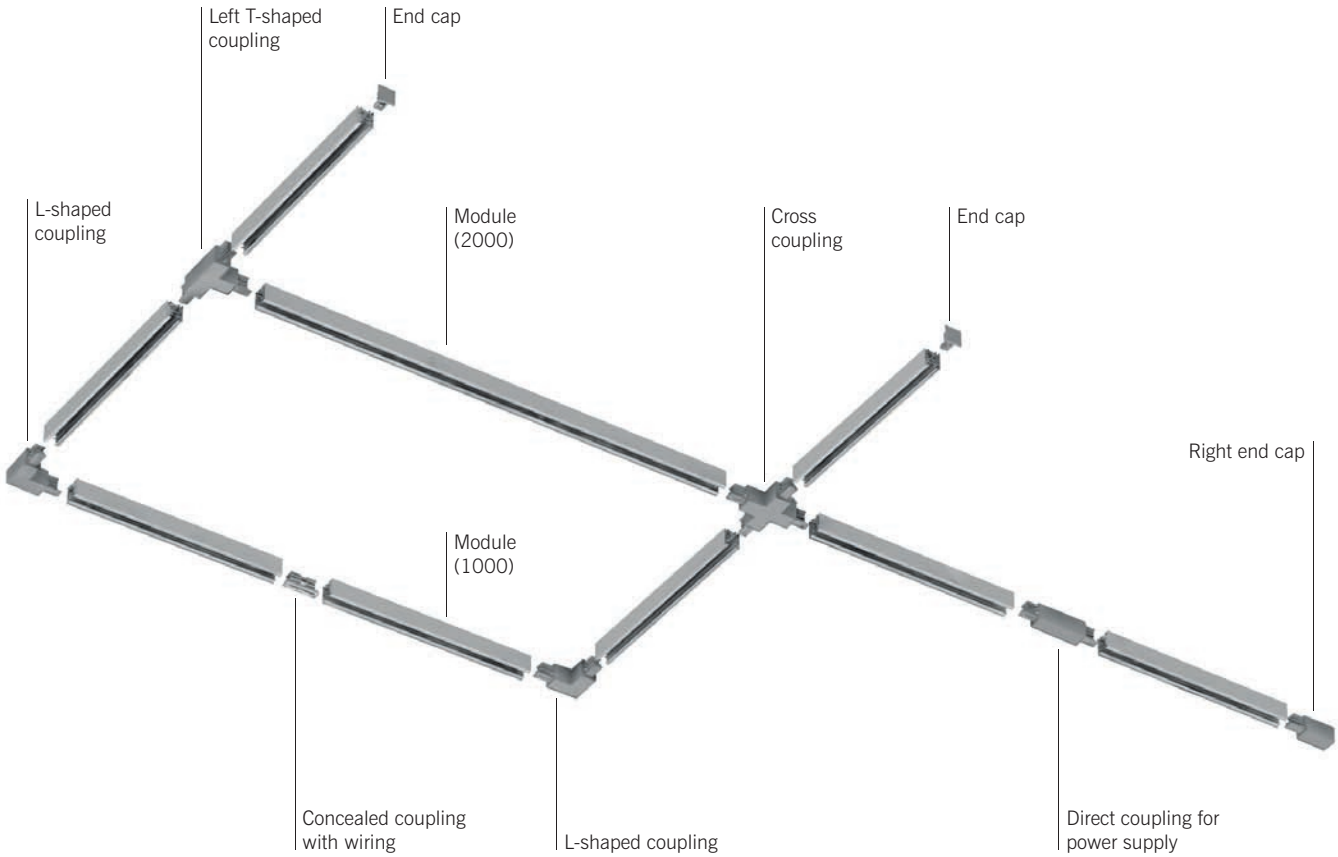
Standard

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



Standard DALI

length	code
DALI module	
1000	**6775**
2000	**6776**
3000	**6777**
4000	**6778**

accessories

Suspension cable with millimetric regulation L=2000 — **MWW6**
colour 01 white - 04 black

Suspension cable L=2000 — **MX66**
colour 12 alluminium

Power supply cable L=2200 — **MW09**
colour 01 white
04 black - 15 grey

Suspension system with double cable — **MWW5**
colour 01 white
04 black - 15 grey

Suspension rod h=1000 — **MWW4**
colour 01 white - 04 black

Cover strip L=1000 — **MWW7**
colour 01 white - 04 black

Ceiling clamp — **MWW8**
colour 00 indeterminate

Load hook 10 Kg. — **MWW9**
colour 10 chrome

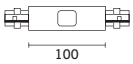
Tool for track wires conformation — **MWX0**
colour 00 indeterminate

Couplings

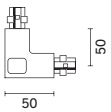
End cap — **MWR9**
colour 01 white - 04 black

Power supply end cap with earth contact
right — **MWU3**
left — **MWU4**
colour 01 white - 04 black

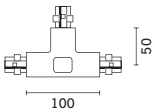
Concealed coupling with wiring — **MWS2**
colour 01 white - 04 black



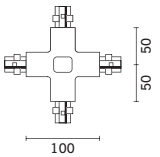
Direct coupling for power supply — **MWU5**
colour 01 white - 04 black



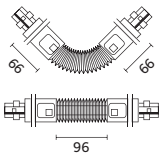
L-shaped coupling earth wire
internal — **MWU6**
external — **MWU7**
colour 01 white - 04 black



T-shaped coupling earth wire
right + internal — **MWV0**
left + internal — **MWV1**
right + external — **MWU8**
left + external — **MWU9**
colour 01 white - 04 black



Cross coupling — **MWV2**
colour 01 white - 04 black



Flexible coupling — **MWV3**
colour 01 white - 04 black

Colours

01 WHITE

04 BLACK

12 ALLUMINIUM

Standard

length	code
Module	
1000	**6771**
2000	**6772**
3000	**6773**
4000	**6774**

accessories

Suspension cable with millimetric regulation L=2000 — **MWW6**
colour 01 white - 04 black

Suspension cable L=2000 — **MX66**
colour 12 alluminium

Power supply cable L=2200 — **8988**
colour 01 white
04 black - 15 grey

Suspension system with double cable — **MWW5**
colour 01 white
04 black - 15 grey

Suspension rod h=1000 — **MWW4**
colour 01 white - 04 black

Cover strip L=1000 — **MWW7**
colour 01 white - 04 black

Ceiling clamp — **MWW8**
colour 00 indeterminate

Load hook 10 Kg. — **MWW9**
colour 10 chrome

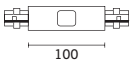
Tool for track wires conformation — **MWX0**
colour 00 indeterminate

Couplings

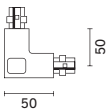
End cap — **MWR9**
colour 01 white - 04 black

Power supply end cap with earth contact
right — **MWS0**
left — **MWS1**
colour 01 white - 04 black

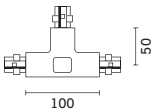
Concealed coupling with wiring — **MWS2**
colour 01 white - 04 black



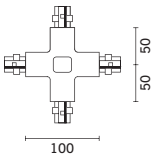
Direct coupling for power supply — **MWS3**
colour 01 white - 04 black



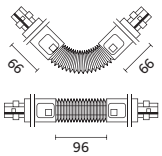
L-shaped coupling earth wire
internal — **MWS4**
external — **MWS5**
colour 01 white - 04 black



T-shaped coupling earth wire
right + internal — **MWS8**
left + internal — **MWS9**
right + external — **MWS7**
left + external — **MWS6**
colour 01 white - 04 black



Cross coupling — **MWT0**
colour 01 white - 04 black



Flexible coupling — **MWT1**
colour 01 white - 04 black

Colours

Dolce Vita GmbH - Chur, Switzerland
Photo: Günter Laznia

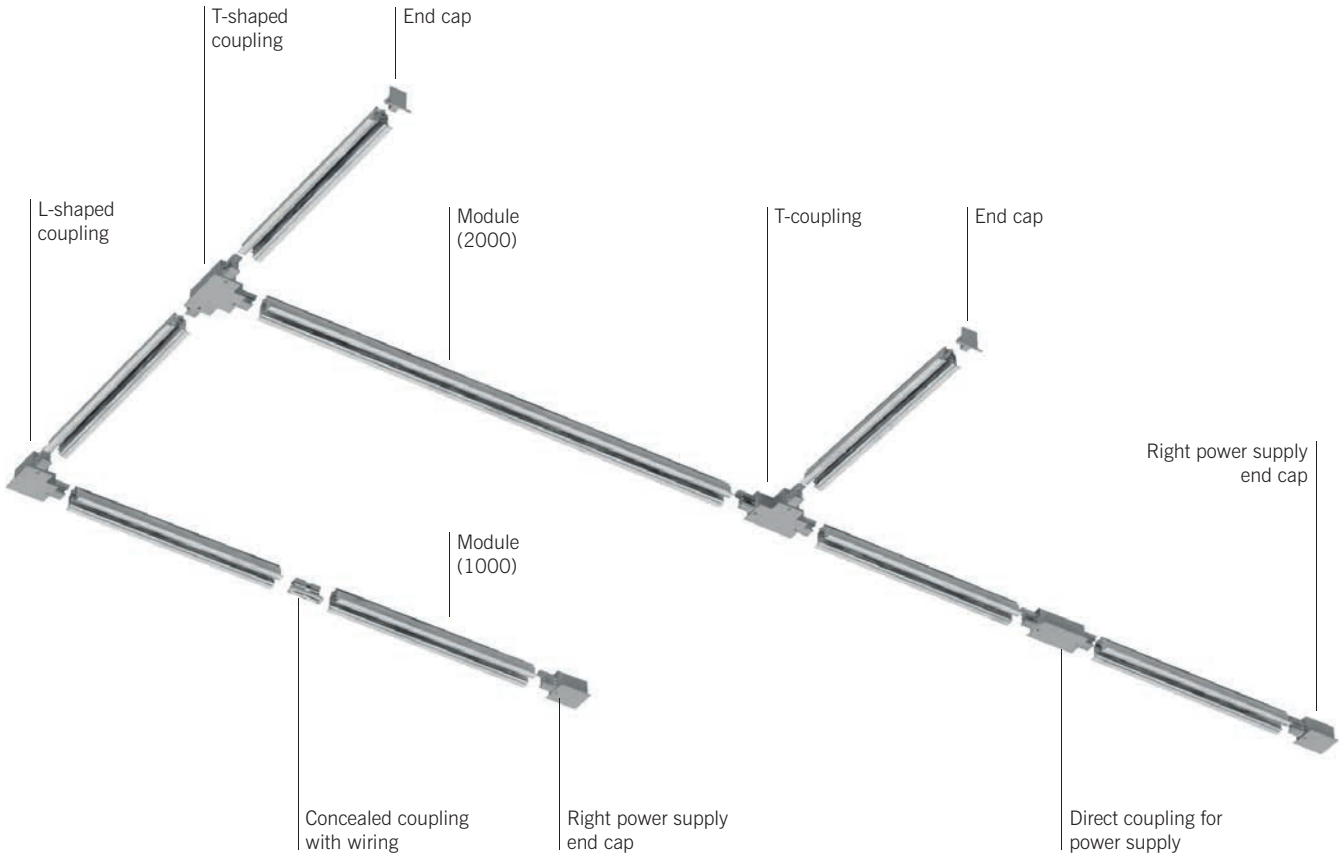
False ceilings

Features

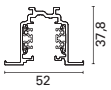
IP20

- 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



DALI false ceilings



length	code
DALI module	
1000	**6783**
2000	**6784**
3000	**6785**
4000	**6786**

accessories

Suspension cable with millimetric regulation L=2000 — **MWW6**
colour 01 white - 04 black

Suspension cable L=2000 — **MX66**
colour 12 alluminium

Cover strip L=1000 — **MWW7**
colour 01 white - 04 black

Ceiling clamp — **MWW8**
colour 00 indeterminate

Load hook 10 Kg. — **MWW9**
colour 10 chrome

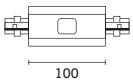
Tool for rack wires conformation — **MWX0**
colour 00 indeterminate

Couplings

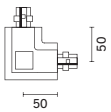
End cap — **MWT2**
colour 01 white - 04 black

Power supply end cap with earth contact
right — **MWV4**
left — **MWV5**
colour 01 white - 04 black

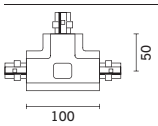
Concealed coupling with wiring — **MWS2**
colour 01 white - 04 black



Direct coupling for power supply — **MWV6**
colour 01 white - 04 black



L-shaped coupling earth wire
internal — **MWV7**
external — **MWV8**
colour 01 white - 04 black

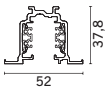


T-shaped coupling earth wire
right + internal — **MWW1**
left + internal — **MWW2**
right + external — **MWV9**
left + external — **MWW0**
colour 01 white - 04 black

Colours

01 WHITE	04 BLACK	12 ALLUMINIUM

False ceilings



length	code
Module	
1000	**6779**
2000	**6780**
3000	**6781**
4000	**6782**

accessories

Suspension cable with millimetric regulation L=2000 — **MWW6**
colour 01 white - 04 black

Suspension cable L=2000 — **MX66**
colour 12 alluminium

Cover strip L=1000 — **MWW7**
colour 01 white - 04 black

Ceiling clamp — **MWW8**
colour 00 indeterminate

Load hook 10 Kg. — **MWW9**
colour 10 chrome

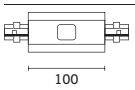
Tool for track wires conformation — **MWX0**
colour 00 indeterminate

Couplings

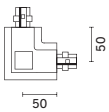
End cap — **MWT2**
colour 01 white - 04 black

Power supply end cap with earth contact
right — **MWT3**
left — **MWT4**
colour 01 white - 04 black

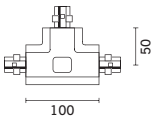
Concealed coupling with wiring — **MWS2**
colour 01 white - 04 black



Direct coupling for power supply — **MWT5**
colour 01 white - 04 black



L-shaped coupling earth wire
internal — **MWT6**
external — **MWT7**
colour 01 white - 04 black



T-shaped coupling earth wire
right + internal — **MWU0**
left + internal — **MWU1**
right + external — **MWT8**
left + external — **MWT9**
colour 01 white - 04 black

Repower Shop - Ilanz, Switzerland
Photo: Günter Laznia

Colours

01 WHITE	04 BLACK	12 ALLUMINIUM

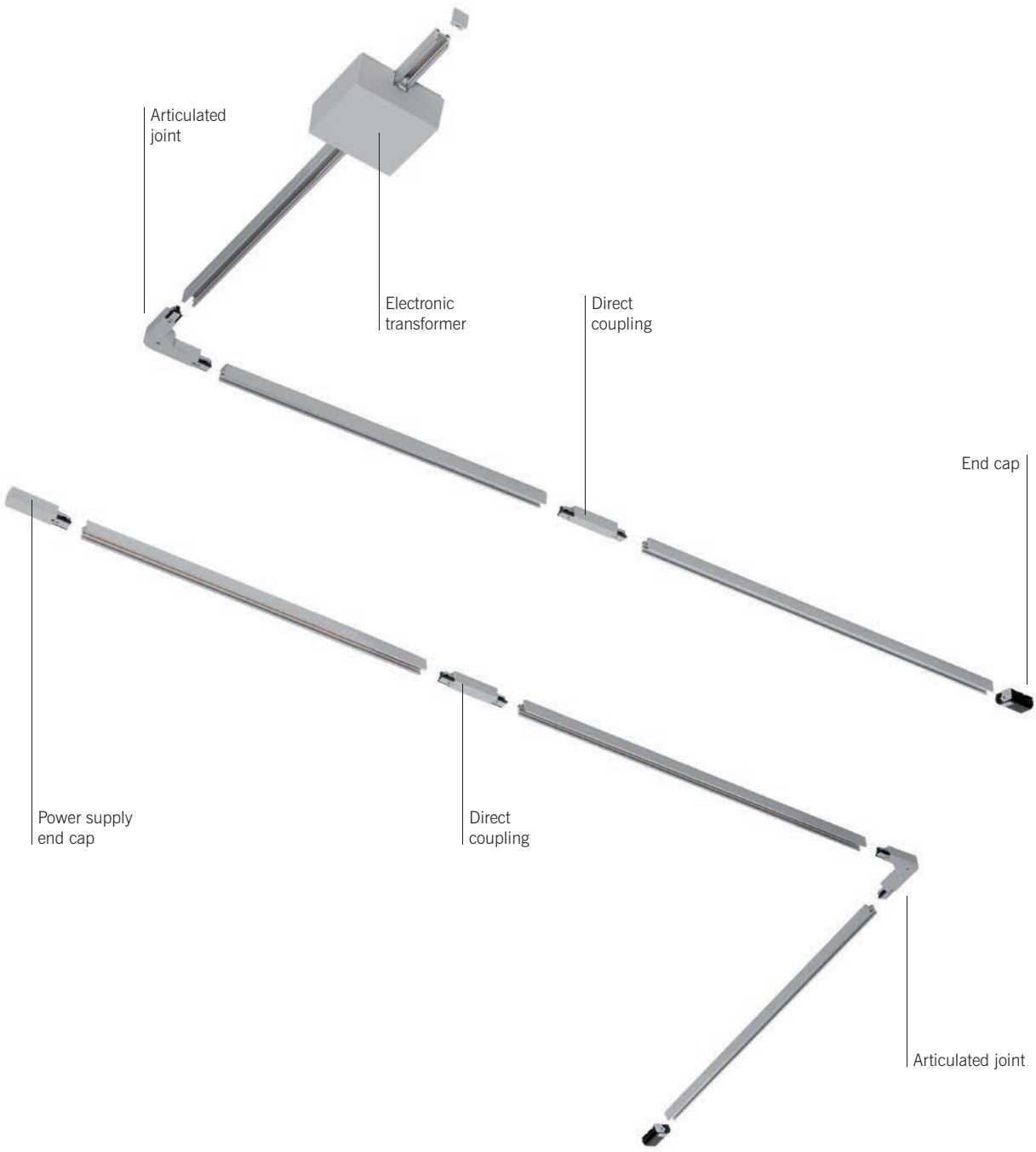
Mini Limelight

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

length	code
Module	
500	**6065**
1000	**6066**
2000	**6067**
3000	**6068**

accessories

Suspension cable L=2000 — **6081**
colour 00 indeterminate

Power cable for electronic transformer and suspension cable for precise adjustments L=2000 — **6088**
colour 01 white - 15 grey

Power supply cable for electronic transformer L=2000 — **6086**
colour 01 white - 15 grey

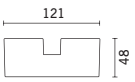
Cable to hang paintings L=2000 — **6087**
colour 00 indeterminate

Wall attachment — **6089**
colour 01 white - 15 grey

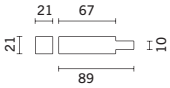
Ceiling attachment — **6090**
colour 00 indeterminate

Slanting rod
h=500 — **6097**
h=1000 — **6098**
colour 01 white - 15 grey

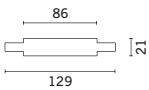
Couplings



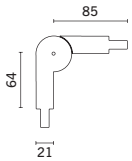
50/200 W electronic transformer for 2 m. max. track lengths — **6093**
colour 01 white - 15 grey
Equipped with two end caps
Only for track installation



End cap for 12V power supply — **6077**
colour 01 white - 15 grey
Equipped with one end cap



Direct coupling — **6079**
colour 01 white - 15 grey
Equipped with two end caps



Articulated joint — **6078**
colour 01 white - 15 grey

Colours

01
WHITE

12
ALLUMINIUM

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.
- Indirect light kits with T16 fluorescent tubes.
- All gear is electronic; fluorescent modules are available in DALI version and for emergency light.

DALI PROTOCOL
EMERGENCY

Cover
Available in two different finishes, white and black, in two sizes open 100 and open 180 and with a variety of lengths.

Profiles
Various lengths available and three colours: white, black and aluminium. The aluminium profile allows for customised painting.

page 360-361

Stella McCartney Store - Rome, Italy

Architectural project: APA London, 25 Lexington, London, W1F 9AG - Photo: Livia Mucchi

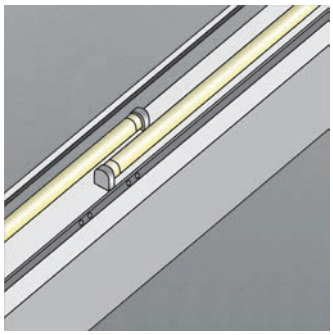
Bespoke

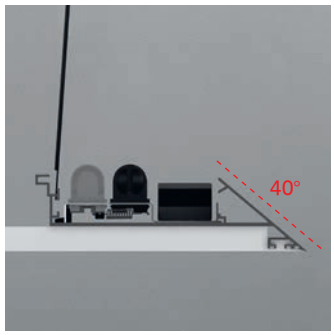
Lighting system

The modular structure can be associated with specific adjustable spotlights for accent lighting.
The spotlights come complete with electronic control gear.

Adjustability and rotation around vertical axis of light sources.

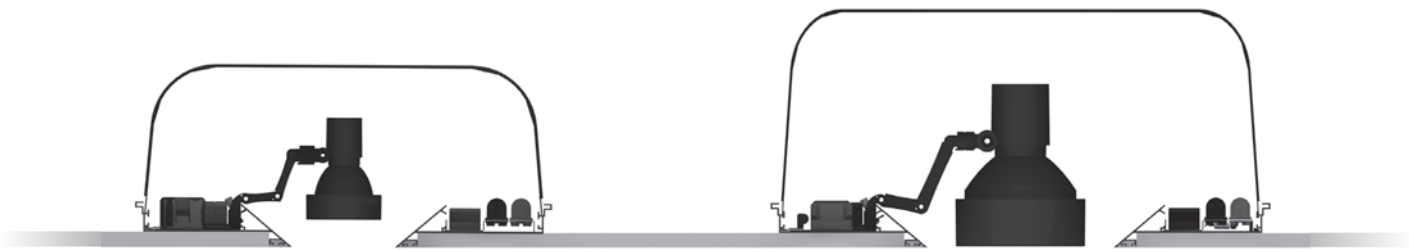
Up light modules with fluorescent lamps put together using the “overlapping” system which guarantees uninterrupted light emission without dark areas.





The 40° angle of the profile hides the components of the various kits from view. This makes the channel clean-cut, precise and attractively low-key.

Dimensions



Open 100
The reduced dimensions (100mm) of the opening that is necessary to install the open 100 channel guarantee minimum visual impact and allow for using spotlights with small body.

The spotlights can be equipped with the following lamps:
- 50W QR CBC 51 GU5.3
- 20/35W HI-PAR MR 16 GX10
- 20/35W HIT (CDM-Tm) PGJ5
- LED

Open 180
Spotlights with large body can be used in the open 180 channel by providing 180 mm opening between the sections.

The spotlights can be equipped with the following lamps:
- 50W QR 111 G53
- 35/70W CDM-R111 GX8.5
- 20/35/70W CDM-TC G8.5
- LED

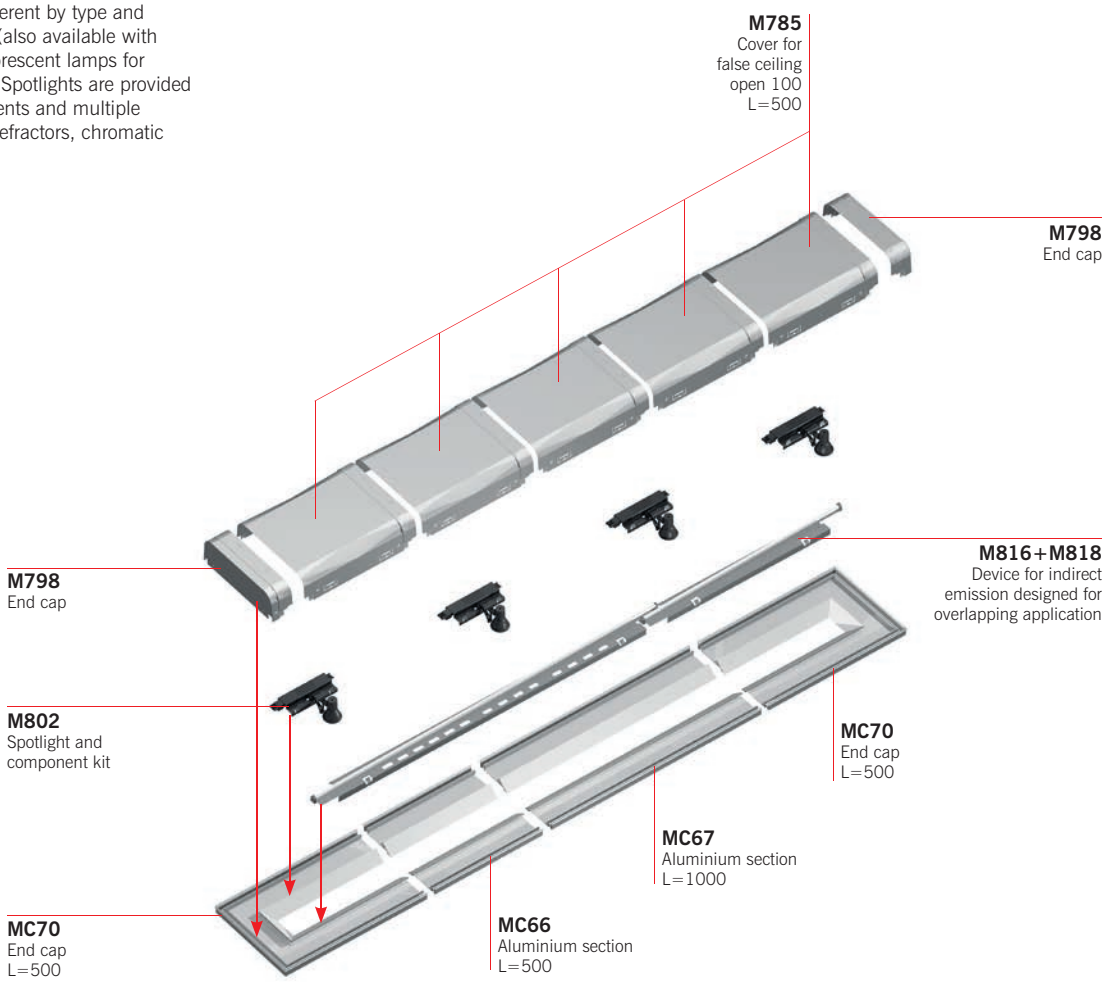
Bespoke

System composition

The sales order must take into consideration all elements of the system:

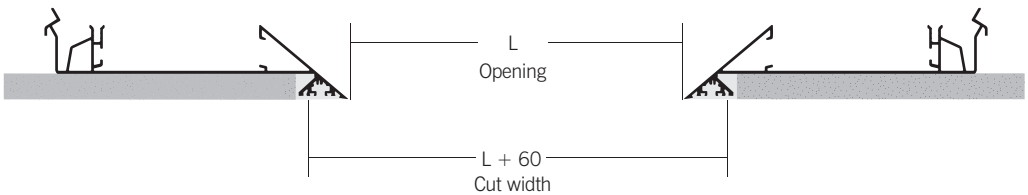
- Structural modules in various lengths, for open 100 and open 180 channels (pair of sections, pair of end caps and external/internal corners).
- Kit of spotlights for accent light, for open 100 and open 180 channels, different by type and light sources (also available with LED) and fluorescent lamps 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.



Installation

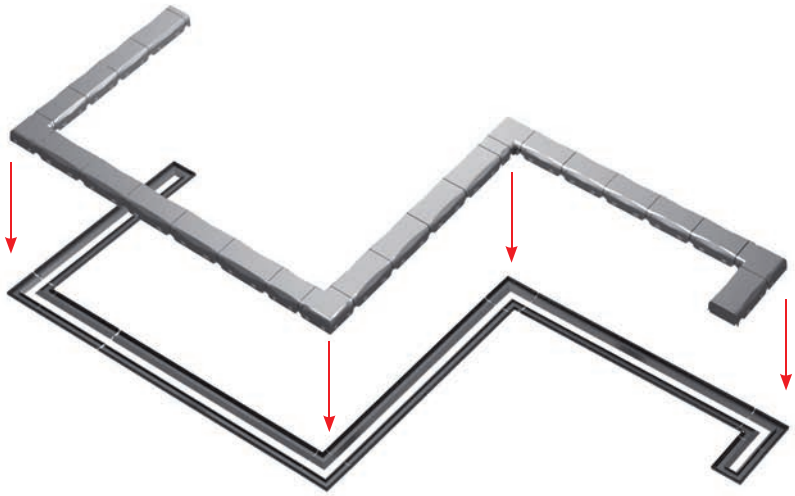
To ensure the correct width when cutting the false ceiling, add 60 mm to the dimension of the desired opening. (i.e. 100 mm opening = 160 mm cut width).



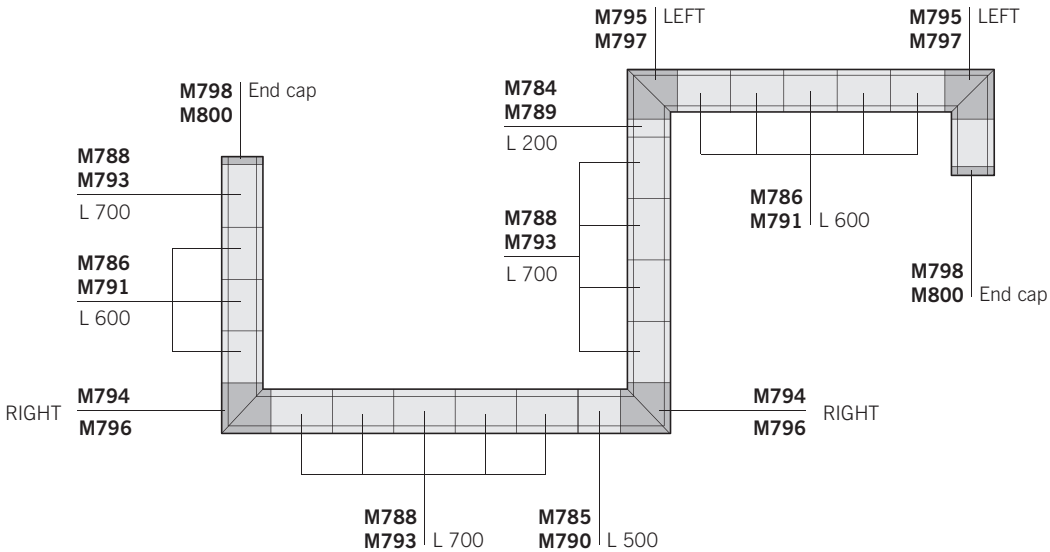
Bespoke

Compositions

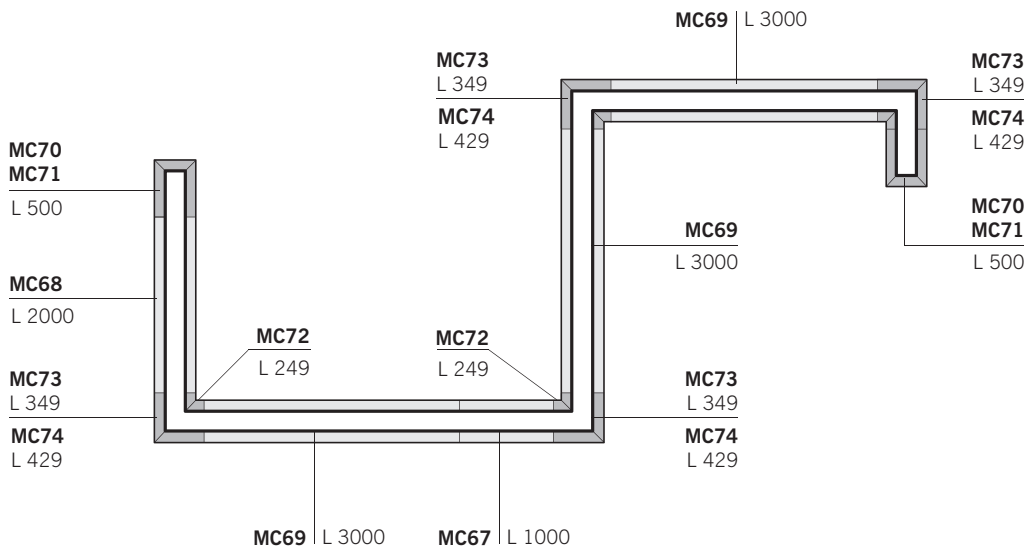
Multiple formal solutions offer the best flexible answer to any requirements for light and space. The wide range of components - joints, unions, end caps, internal and external angular insertion elements, covers - allows Bespoke to enjoy great versatility to design space.



Cover for false ceiling



Structural sections



Bespoke

Spotlight photometric values

S - Spot

M - Medium

F - Flood

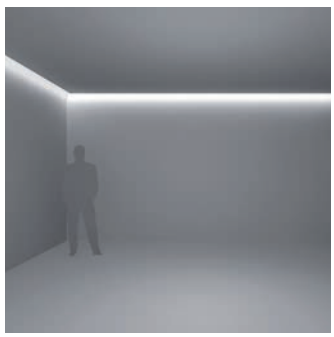
E - Elliptical*

		S - Spot				M - Medium				F - Flood				E - Elliptical*			
		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
LED	9,3W - 17W	2	0,5	-	1909	2	0,7	-	520								
		4	1	-	477	4	1,4	-	130								
		6	1,5	-	212	6	2,1	-	58								
		8	2	-	119	8	2,8	-	33								
QR-CBC 51*	50W	2	0,3	-	2530	2	0,7	-	909	2	1,4	-	462				
GU5,3		4	0,7	-	632	4	1,4	-	227	4	2,8	-	115				
		6	1	-	281	6	2,1	-	101	6	4,1	-	51				
		8	1,4	-	158	8	2,8	-	57	8	5,5	-	29				
QR 111*	75W	2	0,2	-	5538	2	0,9	-	1101	2	1,5	-	357				
G53		4	0,4	-	1385	4	1,7	-	275	4	3,1	-	89				
		6	0,6	-	615	6	2,6	-	122	6	4,6	-	40				
		8	0,8	-	346	8	3,4	-	69	8	6,1	-	22				
HIR-111-CE*	70W	2	0,3	-	10845	2	0,8	-	2769	2	1,3	-	1548				
GX8,5		4	0,7	-	2711	4	1,6	-	692	4	2,6	-	387				
		6	1	-	1205	6	2,3	-	308	6	3,9	-	172				
		8	1,4	-	678	8	3,1	-	173	8	5,2	-	97				
HIT-CE	20W - 35W	2	0,6	-	875					1	1,1	-	547				
PGJ5		4	1,1	-	219					2	2,1	-	137				
		6	1,7	-	97					3	3,2	-	61				
		8	2,2	-	55					4	4,3	-	34				
HIT-TC-CE	20W - 35W - 70W	2	0,6	-	1312					1	0,8	-	744	2	1,4	0,6	441
G8,5		4	1,1	-	328					2	1,6	-	186	4	2,8	1,1	110
		6	1,7	-	146					3	2,4	-	83	6	4,1	1,7	49
		8	2,2	-	82					4	3,2	-	47	8	5,5	2,2	28
HI-PAR 51-CE*	20W	2	0,3	-	2765	2	0,9	-	864	1	0,7	-	1259				
GX10		4	0,7	-	691	4	1,7	-	216	2	1,4	-	315				
		6	1	-	307	6	2,6	-	96	3	2,1	-	140				
		8	1,4	-	173	8	3,4	-	54	4	2,8	-	79				

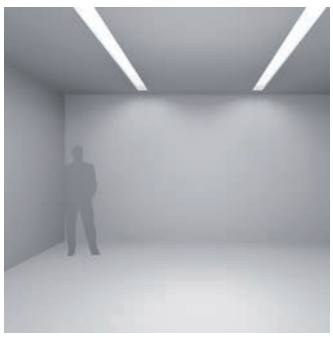
* The values shown refer to actual Lux

** The Elliptical optic is obtained by fitting the appropriate accessory.
For photometric data, see catalog.iguzzini.com

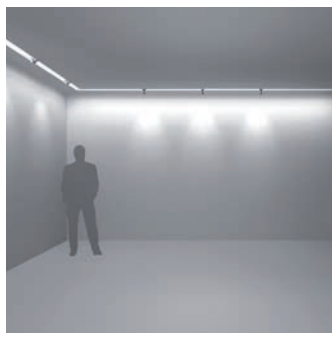
Applications



Perimetric with indirect light

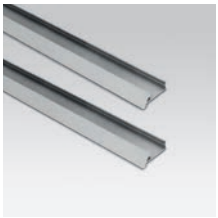


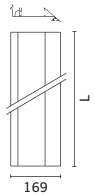
Linear



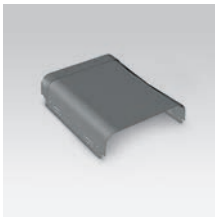
Perimetric with direct light

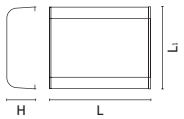
Bespoke





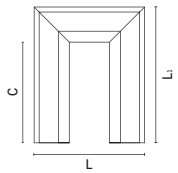
	length	code
Pair of aluminium structural sections		
	500	**MC66**
	1000	**MC67**
	2000	**MC68**
	3000	**MC69**





	length	code
Linear cover for false ceiling		
open 100		
	200	**M784**
	500	**M785**
	600	**M786**
	700	**M788**
L_1=415 - H=126		
open 180		
	200	**M789**
	500	**M790**
	600	**M791**
	700	**M793**
L_1=495 - H=196		

colour 01 white - 04 black

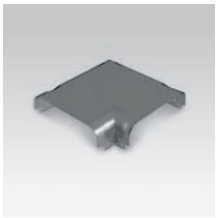


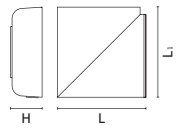
Pair of aluminium end caps for structural section

open 100 **MC70**
L_1=669 - L=438 - C=500

open 180 **MC71**
L_1=669 - L=518 - C=500

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



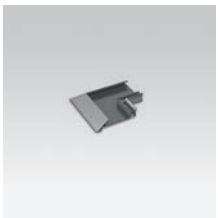


Angular cover for false ceiling

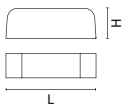
open 100
right **M794**
left **M795**
L=516 - L_1=493 - H=126

open 180
right **M796**
left **M797**
L=596 - L_1=573 - H=196

colour 01 white - 04 black



Internal angle 90° of aluminium **MC72**

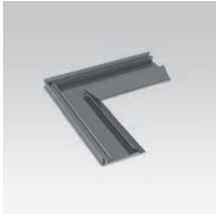


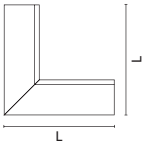
Cover end caps for false ceiling

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

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

colour 01 white - 04 black





External angle 90° of aluminium

open 100	505x505	**MC73**
open 180	585x585	**MC74**

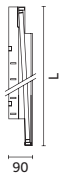
accessories

	code
Derma for installing structural sections colour 00 indeterminate Consult the instructions sheet for the use	**MWQ3**

Colours

01 WHITE	04 BLACK	12 ALLUMINIUM

Bespoke



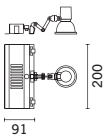
accessories

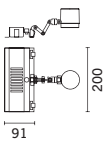
light source	W	length	code
T 16 (G5)	**Device for indirect emission designed for overlapping application**		
	Electronic		
	21/39 W	900	**M816**
	28/54 W	1200	**M817**
	35/49/80 W	1500	**M818**
	DALI		
	21/39 W	900	**M819**
	28/54 W	1200	**M820**
	35/49/80 W	1500	**M821**
	Emergency		
	35/49/80 W	1500	**M823**

colour 01 white

	code
Plate with terminal blocks colour 00 indeterminate	**MWQ0**
Power supply cable colour 00 indeterminate	**MWQ1**

	code
Cable with connectors for spaced connection colour 00 indeterminate	**MWQ2**





LED version

accessories

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

Complete with safety glass

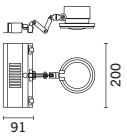
colour 01 white - 04 black

	code
Refractor for elleptical distribution for M802-M803-M805-M806 colour 24 clear transparent	**9425**
Coloured filters for M802-M803-M805-M806 colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**9405**
IR filter for M802-M803-M805-M806 colour 24 clear transparent	**9415**
UV filter for M802-M803-M805-M806 colour 24 clear transparent	**9433**

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

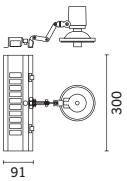
	code
Antiglare screen for M802-M803-M804 M805-M806-M807-M808 colour 43 black/black - 47 white/black It allows for installation of optional glasses	**MWP0**

Bespoke



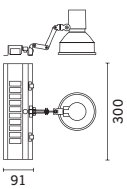
light source	W	Lm	optic	code
QR 111 (G53)	Electronic			
	50/75 W 12 V			**M809**

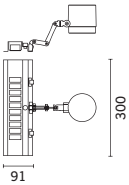
Only for use in open 180 channel opening



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

Only for use in open 180 channel opening





LED version

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

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

accessories

	code
Refractor for elleptical distribution for M812-M813-M814-M815 colour 24 clear transparent	**9463**
Coloured filters for M812-M813-M814-M815 colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**8782**
IR filter for M812-M813-M814-M815 colour 24 clear transparent	**8786**
UV filter for M812-M813-M814-M815 colour 24 clear transparent	**9435**

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

	code
Antiglare screen for M812-M813-M814-M815 colour 43 black/black - 47 white/black It allows for installation of optional glasses	**MWP2**
Antiglare screen for M809-M810-M811 colour 43 black/black - 47 white/black Not for use in association with optional glasses	**MWP1**

Colours

01 WHITE	04 BLACK

Anteprima
LPM 2007

Tilt

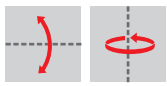
Palace of Exhibitions - Rome, Italy
Architectural project: arch. Firouz Galdo - Lighting project: arch. Michele De Lucchi - Photo: Gabriele Basilico

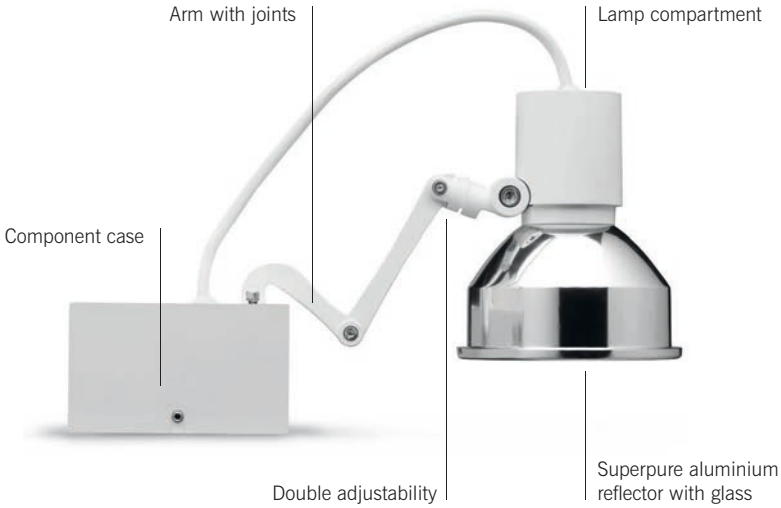
Tilt

Features

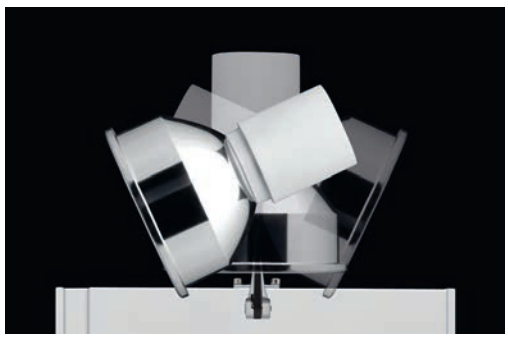
IP40

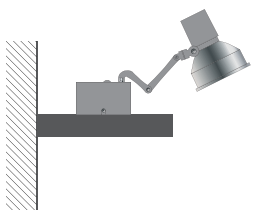
- Surface-mounted on a wall or turned through 180°.
- Die-cast and extruded aluminium.
- Mirror aluminium ultrapure reflectors.



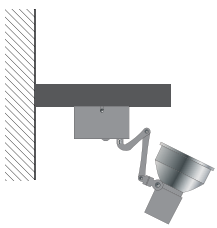


Adjustability and installation

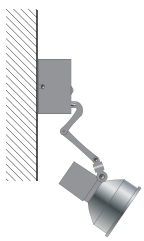




Installation above cornice



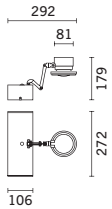
Installation under cornice



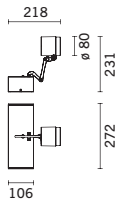
Wall installation

Tilt

accessories



MB20-MB21

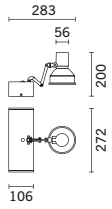


MB28-MB29

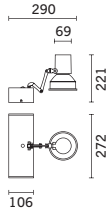
light source	W	Lm	optic	code
QR 111 (G53)	Electronic			
	75 W 12 V			**MB20**
	DALI			
	75 W 12 V			**MB21**
LED	Warm white Complete with power supply			
	17 W	1010	12°	**MB28**
	17 W	1010	20°	**MB29**

	code
Antiglare screen colour 43 black/black - 47 white/black	**MWP1**

accessories



MB22-MB23-MB24-MB25



MB26-MB27

light source	W	optic	code
HIT-TC-CE (G8,5)	Electronic		
	20 W	16°	**MB22**
	35 W	16°	**MB23**
	70 W	14°	**MB24**
	70 W	44°	**MB25**
HIT-CE (G12)	Electronic		
	150 W	14°	**MB26**
	150 W	36°	**MB27**

	code
Refractor for elleptical distribution colour 24 clear transparent	**9463**
Coloured filters colour 05 red - 06 yellow 09 sky blue - 24 clear transparent	**8782**
UV filter colour 24 clear transparent	**9435**

	code
Antiglare screen colour 43 black/black - 47 white/black It allows for installation of optional glasses	**MWP2**
Flat accessories must be installed in association with MWP2 anti-glare screen	

Colours

01 WHITE	15 GREY

General lighting systems

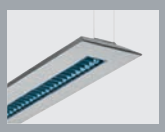
Modular fluorescent systems

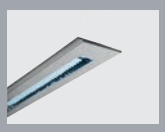
383 iPlan

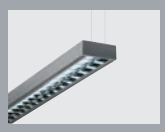
391 iPlan LED
LED

397 Lightshine
LED

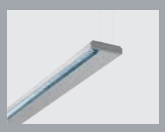
403 Lens


411 Light air

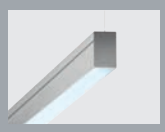

415 Mini Light air


421 Action
LED

429 Cestello FL


435 OFX

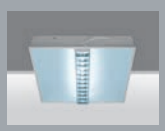
441 Y Light


447 iN 90 - iN 60

447 iN 30
LED

Recessed fluorescent luminaires

470 Wide plus


472 Wide

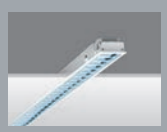
474 Wide basic

481 Base Lighting

484 Galaxy T16

489 Sivra Compact

489 Compact Easy


493 Lineup

"Il Cielo" (The Sky), the new iGuzzini España headquarters
Architectural project: Josep Miàs, MiAS Arquitectes - Photo: Adrià Goula, MiAS Arquitectes

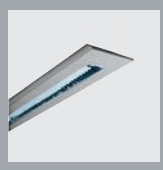
General lighting systems

383 iPlan
391 iPlan LED

397 Lightshine

403 Lens

411 Light air



415 Mini Light air

421 Action

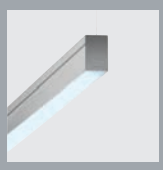
429 Cestello FL

	383 iPlan 391 iPlan LED	397 Lightshine	403 Lens	411 Light air	415 Mini Light air	421 Action	429 Cestello FL
Diffuse general light	● *	●		●	●	●	●
Low luminance light	●	●	●	●	●	●	●
Up/down light	●	●	●	●	●	●	●
Recessed installation	●		●			●	
Ceiling application	●		●		●		
Wall installation	● **						
Pendant installation	●	●	●	●	●		●
Modular system		●	●	●		●	●
Free-standing version	● **						

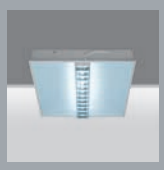
* for LED versions - ** for FL versions

435 OFX

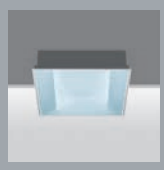
441 Y Light



447 iN90 - iN60 - iN30



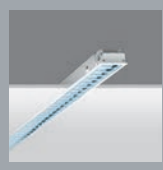
470 Wide plus
472 Wide
474 Wide basic



481 Base Lighting

484 Galaxy T16

489 Sivra Compact/ Compact Easy



493 Lineup

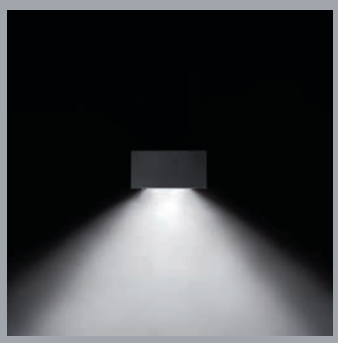
	•			•		•	•
•	•		•		•	•	•
•	•					•	•
		•	•	•	•	•	•
		•			•	•	•
	•						
•	•	•				•	•
		•				•	•
	•						

General lighting systems

Lighting design features

Controlled luminance

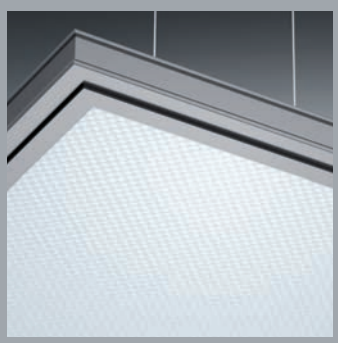
Luminaires equipped with these optic (L≤1000 cd/m^2 for α<65°) are suitable for use in environments with video terminals in accordance with EN 12464-1.



High output

The optimum design of these luminaires with the right combination of lamps means that they comply with European regulations, guaranteeing a high level of light output and therefore energy saving.

Opal diffuser
Luminaires with frosted polycarbonate diffuser screen guarantee diffused, uniform light distribution.

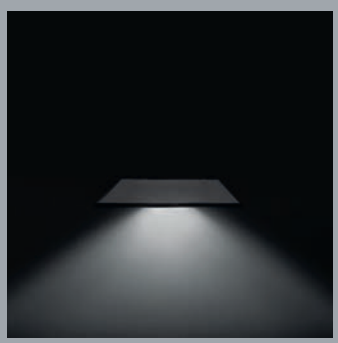


Microprismatic diffuser
Luminaires with a micro-prismatic screen provide high level light output and perfect luminance control UGR<19.

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.

Direct/indirect lighting



Direct lighting

Indirect lighting

General lighting systems

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.

Installation

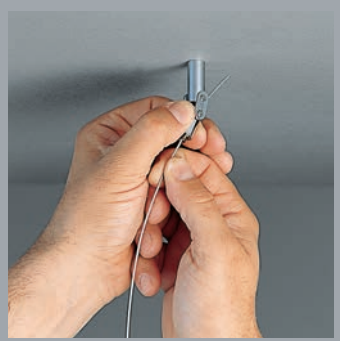
Single and continuous line pendant luminaires
Luminaires are available in the “single” version complete with power supply base and suspension cables, or in the “continuous line” version for modular installation.

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.



General lighting systems

Modular recessed luminaires

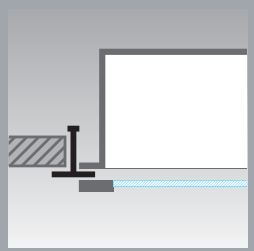
Modular recessed luminaires are designed for offices, meeting rooms, business premises, dealerships, waiting rooms and transit zones with standard module false ceilings. These luminaires have many advantages: reduced height, rapid fixing, easy installation.

Reduced height

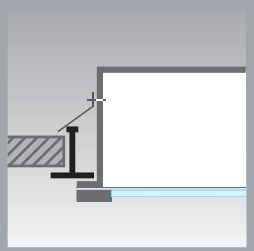
The extremely limited height of these luminaires means that they can even be fitted in the lowest false ceilings.

Installation

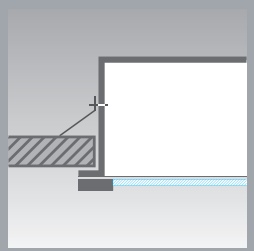
Special accessories are used to install these modular recessed luminaires in any type of false ceiling and/or wall.



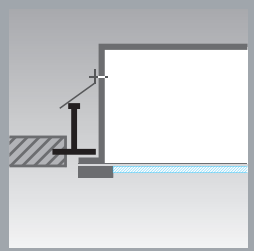
Grid installation from above



Grid installation from below



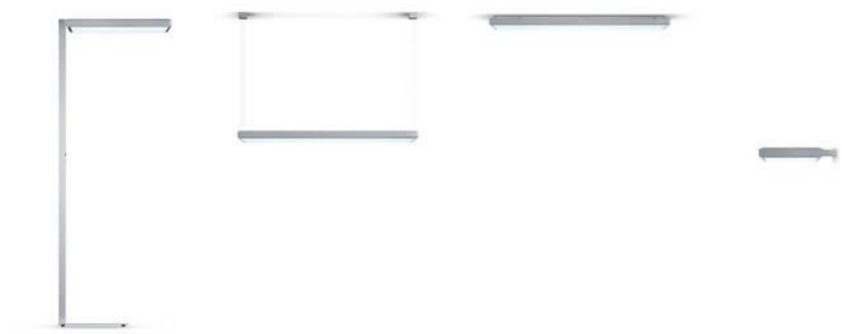
Plasterboard application



Installation: recessed in false ceiling frame from below

Capstone Theatre - Liverpool, United Kingdom
Architectural project: DV Architects - Photo: James Newton Photographs

iPlan



free-standing | pendant | ceiling-mounted | wall-mounted

Thyssen Krupp Hauptverwaltung - Essen, Germany

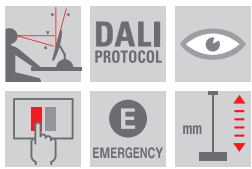
Architectural project: arch. TKQ, JSWD Architekten and Chaix & Morel et Associés
Lighting project: Licht Kunst Licht - Photo: Christian Richters

iPlan

Features

IP20

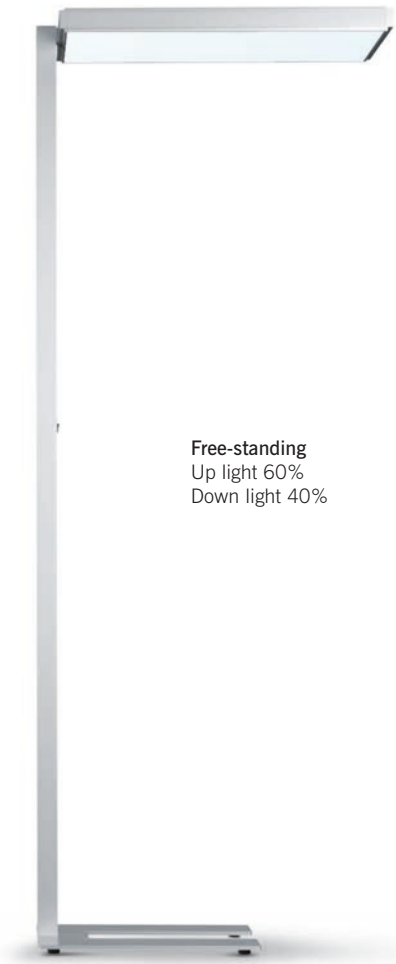
- Direct/indirect light emission fluorescent fitting.
- Available in suspended, ceiling mounted, wall-mounted and floor versions.
- Optical assembly with lateral profiles in extruded aluminium; injection molded polycarbonate end caps; steel sheet internal casing cover; methacrylate diffuser screen with microprisms and transflective film.
- Versions with electronic control gear, DALI and with inverter.
- Floor versions: 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).



Versions

Available in the following versions:
- Wall-mounted
- Ceiling-mounted
- Free-standing

Ceiling-mounted



Free-standing
Up light 60%
Down light 40%

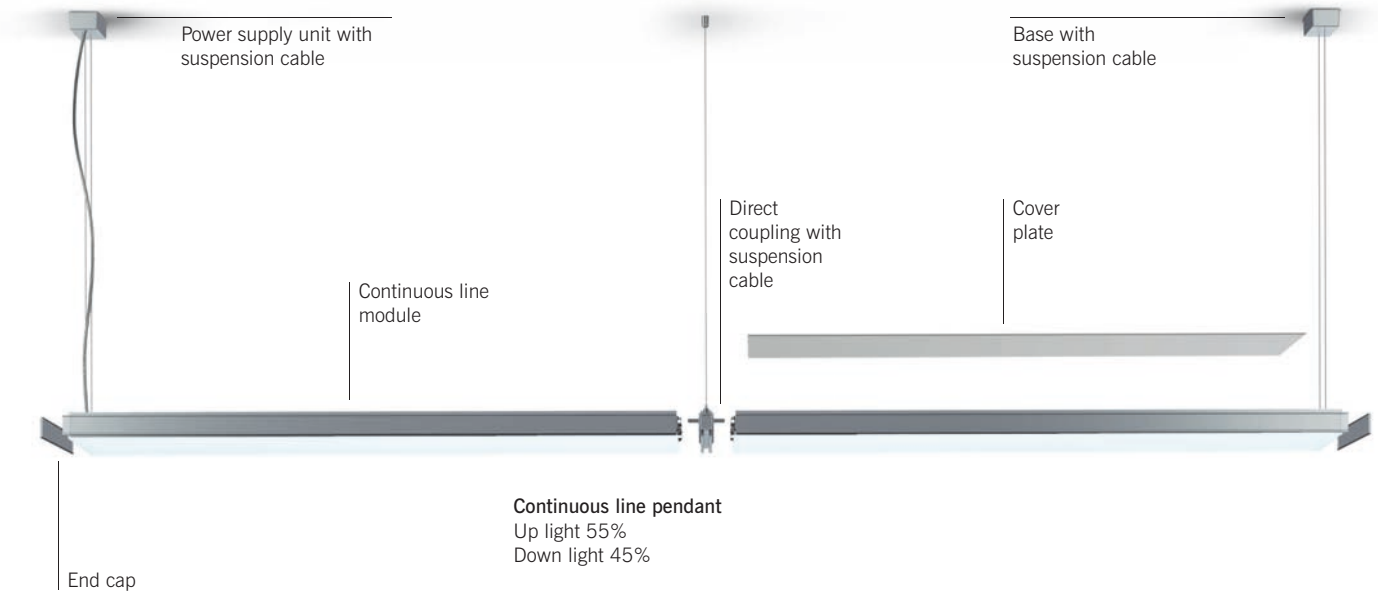
Wall-mounted
Up light 60%
Down light 40%

iPlan

Pendant versions

Pendant lamp available in the following version:
- single, complete with end caps and suspension/power supply system
- continuous line

Individual pendant
Up light 55%
Down light 45%



Continuous line pendant
Up light 55%
Down light 45%

iPlan

Light distribution

Up/down light
Double light emission for the pendant, wall-mounted and ground versions.

UGR<19
L<1500 cd/m² α>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 α>65°

Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,333
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	UGR<19			
	h=3m		h=6m	
	N	W/m²	N	W/m²
T16 2x28	15	15,36	18	18,43
T16 2x35	12	15,36	15	19,2
T16 2x49	10	17,92	12	21,5
T16 2x54	8	15,87	12	23,81

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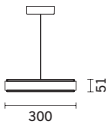
Complete pendants



light source	W	length	code
	Up/down light - UGR<19		
T16 (G5)	Multiwatt		
	2x35/49W	1500	**MC79**
	2x28/54W	1200	**MC80**
	DALI multiwatt		
	2x35/49W	1500	**MC81**
	2x28/54W	1200	**MC82**
	Multiwatt and permanent emergency light		
	2x35/49W	1500	**MC83**

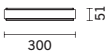
DALI versions occupies 1 address
Complete with end cap, power supply base and suspension cables L=1500

accessories

Upper cover for down light emission — code
for versions L=1500 **MWX6**
for versions L=1200 **MWX5**
colour 01 white - 15 grey

Upper safety screen — code
for versions L=1500 **MWX2**
for versions L=1200 **MWX1**
colour 24 clear transparent

Modules for continuous lines



light source	W	length	code
	Up/down light - UGR<19		
T16 (G5)	Multiwatt		
	2x35/49W	1500	**MC84**
	2x28/54W	1200	**MC85**
	DALI multiwatt		
	2x35/49W	1500	**MC86**
	2x28/54W	1200	**MC87**
	Multiwatt and permanent emergency light		
	2x35/49W	1500	**MC88**

DALI versions occupies 1 address

accessories

Upper cover for down light emission — code
for modules L=1500 **MWX6**
for modules L=1200 **MWX5**
colour 01 white - 15 grey

Upper safety screen — code
for modules L=1500 **MWX2**
for modules L=1200 **MWX1**
colour 24 clear transparent

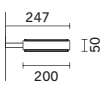
Two end caps **MWX7**
colour 24 clear transparent

Direct coupling with suspension cable L=1500 **MWX8**
colour 01 white - 15 grey

Power supply base with suspension cables L=1500 — code
5 pole **MWX9**
for electronic versions
8 pole **MWY0**
for DALI and emergency
colour 01 white - 15 grey

Base with suspension cables L=1500 **MWY1**
colour 01 white - 15 grey

Wall-mounted



light source	W	length	code
	Up/down light		
TC-L (2G11)	Electronic		
	2x55W	640	**5018**
	DALI		
	2x55W	640	**5019**
	Electronic and permanent emergency light		
	2x55W	640	**5020**

DALI versions occupies 1 address

accessories

Upper safety screen **MWX4**
colour 24 clear transparent

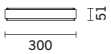
Colours

01
WHITE

15
GREY

iPlan

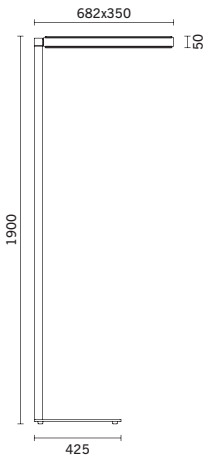
Ceiling-mount



light source	W	length	code
	UGR<19		
T16 (G5)	Multiwatt		
	2x35/49 W	**1500**	**5187**
	2x28/54 W	**1200**	**5188**
	DALI multiwatt		
	2x35/49 W	**1500**	**5189**
	2x28/54 W	**1200**	**5190**
	Multiwatt and permanent emergency light		
	2x35/49 W	**1500**	**5191**

DALI versions occupies 1 address

Floor lamps



light source	W	code
	Up/down light	
TC-L (2G11)	Electronic double switch on	
	4x28 W	**4580**
	4x55 W	**4581**
	DALI	
	4x28 W	**4583**
	4x55 W	**4584**
	DALI ACTILUME with motion and lux sensors	
	4x28 W	**4586**
	4x55 W	**4587**
	Up/down light - UGR<19	
	Electronic double switch on	
	28 W up	**4582**
	2x55 W down	
	DALI	
	28 W up	**4585**
	2x55 W down	
	DALI ACTILUME with motion and lux sensors	
	28 W up	**4588**
	2x55 W down	

Equipped with a L= 2500 mm cable with a plug

accessories

Upper safety screen **MWX3**
colour 24 clear transparent

Remote control for ACTILUME versions **9704**
for 4586-4587-4588
colour 04 black

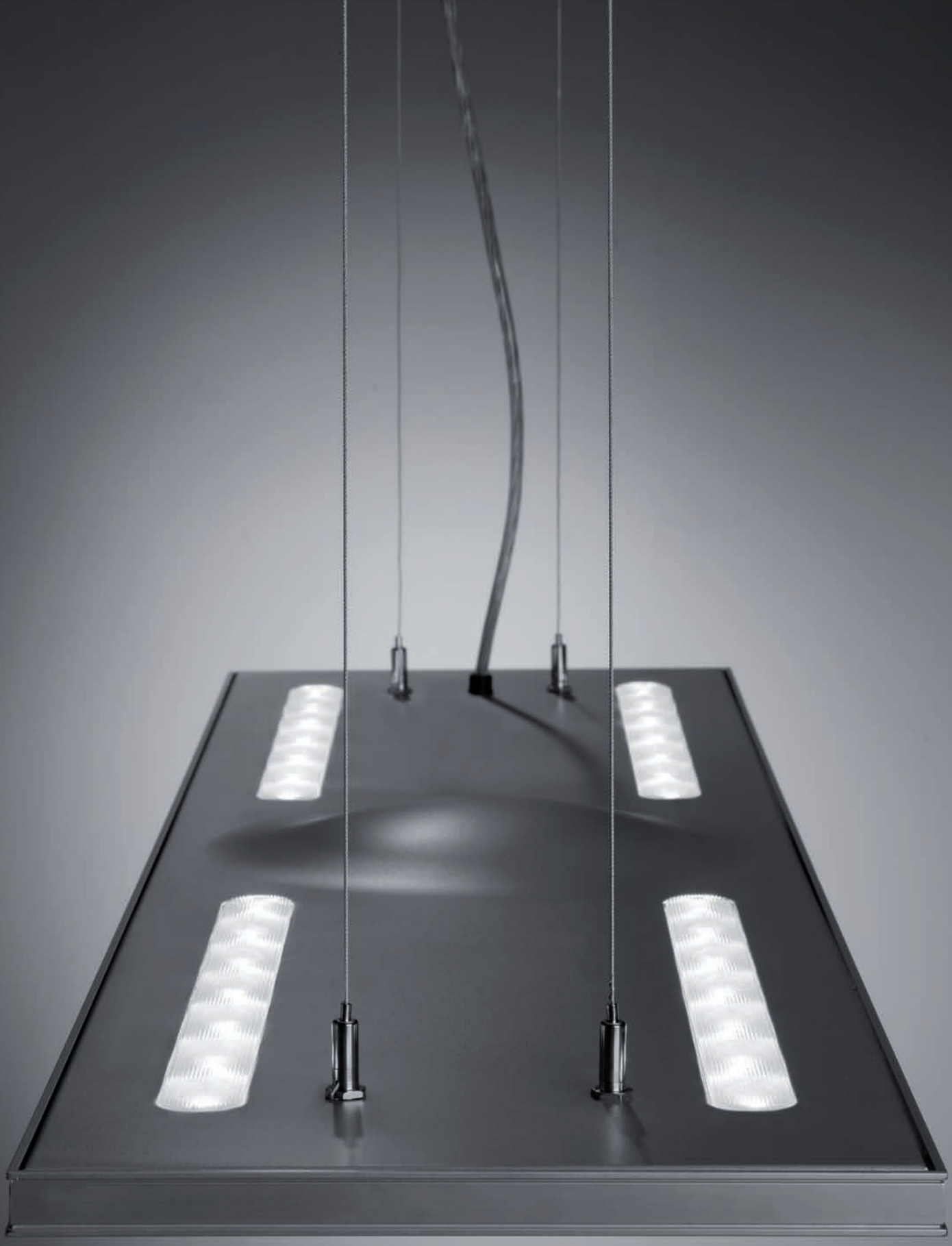
New CSOB headquarters - Prague, Czech Republic

Architectural project: Josef Pleskot - Ap atelier
Lighting project: Lubomír Benýšek, Elis Praha -Photo: Petr Janzura

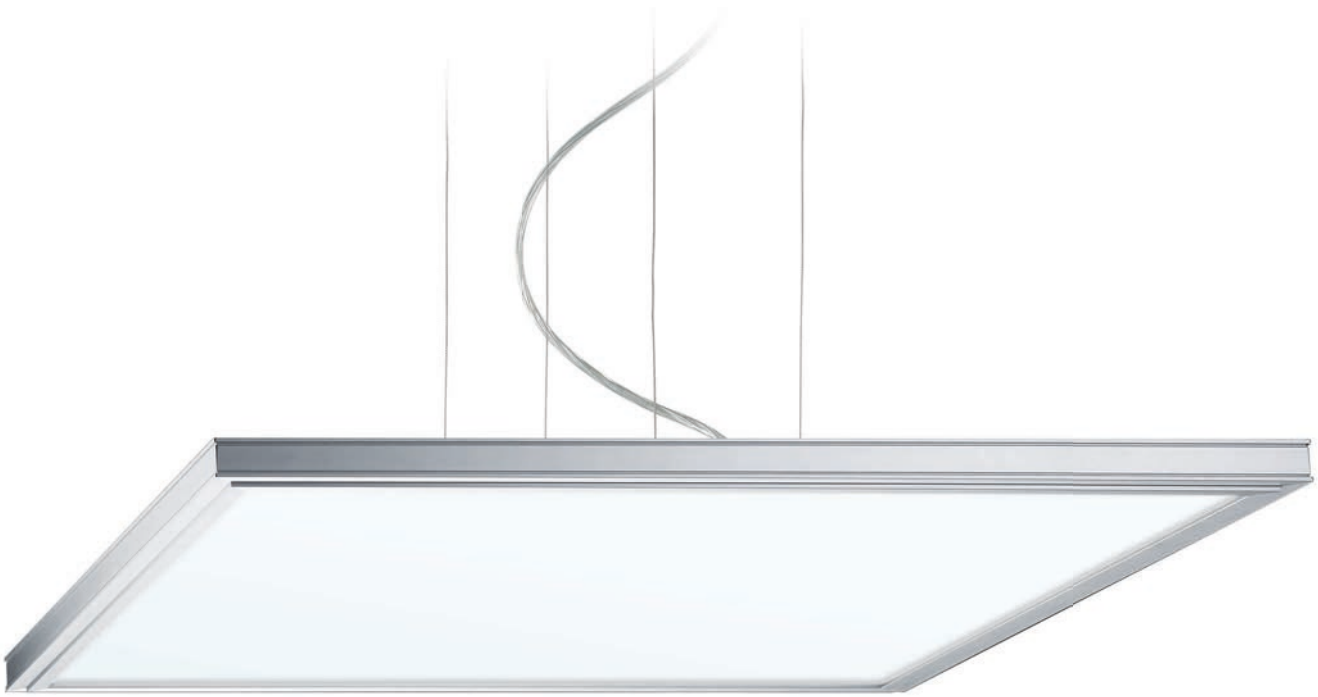
Colours

01
WHITE

15
GREY



iPlan LED



pendant | recessed | ceiling-mounted | wall-mounted

iPlan LED

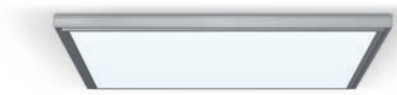
Features

IP20

- Direct/indirect light emission LED fitting (only suspended).
- 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 control gear and DALI.
- Suspension versions ready for contemporary start of both light emissions (direct and indirect); complete with driver, suppor cables L=1500mm 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.

Versions

Available in the following versions:
- Wall/ceiling-mounted
- Recessed
- Pendant



Ceiling-mounted installation

Recessed

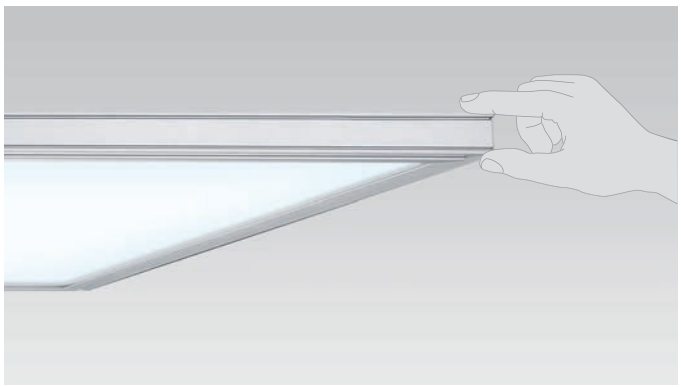
Wal-mounted installation

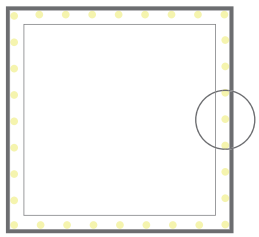
Pendant
Up light 20%
Down light 80%

iPlan LED

Compact size

The thinness of the product is obtained thanks to the positioning of the LEDs on the perimeter of the lamp body.
This innovative optical principle creates a uniform, highly efficient luminous surface with a limited number of LEDs.





Optical principle

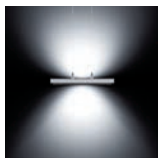
Light distribution

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 level light output and perfect luminance control UGR<19.



Up/down light
for pendant

Down light
for recessed
and wall/ceiling mounted

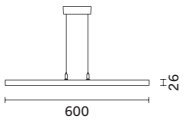
Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,333
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	Opal (down only)				Microprismatic (down only)			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
LED 1x51	8	7,72	10	9,65	6	5,79	8	7,72

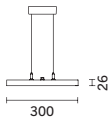
iPlan LED

Pendant



light source	W	Lm	length	code
LED	**Up/down light - Low contrast**			
	Neutral white			
	60 W	7280	600	**ME68**
	Warm white			
	60 W	6770	600	**ME69**
	Neutral white DALI			
	60 W	7280	600	**ME70**
	Warm white DALI			
	60 W	6770	600	**ME71**
	Up/down light - High contrast UGR<19			
	Neutral white			
	60 W	7280	600	**ME72**
	Warm white			
	60 W	6770	600	**ME73**
	Neutral white DALI			
	60 W	7280	600	**ME74**
	Warm white DALI			
	60 W	6770	600	**ME75**

DALI versions occupies 1 address
Complete with power supply base
and suspension cables L=1500

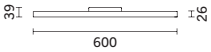


light source	W	Lm	length	code
LED	**Up/down light - Low contrast**			
	Neutral white			
	60 W	7280	1200	**ME76**
	Warm white			
	60 W	6770	1200	**ME77**
	Neutral white DALI			
	60 W	7280	1200	**ME78**
	Warm white DALI			
	60 W	6770	1200	**ME79**
	Up/down light - High contrast UGR<19			
	Neutral white			
	60 W	7280	1200	**ME80**
	Warm white			
	60 W	6770	1200	**ME81**
	Neutral white DALI			
	60 W	7280	1200	**ME82**
	Warm white DALI			
	60 W	6770	1200	**ME83**

DALI versions occupies 1 address
Complete with power supply base
and suspension cables L=1500

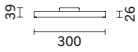
iPlan LED

Recessed/wall/ceiling-mounted



light source	W	Lm	length	code
LED	**Low contrast**			
	Neutral white			
	51 W	6240	600	**ME84**
	Warm white			
	51 W	5800	600	**ME85**
	Neutral white DALI			
	51 W	6240	600	**ME86**
	Warm white DALI			
	51 W	5800	600	**ME87**
	High contrast UGR<19			
	Neutral white			
	51 W	6240	600	**ME88**
	Warm white			
	51 W	5800	600	**ME89**
	Neutral white DALI			
	51 W	6240	600	**ME90**
	Warm white DALI			
	51 W	5800	600	**ME91**

DALI versions occupies 1 address



light source	W	Lm	length	code
LED	**Low contrast**			
	Neutral white			
	51 W	6240	1200	**ME92**
	Warm white			
	51 W	5800	1200	**ME93**
	Neutral white DALI			
	51 W	6240	1200	**ME94**
	Warm white DALI			
	51 W	5800	1200	**ME95**
	High contrast UGR<19			
	Neutral white			
	51 W	6240	1200	**ME96**
	Warm white			
	51 W	5800	1200	**ME97**
	Neutral white DALI			
	51 W	6240	1200	**ME98**
	Warm white DALI			
	51 W	5800	1200	**ME99**

DALI versions occupies 1 address

Ceiling/wall-mounted installation

	code
Installation kit	
for modules 600x600	**MX49**
for modules 300x1200	**MX50**
colour 00 indeterminate	

Recessed installation

	code
Adapter for installation in plasterboard false ceilings	
for modules 600x600	**9695**
for modules 300x1200	**9689**
colour 00 indeterminate	

	code
Adapter for installation in false ceilings with 625x625 tiles	**MX76**
colour 00 indeterminate	

Colours

12
ALLUMINIUM

Lightshine

design Bruno Gecchelin

complete pendant

continuous line pendant

Lightshine

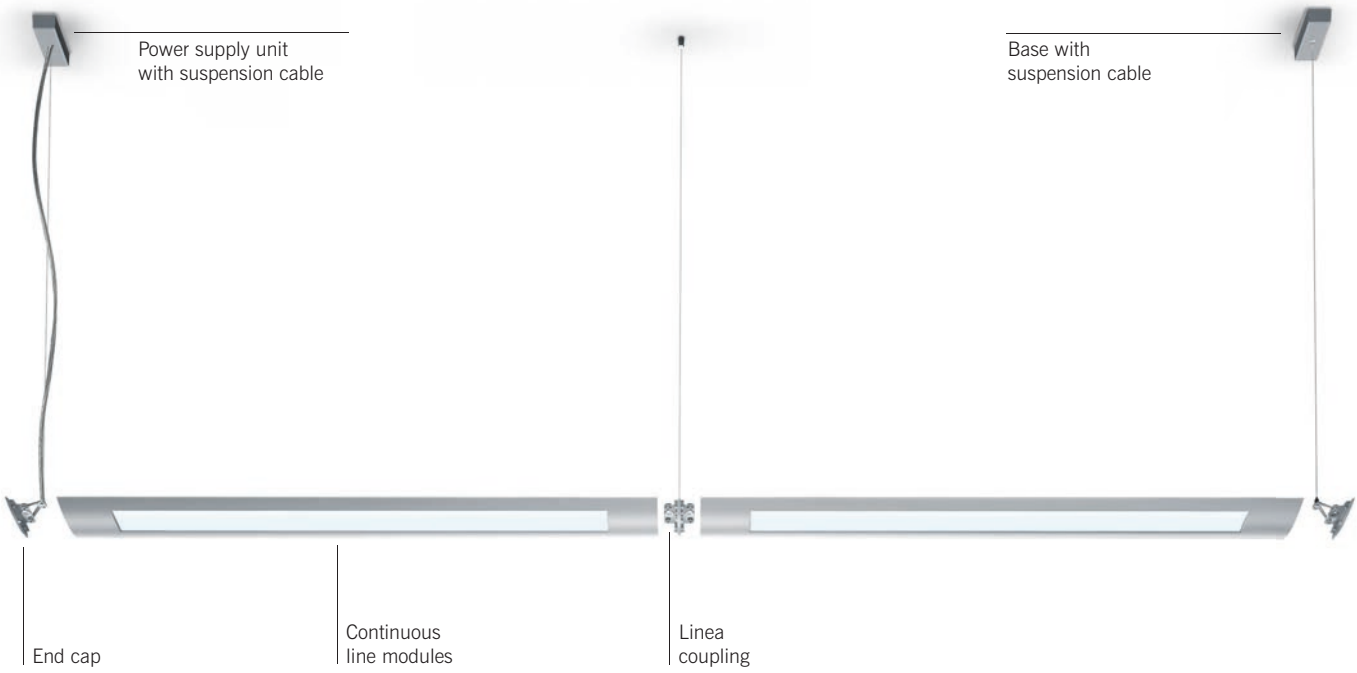
Features

IP20

- Suspended direct/indirect light emission LED system.
- Manufactured in very thin aluminium profile; thermoplastic end caps.
- 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.

Pendant

Individual version
Complete with end cap and suspension/control gear system



Lightshine

Light distribution

The Lightshine optical principle features light flow splitting into up/ down light and the product is available in versions with high or low contrast lighting.

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%

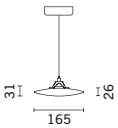
Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,333
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	General light - Low Contrast				UGR<19 - High Contrast (down only)			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
LED 1x60	8	9	10	11,25	-	-	-	-
LED 1x31	-	-	-	-	10	5,86	10	5,86

Lightshine

Complete pendants



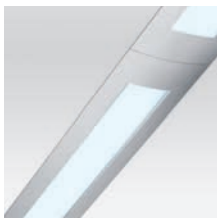
light source	W	Lm	length	code
LED	Up/down light - Low contrast			
	Neutral white			
	60 W	7200	1387	**MJ29**
	Warm white			
	60 W	6600	1387	**MJ30**
	Neutral white DALI			
	60 W	7200	1387	**MJ31**
	Warm white DALI			
	60 W	6600	1387	**MJ32**

Complete with end cap, power supply base and suspension cables L=1500

light source	W	Lm	length	code
LED	Up/down light - High contrast UGR<19			
	Neutral white			
	56 W	5260	1284	**MJ21**
	Warm white			
	56 W	4900	1284	**MJ22**
	Neutral white DALI			
	56 W	5260	1284	**MJ23**
	Warm white DALI			
	56 W	4900	1284	**MJ24**

Complete with end cap, power supply base and suspension cables L=1500

Continuous line modules



light source	W	Lm	length	code
LED	Up/down light - Low contrast			
	Neutral white			
	60 W	7200	1381	**MJ33**
	Warm white			
	60 W	6600	1381	**MJ34**
	Neutral white DALI			
	60 W	7200	1381	**MJ35**
	Warm white DALI			
	60 W	6600	1381	**MJ36**

light source	W	Lm	length	code
LED	Up/down light - High contrast UGR<19			
	Neutral white			
	56 W	5260	1278	**MJ25**
	Warm white			
	56 W	4900	1278	**MJ26**
	Neutral white DALI			
	56 W	5260	1278	**MJ27**
	Warm white DALI			
	56 W	4900	1278	**MJ28**

accessories

	code
Two end caps colour 01 white 86 Dark metallic grey	**MX70**
Linear coupling complete with suspension cable colour 01 white 86 dark metallic grey	**MX71**

For information on system composition please refer to the instructions sheet

	code
Power supply unit with suspension cable L=1500 colour 01 white	**MX72**
Suspension cable L=1500 colour 00 indeterminate	**MX73**

Colours

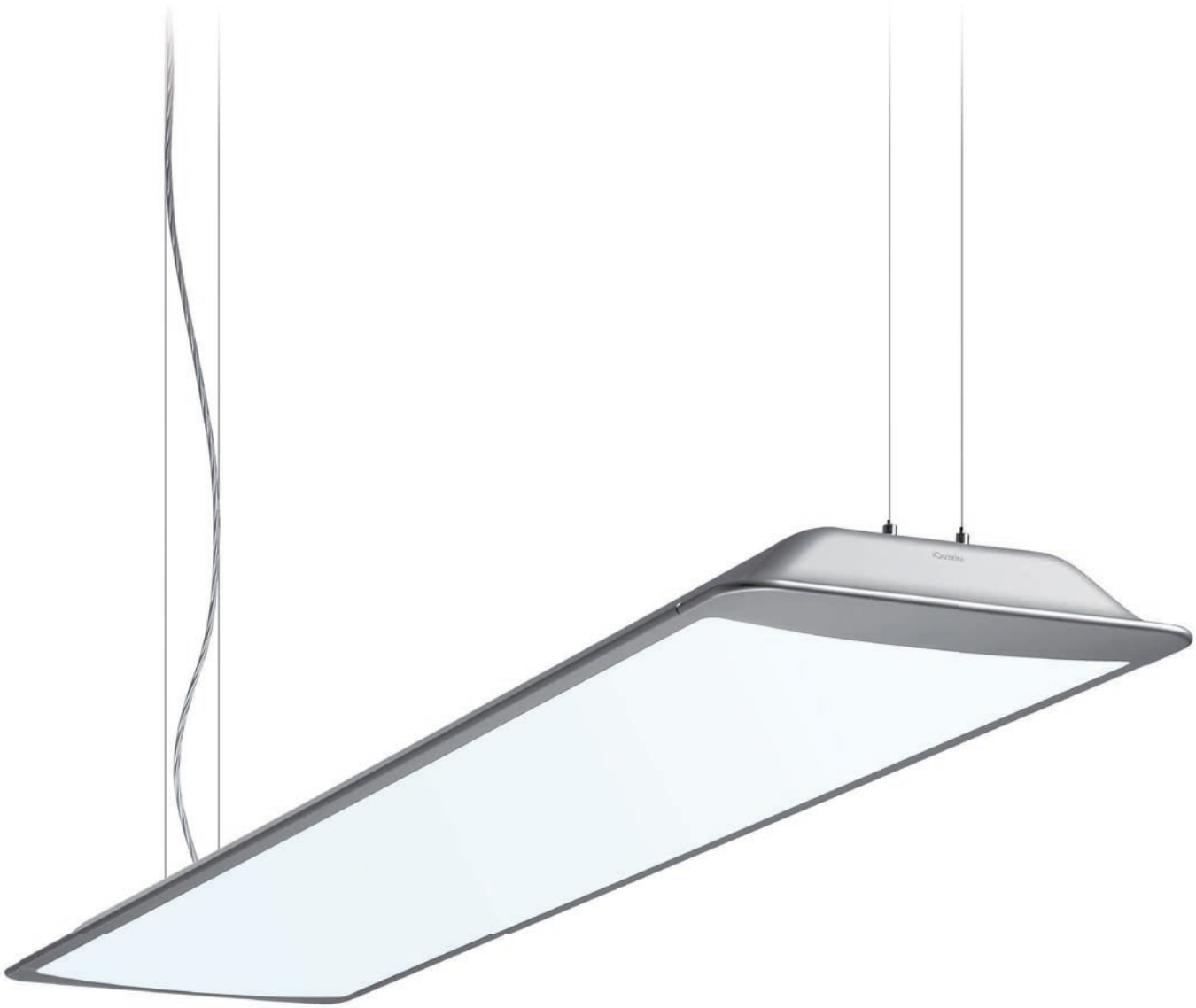
01
WHITE

15
GREY

Lens

design Iosa Ghini

iF Design Award



complete pendant

continuous line pendant

ceiling-mounted

recessed

IBM Software headquarters - Rome, Italy

Architectural project: Iosa Ghini Associati - Lighting project: Iosa Ghini Associati - Photo: Santi Caleca

Lens pendant

Features

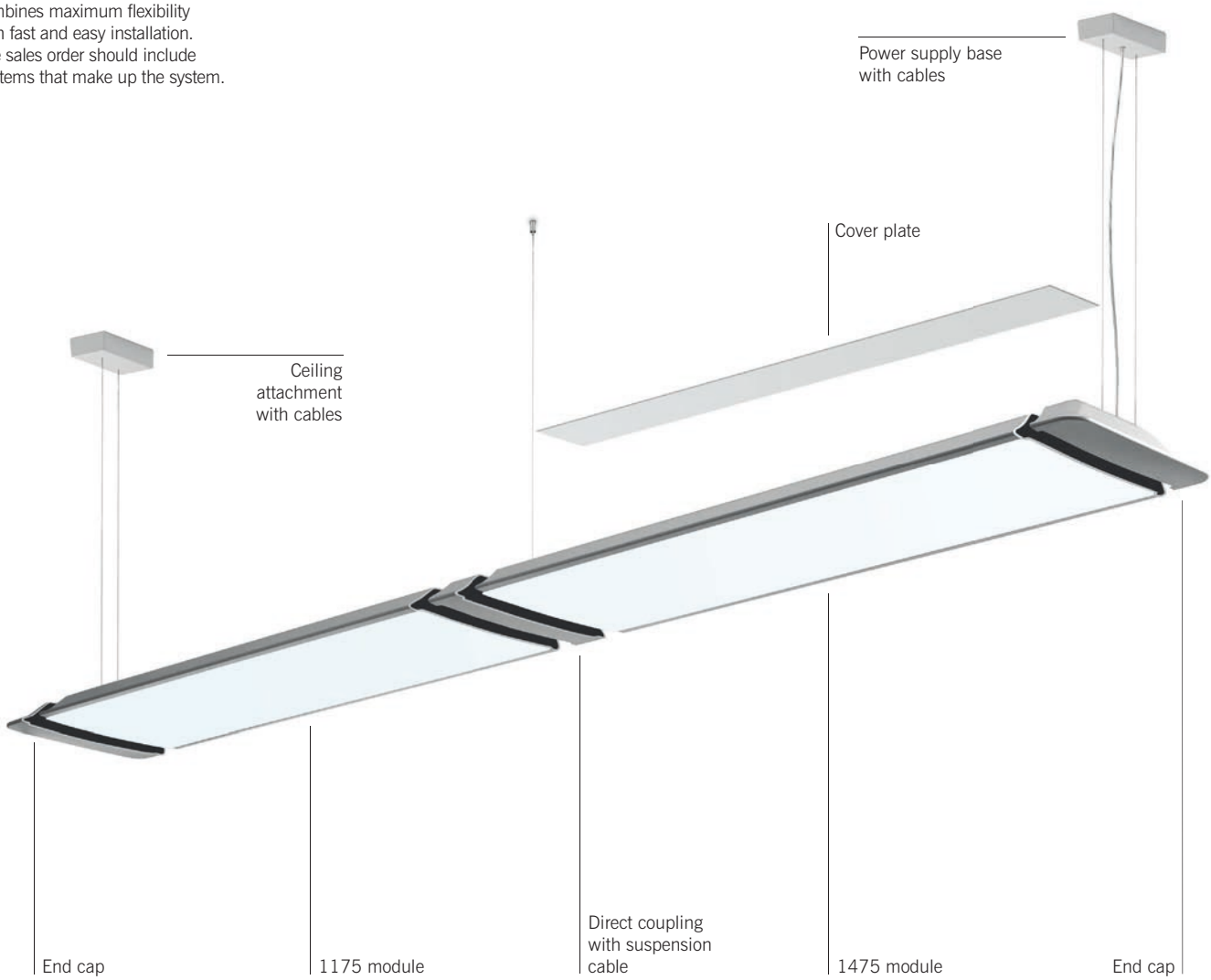
IP20

- Pendant and ceiling-mounted.
- Extruded aluminium body.
- Injection moulded plastic end caps.
- Prismatic methacrylate diffuser screen for excellent luminance control.

DALI PROTOCOL
SWITCH DIM FL
MULTI W
EMERGENCY
mm

System composition

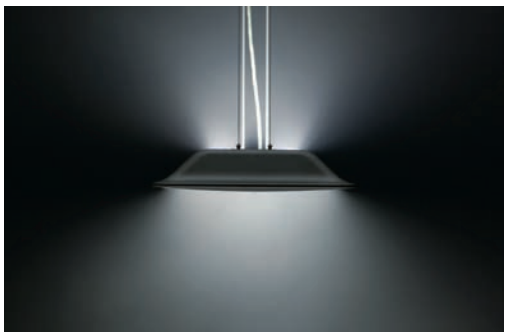
Lens in continuous line version combines maximum flexibility with fast and easy installation. The sales order should include all items that make up the system.



Lens pendant

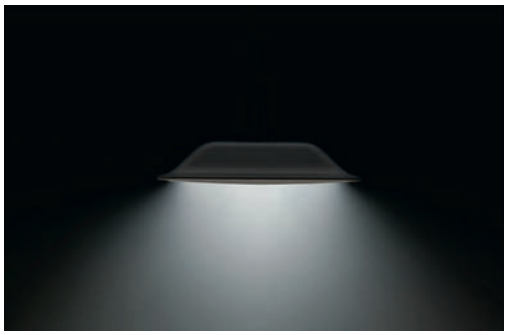
Light distribution

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 ceiling-mounted version can also be obtained on the pendant version by fitting the upper cover.



UGR<19
ECA Compliance
1500 cd/m² 65° (2x28/35 W)

Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,333
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	Up/down light				Down light (*)			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
T16 2x28	15	15,36	18	18,43	12	12,29	15	15,36
T16 2x54	8	15,87	10	19,84	8	15,87	10	19,84
T16 2x35	10	12,48	15	18,72	10	12,48	12	14,98
T16 2x49	8	14,34	10	17,92	8	14,34	10	17,92

* Light emission which can be obtained using the cover accessory

Optical solution

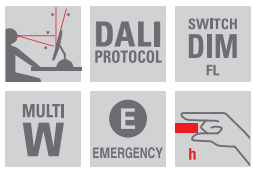
The innovative optical principle benefits from the advantages of the **prismatized methacrylate diffuser** to maintain excellent luminance control in a clean shape, guaranteeing a wide, diffused up light emission and a visually comfortable down light emission (UGR <19).
Lens creates suggestive atmospheres, in full compliance with standard EN 12464-1, being the ideal product for offices and work places with VDUs thanks to the glare control that favours reading and working activities.

Lens recessed

Features

IP43

- Recessed installation.
- White ready-painted sheet steel body.
- Prismatic methacrylate diffuser screen for excellent luminance control.
- Methacrylate optical diffuser for direction of luminous rays with optimized geometrical elements.



Light distribution

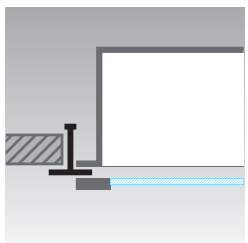
High output UGR<19
1000 cd/m² 65° UGR<16
(2x35 W and 4x14 W)
1500 cd/m² 65° UGR<19
(2x54 W and 4x24 W)

Lighting design values

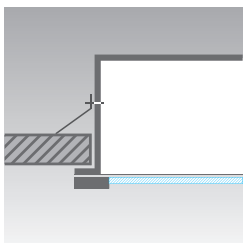
Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,0
- Work table height = 0,75 m
- Fattore di manutenzione MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	Down light			
	h=3m		h=6m	
	N	W/m²	N	W/m²
T16 4x14	35	35,84	50	51,2
T16 4x28	24	41,47	36	62,21
T16 2x28	18	18,43	24	24,58
T16 2x54	10	19,84	15	29,76

Installation



Grid installation from above



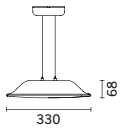
Plasterboard application with accessory 9695-9689

IBM Software headquarters - Rome, Italy
Architectural project: Iosa Ghini Associati
Lighting project: Iosa Ghini Associati - Photo: Santi Caleca

IBM Rome Lab History
IBM
1979-1980
Early 1990
Late 1990
2000-2007
2008-2009
TODAY

Lens

Complete pendants



light source	W	length	code
	Up/down light		
T 16 (G5)	Multiwatt		
	2x28/54 W	1277	**M293**
	2x35/49 W	1577	**M294**
	DALI multiwatt		
	2x28/54 W	1277	**M295**
	2x35/49 W	1577	**M296**
	Multiwatt and permanent emergency light		
	2x35/49 W	1577	**M297**

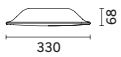
DALI versions occupies 1 address
Complete with power supply base and suspension cables L=1500

accessories

	code
Upper cover for down light emission for versions L=1277	**MWE4**
for versions L=1577	**MWE5**
colour 01 white - 15 grey	

	code
Upper safety screen for versions L=1277	**MWE2**
for versions L=1577	**MWE3**
colour 24 clear transparent	

Continuous line modules



light source	W	length	code
	Up/down light		
T 16 (G5)	Multiwatt		
	2x28/54 W	1175	**M298**
	2x35/49 W	1475	**M299**
	DALI multiwatt		
	2x28/54 W	1175	**M300**
	2x35/49 W	1475	**M301**
	Multiwatt and permanent emergency light		
	2x35/49 W	1475	**M302**

DALI versions occupies 1 address

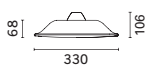
accessories

	code
Upper cover for down light emission for modules L=1175	**MWE4**
for modules L=1475	**MWE5**
colour 01 white - 15 grey	
Upper safety screen for modules L=1175	**MWE2**
for modules L=1475	**MWE3**
colour 24 clear transparent	
Two end caps	**MW98**
colour 01 white - 15 grey	

For information on system composition please refer to the instructions sheet

	code
Direct coupling with suspension cablee L=1500	**MW99**
colour 01 white - 15 grey	
Power supply base with suspension cables L=1500 for electronic versions	**MWA0**
for DALI and emergency	**MWA1**
colour 01 white	
Base with suspension cables L=1500	**MWA2**
colour 01 white	

Ceiling-mounted

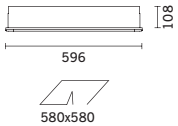


light source	W	length	code
T 16 (G5)	Multiwatt		
	2x28/54 W	1277	**M303**
	2x35/49 W	1577	**M304**
	DALI multiwatt		
	2x28/54 W	1277	**M305**
	2x35/49 W	1577	**M306**
	Multiwatt and permanent emergency light		
	2x35/49 W	1577	**M307**

DALI versions occupies 1 address

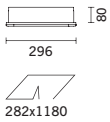
Lens

Recessed



light source	W	length	code
T 16 (G5)	Multiwatt		
	4x14/24 W	596	**M308**
	DALI multiwatt		
	4x14/24 W	596	**M309**
	Multiwatt and permanent emergency light		
	4x14/24 W	596	**M310**

DALI versions occupies 2 addresses



light source	W	length	code
T 16 (G5)	Multiwatt		
	2x28/54 W	1196	**M311**
	DALI multiwatt		
	2x28/54 W	1196	**M312**
	Multiwatt and permanent emergency light		
	2x28/54 W	1196	**M313**

DALI versions occupies 1 address

accessories

	code
Adapter for installation in plasterboard false ceilings	
for square versions	**9695**
for rectangular versions	**9689**
colour 00 indeterminate	

Colours

01
WHITE

15
GREY

Light air

design Bruno Gecchelin

Light air

Features

IP20

- Pendant installation.
- Galvanised, painted sheet steel body.
- Versions with diffused light and dark VDU emission, using super-pure aluminium reflector.

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.

Down light emission with cover accessory.

Up/down light

Down light

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.

Down Light emission with cover accessory.

Up/down light

Down light

General light up light
Module for total emission general up light.

Up light

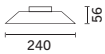
Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,333
- Work table height= 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	General light				Darklight				General light (*)			
	h=3m		h=6m		h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²	N	W/m²	N	W/m²
T16 2x28	-	-	-	-	18	17,28	24	23,04	-	-	-	-
T16 2x35	15	18,72	21	26,21	-	-	-	-	-	-	-	-
T16 2x54	-	-	-	-	10	19,84	12	23,81	12	23,81	15	29,76
T16 2x80	8	23,3	12	34,94	-	-	-	-	-	-	-	-

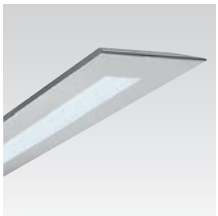
* Light emission which can be obtained using the cover accessory

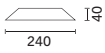
Light air



light source	W	length	code
	Darklight up/down light module		
T 16 (G5)	Electronic		
	2x28 W	1400	**3371**
	2x35 W	1700	**3372**
	2x54 W	1400	**3257**
	DALI		
	2x28 W	1400	**3393**
	2x35/49W	1700	**3394**
	2x54 W	1400	**3259**
	Electronic and and permanent emergency light with inverter		
	2x35 W	1700	**3376**

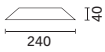
DALI versions occupies 1 address





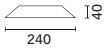
	General ligh up/down light module		
T 16 (G5)	Electronic		
	2x35 W	1700	**3377**
	2x54 W	1400	**3378**
	2x80 W	1700	**3255**
	DALI multiwatt		
	2x35/49 W	1700	**3395**
	2x28/54 W	1400	**3396**
	Electronic and and permanent emergency light with inverter		
	2x35 W	1700	**3381**

DALI versions occupies 1 address



	Up light module		
T 16 (G5)	Electronic		
	2x35 W	1700	**3382**
	2x54 W	1400	**3383**
	2x80 W	1700	**3256**
	DALI multiwatt		
	2x35/49 W	1700	**3397**
	2x28/54 W	1400	**3398**
	Electronic and and permanent emergency light with inverter		
	2x35 W	1700	**3386**

DALI versions occupies 1 address



	Up-light decorative module		
T 16 (G5)	Electronic		
	2x35 W	1700	**3389**
	DALI multiwatt		
	2x35/49 W	1700	**3409**

DALI versions occupies 1 address

accessories

	code
Upper cover for down light emission	
for modules L=1400	**9151**
for modules L=1700	**9152**
for module Darklight colour 01 white - 15 grey	
Upper safety screen	
for modules L=1700	**9118**
for modules L=1400	**9119**
for module Darklight colour 24 clear transparent	
Upper safety screen	
for modules L=1700	**9121**
for modules L=1400	**9120**
for module general lighting colour 24 clear transparent	

For information on system composition please refer to the instructions sheet

	code
90° joint with end caps	**9110**
colour 01 white 86 dark metallic grey	
Intermediate coupling with suspension cable L=2000	**9111**
colour 01 white 86 dark metallic grey	
Base with suspension cables L=1500	**9168**
colour 01 white 86 dark metallic grey	
Power supply base with suspension cables L=1500	
for electronic versions	**9169**
for DALI and emergency	**9170**
colour 01 white 86 dark metallic grey Versions with transparent power-supply cable are supplied upon request	

Colours

01	15
WHITE	GREY

Mini Light air

design Bruno Gecchelin

iF Design Award

complete pendant

continuous line pendant

Fondation Nicolas Hulot - Boulogne, Billancourt, France

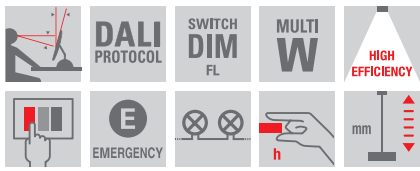
Architectural project: Nicolas Favet Architectes - Photo: Didier Boy de La Tour

Mini Light air

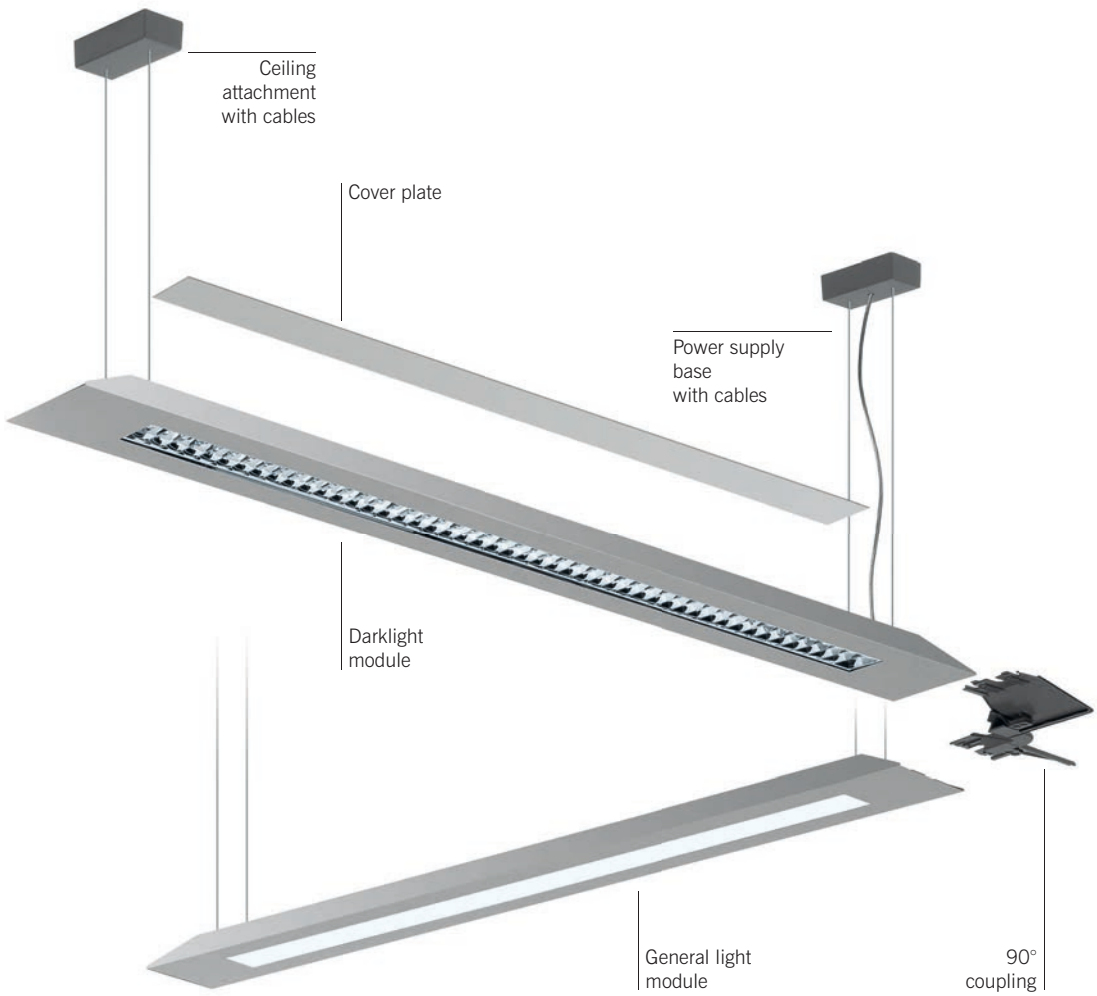
Features

IP20

- Pendant installation.
- Galvanised, painted sheet steel body.
- Injection moulded polycarbonate end caps.
- Lamellar optics with bi-parabolic profiles made of super-pure aluminium for the Darklight version.
- General light version with frosted polycarbonate diffuser screen with anti-UV treatment.
- Transparent polycarbonate upper protective screen for pendant version.



System composition



Mini Light air

Light distribution

Darklight
The Dark VDU module L≤1000 cd/m² for α>65° is ideal for offices with video terminals.

Down Light emission with cover accessory.

Up/down light

Down light

General light
The module with polycarbonate diffuser screen is recommended for diffused lighting for commercial premises, stores, showrooms and shopping centres.

Down Light emission with cover accessory.

Up/down light

Down light

Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,333
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	General light				Darklight			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
T16 1x35	15	9,36	24	14,98	12	7,49	15	9,36
T16 1x49	12	10,75	18	16,13	10	8,96	12	10,75
T16 1x80	8	11,65	12	17,47	6	8,74	8	11,65
T16 1x28	21	10,75	28	14,34	15	7,68	21	10,75
T16 1x54	12	11,9	15	14,88	10	9,92	12	11,9

Mini Light air

Complete pendants

light source	W	length	code
	Darklight up/down light		
T 16 (G5)	Multiwatt		
	35/49/80 W	1700	**M105**
	28/54 W	1400	**M106**
	DALI multiwatt		
	28/54 W	1400	**M107**
	35/49/80 W	1700	**M108**
	Multiwatt and permanent emergency light		
	35/49/80 W	1700	**M109**

DALI versions occupies 1 address
Complete with power supply base and suspension cables L=1500

light source	W	length	code
	General ligh up/down light		
T 16 (G5)	Multiwatt		
	35/49/80 W	1700	**M116**
	28/54 W	1400	**M117**
	DALI multiwatt		
	28/54 W	1400	**M118**
	35/49/80 W	1700	**M119**
	Multiwatt and permanent emergency light		
	35/49/80 W	1700	**M120**

DALI versions occupies 1 address
Complete with power supply base and suspension cables L=1500

accessories

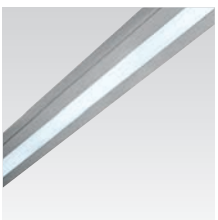
	code
Upper cover for down light emission	
for versions L=1400	**2922**
for versions L=1700	**2923**
colour 01 white - 15 grey	

	code
Upper safety screen	
for versions L=1400	**2920**
for versions L=1700	**2921**
colour 24 clear transparent	

Continuous line modules

light source	W	length	code
	Darklight up/down light module		
T 16 (G5)	Multiwatt		
	35/49/80 W	1700	**3186**
	28/54 W	1400	**3187**
	DALI multiwatt		
	28/54 W	1400	**3190**
	35/49/80 W	1700	**3191**
	Multiwatt and permanent emergency light		
	35/49/80 W	1700	**3192**

DALI versions occupies 1 address



light source	W	length	code
	General ligh up/down light module		
T 16 (G5)	Multiwatt		
	35/49/80 W	1700	**3193**
	28/54 W	1400	**3194**
	DALI multiwatt		
	28/54 W	1400	**3197**
	35/49/80 W	1700	**3198**
	Multiwatt and permanent emergency light		
	35/49/80 W	1700	**3199**

DALI versions occupies 1 address

accessories

	code
Upper cover for down light emission	
for modules L=1400	**2922**
for modules L=1700	**2923**
colour 01 white - 15 grey	

	code
Upper safety screen	
for modules L=1400	**2920**
for modules L=1700	**2921**
colour 24 clear transparent	

For information on system composition please refer to the instructions sheet

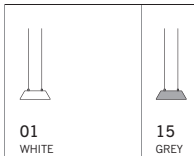
	code
90° joint with end caps	**2918**
colour 01 white	
86 dark metallic grey	
Two installation systems need to be ordered separately in order to apply the 90° joint	

	code
Intermediate coupling with suspension cables	**2919**
colour 01 white	
86 dark metallic grey	

	code
Base with suspension cables L=1500	**2924**
colour 01 white	
86 dark metallic grey	

	code
Power supply base with suspension cables L=1500	
for electronic versions	**2925**
for DALI and emergency	**2926**
colour 01 white	
86 dark metallic grey	
Transparent power-supply cable	

Colours



International School of Zug and Luzern - Baar, Switzerland
Architectural project: Germann & Achermann AG
Lighting project: Germann & Achermann AG -Photo: Günter Laznia

Action

design Jean Michel Wilmotte

pendant

ceiling-mounted

semi-recessed

recessed

Niemeyer Cultural Centre - Avilés, Asturias, Spain

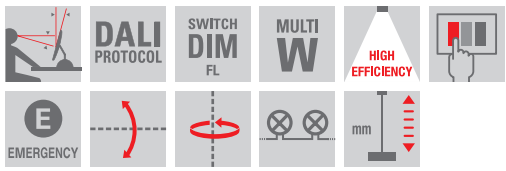
Architectural project: Oscar Niemeyer, Roberto Alonso Martínez, Javier Blanco, García Castañón, Jair Rojas Valera, Almudena Fernández, Menéndez - Photo: 274 Km

Action

Features

IP20

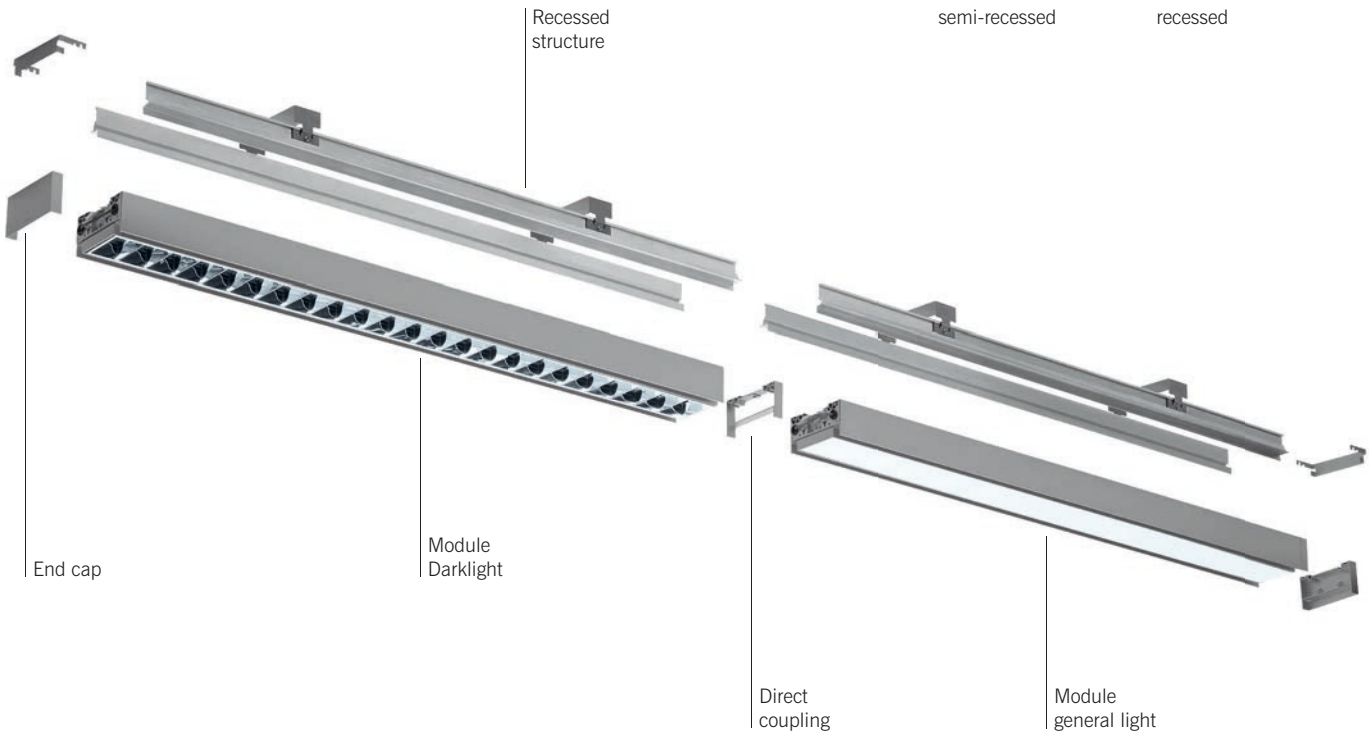
- Pendant, ceiling-mounted, recessed and semi-recessed in false ceilings with thickness of 12.5 and 15 mm.
- Painted extruded aluminium structure.
- Aluminium grouping joints.
- Painted polycarbonate end caps.
- Transparent polycarbonate upper protective screen for pendant version.



System composition - recessed / semi-recessed

The **semi-recessed version** uses the same grouping system.

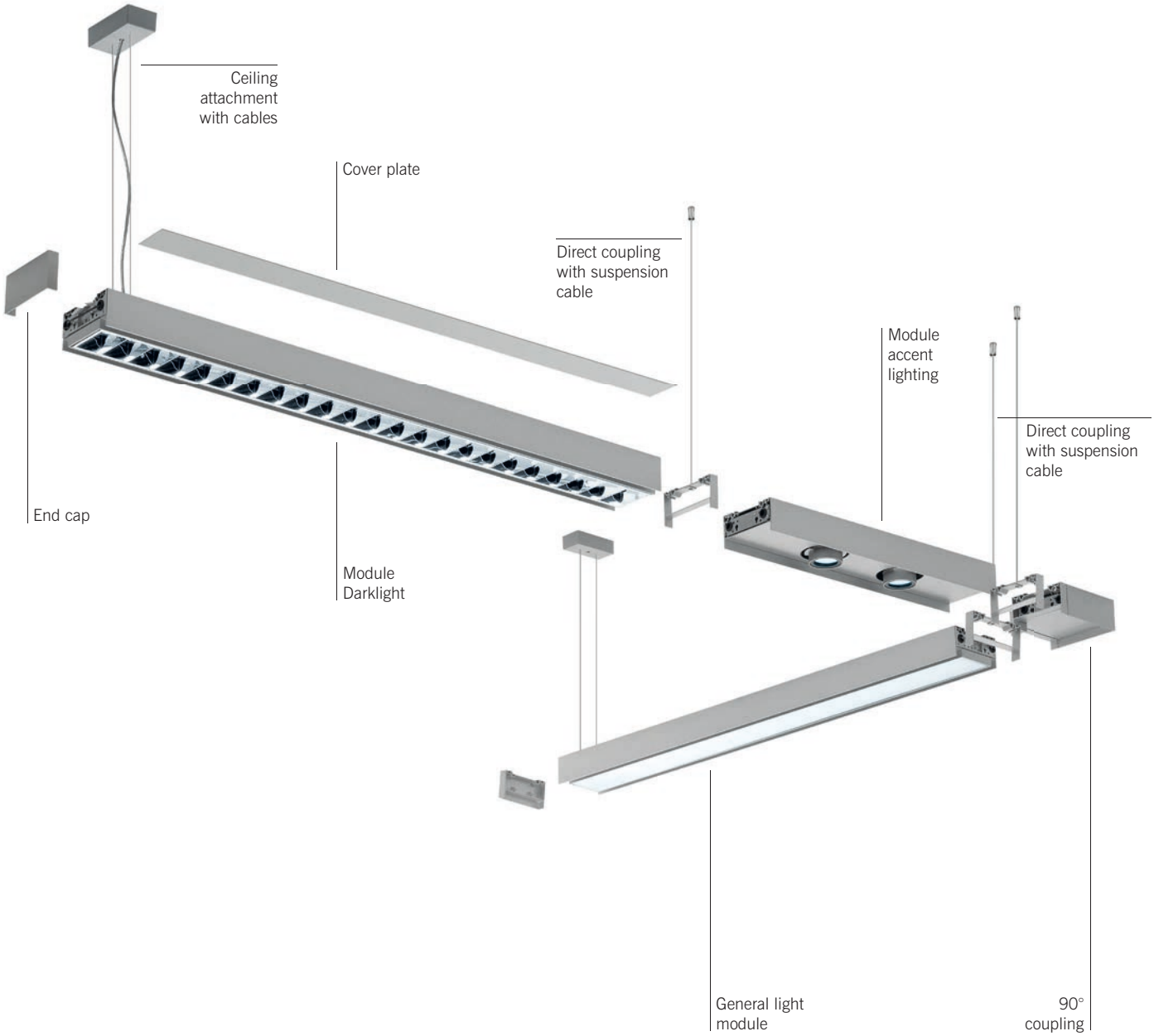
semi-recessed recessed



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).



Action

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

Down Light emission with cover accessory.

Up/down light

Down light

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

Down Light emission with cover accessory.

Up/down light

Down light

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.

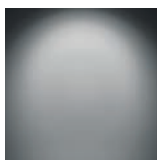
Wall Washer

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**



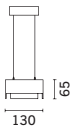
Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,333
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed= 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	General light				Darklight			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
T16 2x35	12	14,98	15	18,72	15	18,72	18	22,46
T16 2x49	10	17,92	12	21,5	10	17,92	15	26,88
T16 2x28	15	15,36	21	21,5	18	18,43	24	24,58
T16 2x54	8	15,87	12	23,81	10	19,84	12	23,81

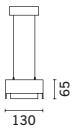
Action

Complete pendants



light source	W	length	code
	Darklight up/down light		
T 16 (G5)	Multiwatt		
	2x35/49 W	1517	**6677**
	2x28/54 W	1217	**6678**
	DALI multiwatt		
	2x35/49 W	1517	**6679**
	2x28/54 W	1217	**6680**
	DALI multiwatt automatic dimming		
	2x35/49 W	1517	**6681***
	2x28/54 W	1217	**6682***
	Multiwatt and permanent emergency light		
	2x35/49 W	1517	**6683**

DALI versions occupies 1 address
Complete with power supply base and suspension cables L=1500
* Complete with lux and motion sensor



light source	W	length	code
	General ligh up/down light		
T 16 (G5)	Multiwatt		
	2x35/49 W	1517	**6691**
	2x28/54 W	1217	**6692**
	DALI multiwatt		
	2x35/49 W	1517	**6693**
	2x28/54 W	1217	**6694**
	Multiwatt and permanent emergency light		
	2x35/49 W	1517	**6695**

DALI versions occupies 1 address
IP40 with upper safety screen,
Complete with power supply base and suspension cables L=1500

accessories

	code
Upper cover for down light emission	
for versions L=1217	**6805**
for versions L=1517	**6806**
colour 01 white - 15 grey	
Upper safety screen	
for versions L=1217	**6807**
for versions L=1517	**6808**
colour 24 clear transparent	

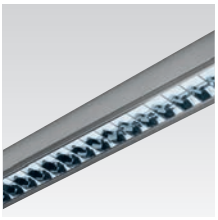
	code
Infrared control for versions with automatic dimming	**9704**
for 6681-6682 colour 04 black	

Colours

01 WHITE	15 GREY

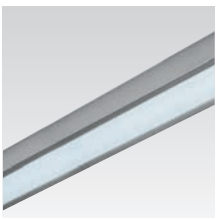
Action

Continuous line modules



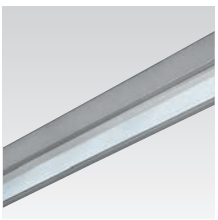
light source	W	length	code
	Darklight up/down light module		
T 16 (G5)	Multiwatt		
	35/49/80 W	1477	**6600**
	2x35/49 W	1477	**6602**
	2x28/54 W	1177	**6601**
	DALI multiwatt		
	2x35/49 W	1477	**6605**
	2x28/54 W	1177	**6606**
	Multiwatt and permanent emergency light		
	2x35/49 W	1477	**6607***

DALI versions occupies 1 address
* For surface-mounted/recessed installation exclusively use 35 W lamps.



light source	W	length	code
	General lighting module up/down light		
T 16 (G5)	Multiwatt		
	2x35/49 W	1477	**6609**
	2x28/54 W	1177	**6608**
	DALI multiwatt		
	2x35/49 W	1477	**6612**
	2x28/54 W	1177	**6613**
	Multiwatt and permanent emergency light		
	2x35/49 W	1477	**6614***

IP40 with upper safety screen, with ceiling-mounting attachment or recessed structure
DALI versions occupies 1 address
* For surface-mounted/recessed installation exclusively use 35 W lamps



light source	W	length	code
	Module wall-washer		
T 16 (G5)	Multiwatt		
	35/49/80 W	1477	**6615**
	28/54 W	1177	**6616**

	Track module		
	Standard		
		1200	**6767**

L track = 1000

light source	W	Lm	length	optic	code
	Accent lighting module with 1 optical assembly				
LED	Neutral white				
	2 W	130	400	24°	**6768**
QR CBC 51 (GU5,3)	Electronic				
	50 W 12V		400		**6618**
HIT-CE (PGJ5)	Electronic				
	20 W		400	8°	**6619**
	20 W		400	38°	**6620**

light source	W	Lm	length	optic	code
	Accent lighting module with 2 optical assemblies				
LED	Neutral white				
	2x2 W	130	600	24°	**6769**
QR CBC 51 (GU5,3)	Electronic				
	2x50 W 12V		600		**6621**
HIT-CE (PGJ5)	Electronic				
	2x20 W		600	8°	**6622**
	2x20 W		600	38°	**6623**

	Structural module		
		400	**6624**
		600	**6625**
		1177	**6626**
		1477	**6627**

Action

accessories

code

Upper cover for down light emission
for modules L=1177 **6805**
for modules L=1477 **6806**
for Darklight versions and general light
colour 01 white - 15 grey

Upper safety screen
for modules L=1177 **6807**
for modules L=1477 **6808**
for general light versions
colour 24 clear transparent

Two end caps **6800**
colour 01 white - 15 grey
should be ordered two for each single module or composition

Spill ring for accent lighting modules **9545**
colour 04 black

For information on system composition please refer to the instructions sheet

pendant installation

code

Direct coupling with suspension cable L=1500 **6802**
colour 01 white - 15 grey

90° joint with suspension cable L=1500 **6804**
colour 01 white - 15 grey

Base with suspension cables L=1500 **6809**
colour 01 white - 15 grey

Power supply base with suspension cables L=1500
5 pole **6810**
for electronic versions
8 pole **6824**
for DALI and emergency
colour 01 white - 15 grey

recessed/semi-recessed/ceiling-mounted installation

code

Direct coupling **6801**
colour 01 white - 15 grey

90° coupling **6803**
colour 01 white - 15 grey

Structure for ceiling installation
for modules L=400 **6811**
for modules L=600 **6812**
for modulesL=1177 **6813**
for modules L=1477 **6814**
colour 01 white - 15 grey

code

Structure for recessed and semi-recessed installation for false ceilings 12,5 mm
for modules L=400 **6815**
for modules L=600 **6816**
for modules L=1177 **6817**
for modules L=1477 **6818**
colour 00 indeterminate
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

End caps for the structure **6823**
1 pair must be ordered for each single structure or composition

Colours

01 WHITE	15 GREY

Cestello FL

design Gae Aulenti - Piero Castiglioni

complete pendant

continuous line pendant

Tsinghua University - Pechino, China

Architectural project: Mario Cucinella - Photo: Gabriele Basilico

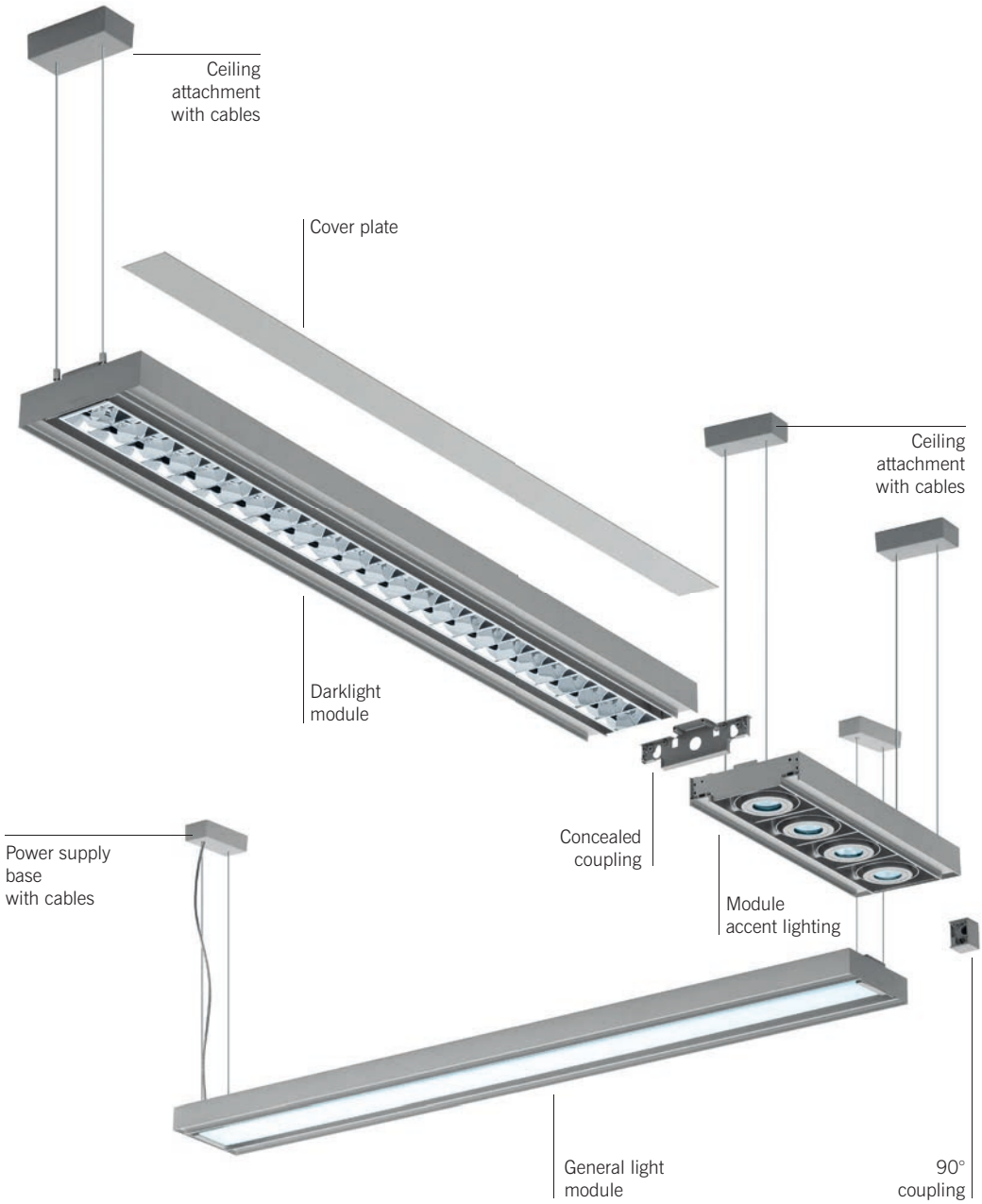
Cestello FL

Features

IP20

- Pendant installation.
- Painted extruded aluminium structure.
- Polycarbonate end caps.
- Transparent polycarbonate upper protective screen with anti-UV treatment.
- Halogen versions complete with transformer.

System composition



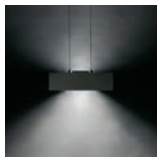
Cestello FL

Light distribution

Darklight
The dark light optics in mirrored aluminium are ideal to light offices that have monitors that require a controlled luminance of L≤1000 cd/m² α>65°.

Down Light emission with cover accessory.

Up/down light



Down light

General lighting
The general lighting versions have a polycarbonate diffusing screen and are ideal for diffused lighting in commercial areas, retail stores, showrooms, and malls.

Down Light emission with cover accessory.

Up/down light

Down light

Accent lighting
The halogen lamp versions are ideal for accent lighting; the light that is generated brings out the details of special objects with optimal chromatic effects.

Spot - **S**

Medium - **M**

Flood - **F**

Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,333
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

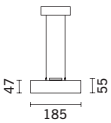
P (watt)	General light				Darklight			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
T16 2x35	15	18,72	24	29,95	12	14,98	15	18,72
T16 2x49	12	21,5	18	32,26	10	17,92	12	21,5
T16 2x28	24	24,58	32	32,77	18	18,43	24	24,58
T16 2x54	15	29,76	18	35,71	10	19,84	12	23,81

P (watt)	General light (*)				Darklight (*)			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
T16 2x35	45	56,16	60	74,88	18	22,46	21	26,21
T16 2x49	35	62,72	45	80,64	12	21,5	15	26,88
T16 2x28	-	-	-	-	24	24,58	32	32,77
T16 2x54	-	-	-	-	15	29,76	18	35,71

* Light emission which can be obtained using the cover accessory

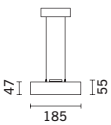
Cestello FL

Complete pendants



light source	W	length	code
	Darklight up/down light		
T 16 (G5)	Multiwatt		
	2x35/49 W	1500	**M127**
	2x28/54 W	1200	**M128**
	DALI multiwatt		
	2x35/49 W	1500	**M129**
	2x28/54 W	1200	**M130**
	Multiwatt and permanent emergency light		
	2x35/49 W	1500	**M131**

DALI versions occupies 1 address
Complete with power supply base and suspension cables L=1500



light source	W	length	code
	General ligh up/down light		
T 16 (G5)	Multiwatt		
	2x35/49 W	1500	**M137**
	2x28/54 W	1200	**M138**
	DALI multiwatt		
	2x35/49 W	1500	**M139**
	2x28/54 W	1200	**M140**
	Multiwatt and permanent emergency light		
	2x35/49 W	1500	**M141**

DALI versions occupies 1 address
Complete with power supply base and suspension cables L=1500

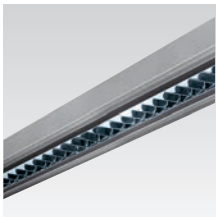
accessories

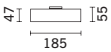
	code
Upper cover for down light emission	
for versions L=1200	**9146**
for versions L=1500	**9147**
colour 15 grey	

	code
Upper safety screen	
for versions L=1200	**9148**
for versions L=1500	**9149**
colour 24 clear transparent	

Cestello FL

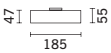
Continuous line modules





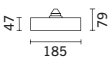
light source	W	length	code
	Darklight up/down light module		
T 16 (G5)	Multiwatt		
	35/49/80 W	1496	**3164**
	28/54 W	1196	**3166**
	2x35/49 W	1496	**3165**
	2x28/54 W	1196	**3167**
	DALI multiwatt		
	2x35/49 W	1496	**3168**
	2x28/54 W	1196	**3169**
	Multiwatt and permanent emergency light		
	2x35/49 W	1496	**3170**

DALI versions occupies 1 address



light source	W	length	code
	General lighting module up/down light		
T 16 (G5)	Multiwatt		
	35/49/80 W	1496	**3203**
	28/54 W	1196	**3172**
	2x35/49 W	1496	**3171**
	2x28/54 W	1196	**3173**
	DALI multiwatt		
	2x35/49 W	1496	**3174**
	2x28/54 W	1196	**3175**
	Multiwatt and permanent emergency light		
	2x35/49 W	1496	**3176**

DALI versions occupies 1 address



light source	W	length	code
	Accent lighting module with 4 optical assemblies		
QR CBC 51 (GU5,3)	Electronic transformer		
	4x50 W	486	**3177**

Structural module		
	474	**9162**
	1184	**9164**
	1484	**9165**

No end caps

accessories

	code
Upper cover for down light emission	
for modules L= 1196	**9146**
for modules L= 1496	**9147**
colour 15 grey	
Upper safety screen	
for modules L=1196	**9148**
for modules L=1496	**9149**
colour 24 clear transparent	
Refractor for elliptical distribution	**8766**
for QR CBC 51	
colour 24 clear transparent	
Coloured filters	**8753**
for QR CBC 51	
colour 05 red - 06 yellow 09 sky blue - 65 nitric	
Louvre	**8775**
for QR CBC 51	
colour 04 black	

For information on system composition please referto the instructions sheet

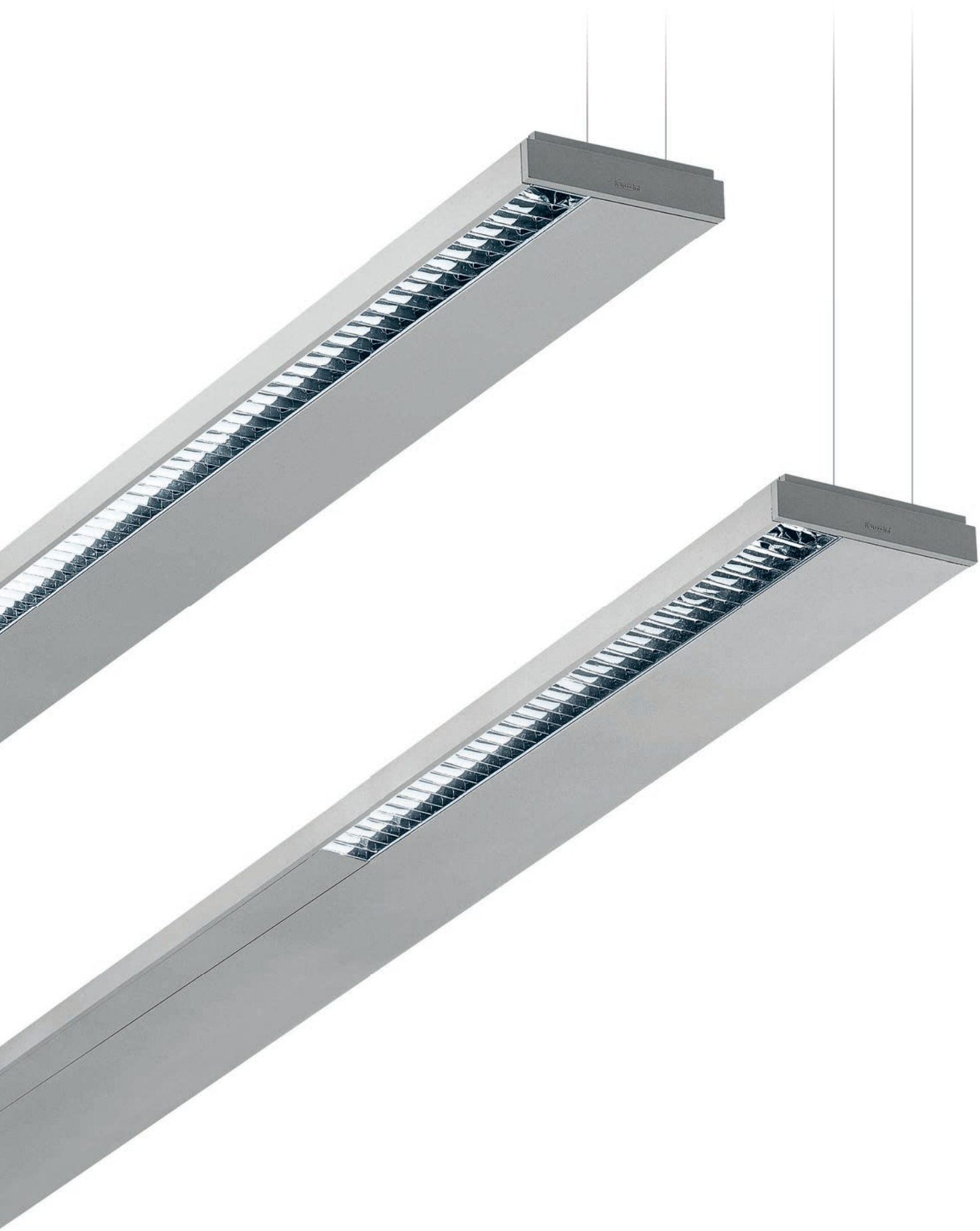
	code
Disappearing straight joint	**9150**
colour 15 grey	
For the straight joint, only one installation system should be ordered separately	
90° coupling	**9157**
colour 15 grey	
For the 90° joint installation, two installation systems should be ordered separately	
Ceiling attachment with cables L=1500	**9159**
colour 15 grey	
Power supply base with suspension cables L=1500	
for electronic versions	**9160**
for DALI and emergency	**9161**
colour 15 grey	
Transparent power-supply cable	

Colours

15
GREY

OFX

iF Design Award



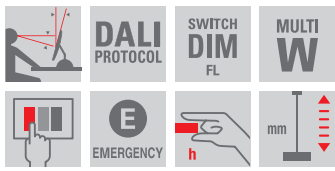
Offices Mark - Gorizia, Italy
Architectural project: Architect Di Dato & Meninno - Photo: Massimo Crivellari

OFX

Features

IP20

- Pendant installation.
- Aluminium body.
- Injection moulded polycarbonate end caps.
- Lamellar optics made of superpure aluminum with bi-parabolic profile for Darklight version.
- Indirect emission with ultrapure aluminium reflector.



Versions

OFX luminaires, with dark light optics, clustered or separate, can be installed transversally or longitudinally relative to desks. The quality of the materials, the controlled luminance (L≤1000 cd/m² for α>65°) and UGR<19 (in conformity with EN 12464-1) guarantee high performance and extremely flexible application.

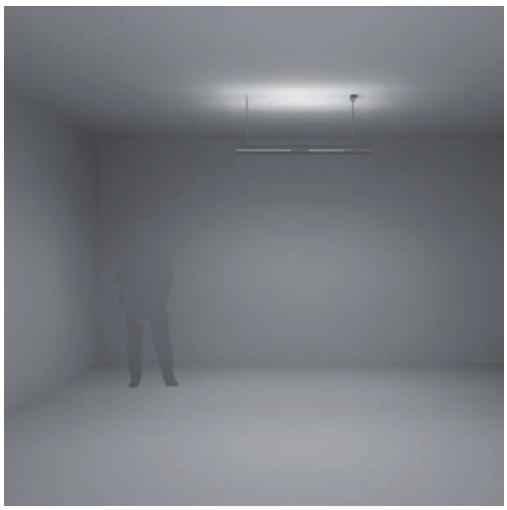
separate optics

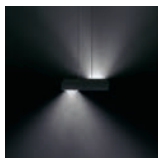
connected optics

OFX

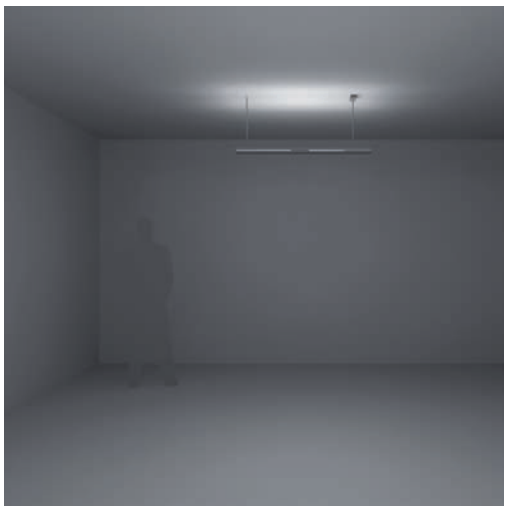
Light distribution

Up/down light
Direct light emission is focused on the work surface and indirect lighting is reflected onto the ceiling.
This creates more volume in the space and balances out shadows.

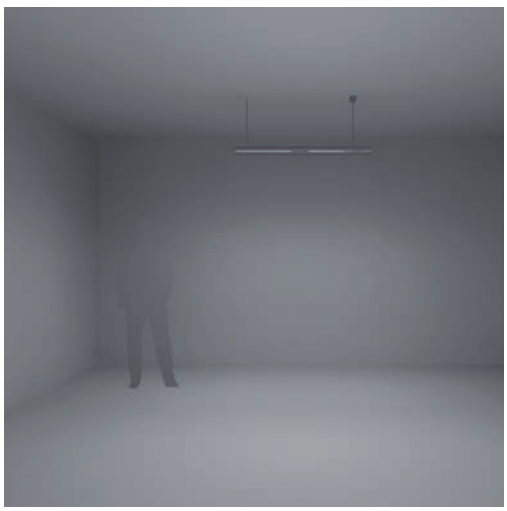


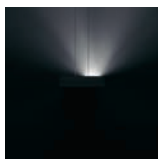


Up light
Light is focused directly onto the work area that is in someone's field of vision. This favours concentration on the task at hand.



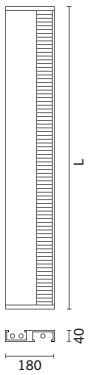
Down light
The indirect light flow is produced by the lamps that are distributed on the entire length of the fitting.
The light is reflected onto the ceiling, creating soft and diffused lighting.
Maximum visual comfort is provided for environments with video terminals.





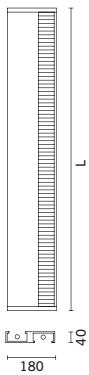
OFX

Connected optics



light source	W		length	code
	Darklight			
T 16 (G5)	Multiwatt			
	2x28/54 W	up	1188	**6633**
	28/54 W	down	1188	
	2x35/49 W	up	1488	**6634**
	35/49/80 W	down	1488	
	DALI multiwatt			
	2x28/54 W	up	1188	**6635**
	28/54 W	down	1188	
	2x35/49 W	up	1488	**6636**
	35/49 W	down	1488	

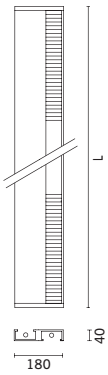
Occupies 2 DALI addresses
Complete with upper safety screen, covering base, power-supply cable and steel suspension cables L=1500



light source	W		length	code
	Darklight			
T 16 (G5)	Multiwatt			
	28/54 W	up	1188	**6628**
	28/54 W	down	1188	
	35/49/80 W	up	1488	**6629**
	35/49/80 W	down	1488	
	DALI multiwatt			
	28/54 W	up	1188	**6630**
	28/54 W	down	1188	
	35/49/80 W	up	1488	**6632**
	35/49/80 W	down	1488	
	Double-length Darklight			
	Multiwatt			
	2x28/54 W	up	2383	**6642**
	2x28/54 W	down	2383	
	2x35/49 W	up	2983	**6643**
	2x35/49 W	down	2983	
	DALI multiwatt			
	2x28/54 W	up	2383	**6644**
	2x28/54 W	down	2383	
	2x35/49/80 W	up	2983	**6645**
	2x35/49/80 W	down	2983	
	Multiwatt and permanent emergency light			
	2x35/49 W	up	2983	**6646**
	2x35/49 W	down	2983	

Occupies 2 DALI addresses
Complete with upper safety screen, covering base, power-supply cable and steel suspension cables L=1500

Separate optics



light source	W		length	code
	Double-length Darklight			
T 16 (G5)	Multiwatt			
	2x28/54 W	up	2383	**6637**
	2x21/39 W	down	2383	
	2x35/49 W	up	2983	**6638**
	2x21/39 W	down	2983	
	DALI multiwatt			
	2x28/54 W	up	2383	**6639**
	2x21/39 W	down	2383	
	2x35/49/80 W	up	2983	**6640**
	2x21/39 W	down	2983	
	Multiwatt and permanent emergency light			
	2x35/49 W	up	2983	**6641**
	2x21/39 W	down	2983	

Occupies 2 DALI addresses
Complete with upper safety screen, covering base, power-supply cable and steel suspension cables L=1500

Building U15, Milanofiori 2000 - Assago (Mi), Italy
Architectural project: Cino Zucchi - Photo: Fausto Mazza

Colours

15
GREY

Y Light

design Studio & Partners

ADI Design Index

wall-mounted pendant free-standing

Woodland Trust Headquarters - Grantham, England

Architectural project: Feiden Clegg Bradley Studios, Will Garner - Photo: Peter Cook

Y Light

Features

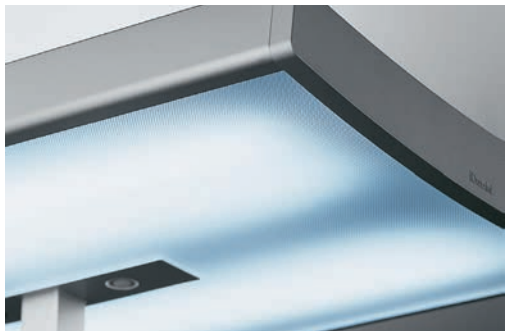
IP20

- Pendant, wall-mounted and free-standing installation.
- Optical assembly with extruded aluminium lateral profiles.
- Injection moulded polycarbonate end caps, painted sheet steel internal structure.
- Ground version: extruded aluminium shaft with quick-coupling connectors for assembly to the 8 mm thick steel base.

DALI PROTOCOL · SWITCH DIM FL · EMERGENCY · mm

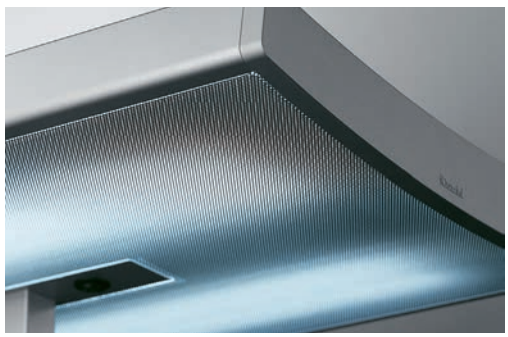
Light distribution

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

Aluminium screen
UGR<19
One version has a microperforated aluminium sheet reflector laminated with a polycarbonate transflective film.
Light flow emission is:
90% up light, 10% down light.



Up/down light

Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,333
- Work table height 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed= 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	General light				Darklight			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
T16 2x28	18	18,43	24	24,58	-	-	-	-
T16 2x54	10	19,84	15	29,76	-	-	-	-
T16 2x35	15	19,2	18	23,04	-	-	-	-
T16 2x80	8	23,3	10	29,12	-	-	-	-
TC-L 4x55	12	46,85	18	70,27	24	93,7	32	124,93
TC-L 4x80	8	46,59	12	69,89	15	87,36	18	104,83

Y Light

Versions

Y Light pendant, wall-mounted and ground installation, is a system of luminaires for working areas and those where video terminals are used, for showrooms and meeting rooms.

Wall-mounted TC-L

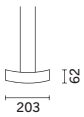
Wall-mounted T16

Free-standing

Versions with day-light sensor and presence detector are available

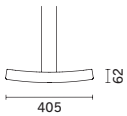
Y Light

Pendant



light source	W	length	code
	Up/down light - Microprismatic screen		
T 16 (G5)	Electronic		
	2x35 W	**1496**	**3043**
	2x54 W	**1196**	**3044**
	2x80 W	**1496**	**3046**
	DALI multiwatt		
	2x35/49 W	**1496**	**3047**
	2x28/54 W	**1196**	**3048**
	Electronic and permanent emergency light		
	2x35 W	**1496**	**3049**

DALI versions occupies 1 address
On request versions 2x35 W Darklight
Complete with covering base, power-supply cable and steel suspension cables L=1500



light source	W	length	code
	Up/down light - Microprismatic screen		
TC-L (2G11)	Dual-start electronic		
	4x55 W	**620**	**3040**
	4x80 W	**620**	**3041**
	DALI		
	4x55 W	**620**	**3042**
	Up/down light - Micro-perforated screen Darklight		
	Dual-start electronic		
	4x55 W	**620**	**3036**
	4x80 W	**620**	**3039**
	DALI		
	4x55 W	**620**	**3037**

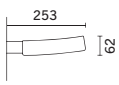
DALI versions occupies 2 addresses
Complete with covering base, power-supply cable and steel suspension cables L=1500

accessories

	code
Upper safety screen for T16 versions	
for versions L=1496	**9198**
for versions L=1196	**9199**
colour 24 clear transparent	

	code
Upper safety screen for TC-L 4x55 W versions	**9142**
colour 24 clear transparent	

Wall-mounted



light source	W	length	code
	Up/down light - Microprismatic screen		
	Electronic		
TC-L (2G11)	**2x55 W**	**620**	**5152**
	2x80 W	**620**	**5155**
	DALI		
	2x55 W	**620**	**5153**
	Electronic and permanent emergency light		
	2x55 W	**620**	**5154**
	DALI versions occupies 1 address		
T 16 (G5)	Electronic		
	2x54 W	**1196**	**5159**
	Up/down light - Micro-perforated screen Darklight		
TC-L (2G11)	Electronic		
	2x55 W	**620**	**5148**
	2x80 W	**620**	**5151**

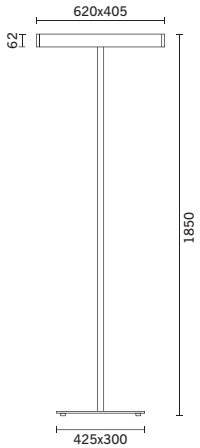
accessories

	code
Upper safety screen for T16 versions	**9172**
colour 24 clear transparent	

	code
Upper safety screen for TC-L 2x55 W versions	**9171**
no for 5154	
colour 24 clear transparent	

Y Light

Floor lamps



light source	W	code
	Up/down light - Microprismatic screen	
TC-L (2G11)	Dual-start electronic	
	4x55 W	**4577**
	DALI and manual light adjustment	
	4x55 W	**4578**
	DALI and light intensity sensor	
	4x55 W	**4579**
	Up/down light - Micro-perforated screen Darklight	
	Dual-start electronic	
	4x55 W	**4574**
	DALI and manual light adjustment	
	4x55 W	**4575**
	DALI and light intensity sensor	
	4x55 W	**4576**

Supplied with cable L=2000 with plug

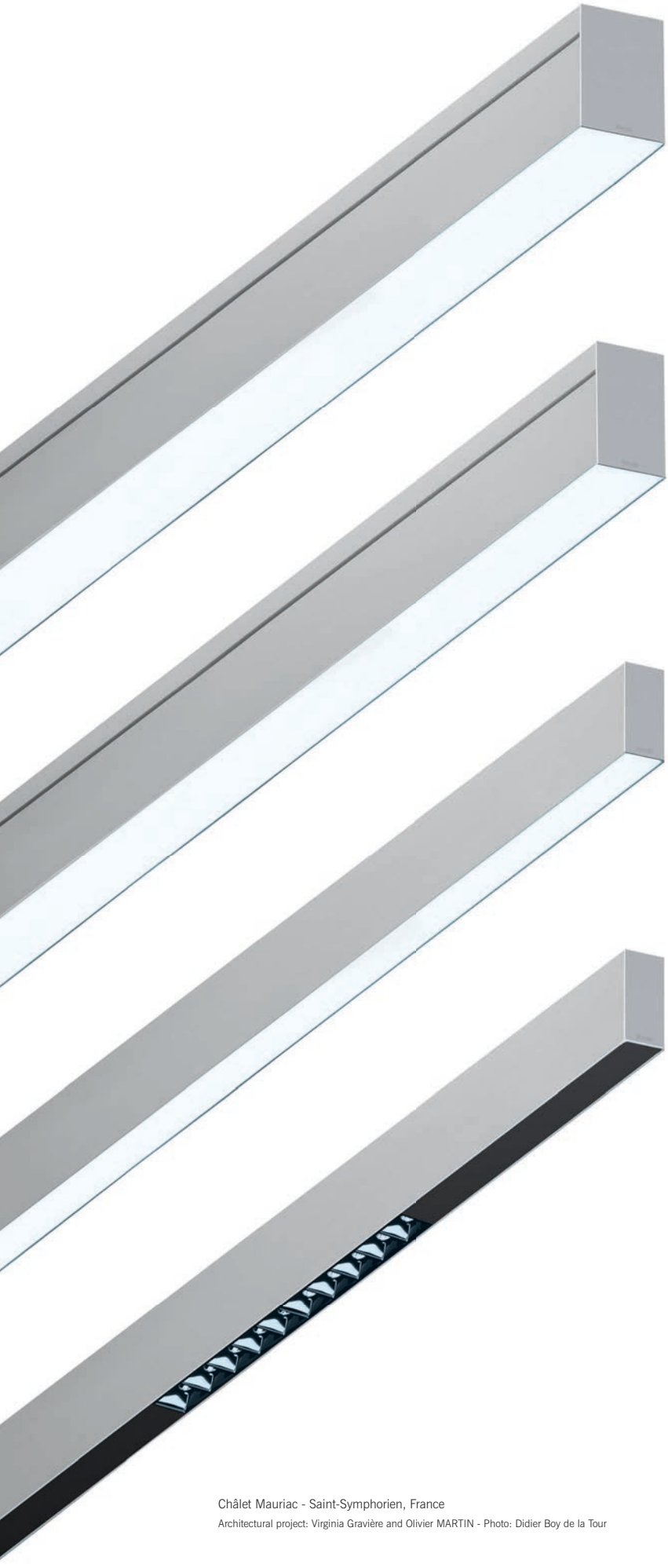
accessories

	code
Upper safety screen no for 4579-4576 colour 24 clear transparent	**9142**

Colours

15
GREY

iN 90 - iN 60 - iN 30



iN 90

iN 60

iN 30 FL

iN 30 LED
Low contrast

iN 30 LED
High contrast

Châlet Mauriac - Saint-Symphorien, France
Architectural project: Virginia Gravière and Olivier MARTIN - Photo: Didier Boy de la Tour

iN 90 - iN 60

Features

IP20

- Modular lighting systems for continuous lines.
- Pendant, recessed, ceiling-mounted and wall-mounted.
- Extruded aluminium profile.
- Zamak end caps.
- Sheet steel wired lamp holder plate.
- Micro-prismatic polycarbonate screen.
- Frosted methacrylate screen.
- Minimal (frameless) and Frame Profile for recessed versions, complete with concealed joints for grouping.

DALI PROTOCOL | MULTI W | HIGH EFFICIENCY

Minimal

Pendant

Recessed

Ceiling-mounted

Wall-mounted

Two screens are available:
- micro-prismatic for seamless versions
- frosted for overlapping versions

Frame

Recessed

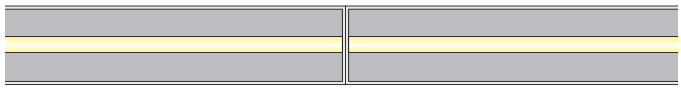
Two screens are available:
- micro-prismatic for seamless versions
- frosted for overlapping versions

iN 90 - iN 60

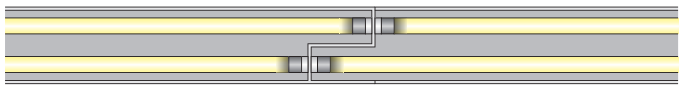
Light sources iN 90

iN 90 single-lamp Seamless version with T16 SLS fluorescent tube, and two-lamp version
with overlapping systems, using T16 fluorescent tubes.

Seamless version



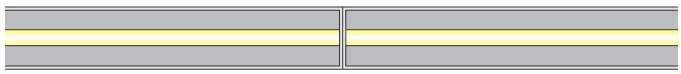
Overlapping



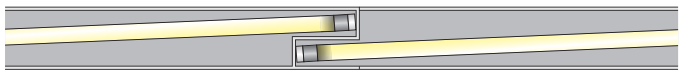
Light sources iN 60

iN 60 single-lamp Seamless version with T16 SLS fluorescent tube, or with overlapping system using T16 fluorescent tubes.

Seamless version



Overlapping



iN 90 - iN 60

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

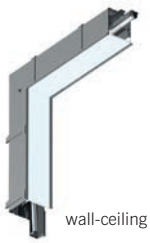
triple module

Track module
complete with through wiring and track for mains voltage spotlights

single module

Angular module
complete with wired plate, through wiring and diffuser

angular module

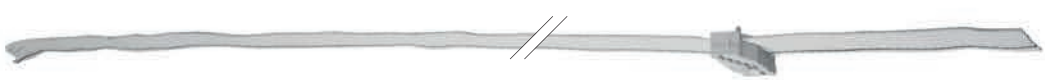


wall-ceiling angular module

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



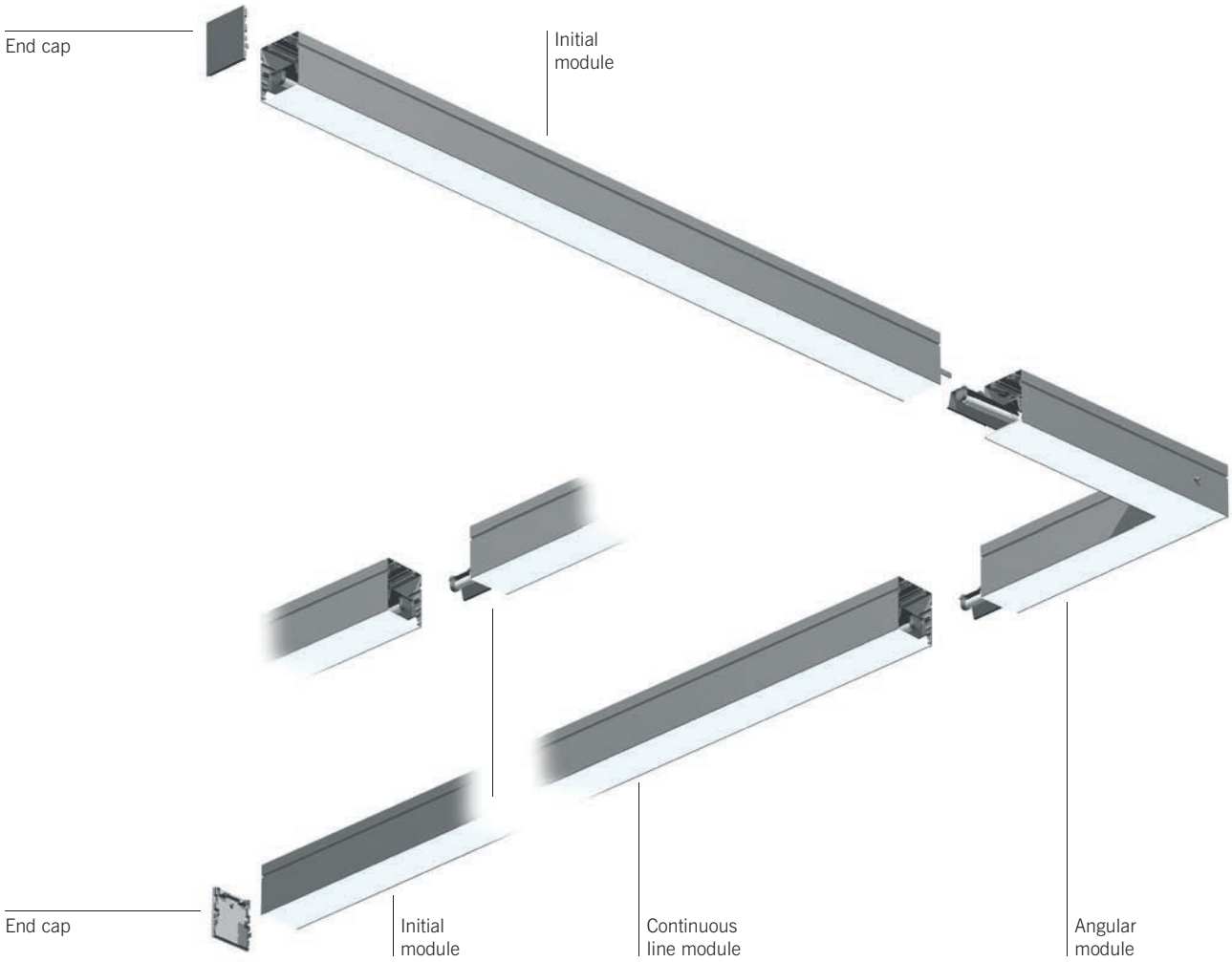
iN 90 - iN 60

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 please refer to the instructions sheet.



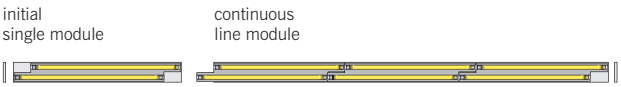
For more information go to the iN configurator at http://catalog.iguzzini.com

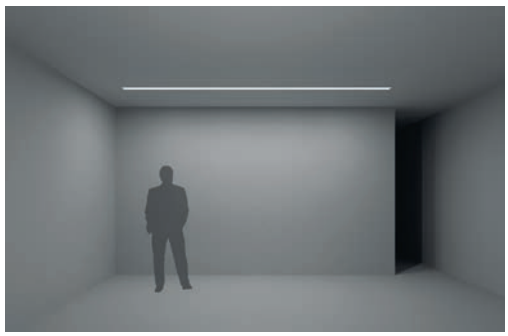
iN 90 - iN 60

Compositions

① iN 90 Minimal: overlapping linear composition L=4,8m

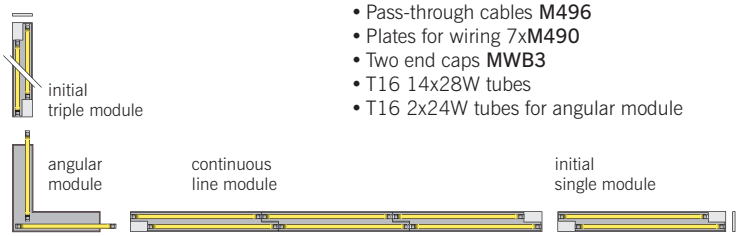
- Initial single module **M434**
- Continuous line module **M440**
- Pass-through cables **M496**
- Plates for wiring 4x**M490**
- Two end caps **MWB3**
- T16 8x28/54W tubes

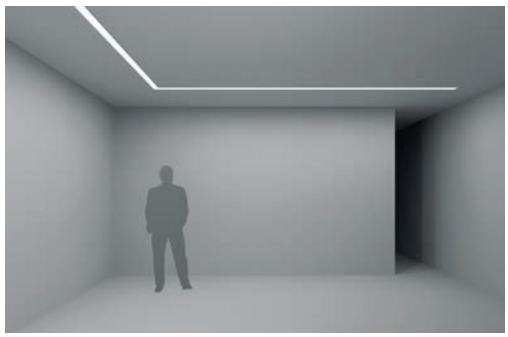




② iN 90 Minimal: overlapping angular composition L₁=4,3m - L₂=5,5m

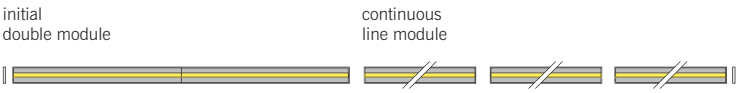
- Initial triple module **M436**
- Initial single module **M434**
- Continuous line module **M440**
- Angular module **MWA7**
- Pass-through cables **M496**
- Plates for wiring 7x**M490**
- Two end caps **MWB3**
- T16 14x28W tubes
- T16 2x24W tubes for angular module

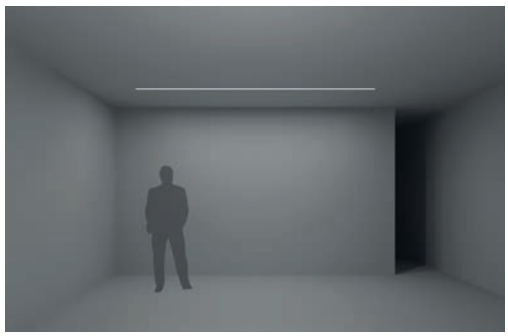




③ iN 60 Minimal: seamless linear composition L=13m

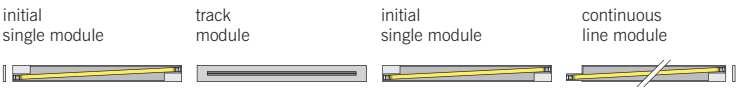
- Initial double module **M715**
- Continuous line module 3x**M718**
- Pass-through cables **MA57**
- Plates for wiring 11x**M764**
- Two end caps **MWP6**
- 11x28/54W seamless tubes

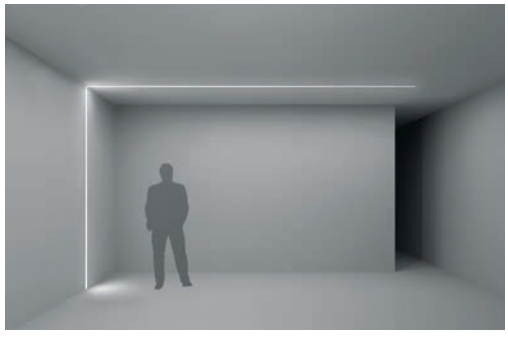




④ iN 60 Minimal: overlapping linear composition L=8,6m with track module

- 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

Minimal T16

	length	plates	code
Opal diffuser			
Initial module complete with pass-through cables			
for plate 21 W			
	985	1	**M433**
for plate 28/54 W			
	1285	1	**M434**
	2452	2	**M435**
	3626	3	**M436**
for plate 35/49 W			
	1585	1	**M437**
	3052	2	**M438**
	4526	3	**M439**
Continuous line module			
for plate 28/54 W			
	3526	3	**M440**
for plate 35/49 W			
	4426	3	**M441**

light source	W	length	code
	Two-lamp plate		
T16 (G5)	Electronic		
	2x21 W		**M489**
	2x28/54 W		**M490**
	2x35/49 W		**M491**
	DALI		
	2x21 W		**M492**
	2x28 W		**M493**
	2x35/49 W		**M494**
	Emergency lighting		
	2x35 W		**M495**

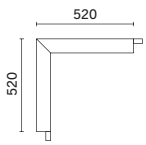
DALI versions occupies 1 address

Colour 01 white

Through wiring for continuous line modules			
28/54 W		3	**M496**
28/54 W		6	**M497**
28/54 W		9	**M498**
28/54 W		12	**M499**
35/49 W		3	**M500**
35/49 W		6	**M501**
35/49 W		9	**M502**
35/49 W		12	**M503**

For control gears of recessed applications refer to the instructions sheet

Colour 00 indeterminate



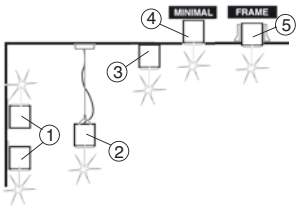
light source		length	code
	Angular module complete with wired plate and through wiring Opale diffuser		
T16 (G5)	2x24 W		**MWA7**
	DALI		
	2x24 W		**MWA8**

In combination with corner module, use only modules with 28/35W light sources (use with 49/54W light sources is not compatible)

Module with track complete with through wiring		
	1285	**MWB1**
	1585	**MWB2**

For mains voltage spotlights

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
M495	35W	35W	35W	35W	35W

Colours

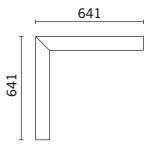
12
ALLUMINIUM

iN 90

Minimal T 16 SLS

	length	plates	code
Opal diffuser			
Initial module complete with pass-through cables			
for plate 24 W			
	597	1	**M469**
for plate 21/39 W			
	897	1	**M470**
	1781	2	**M471**
	2665	3	**M472**
for plate 28/54 W			
	1197	1	**M473**
	2381	2	**M474**
	3565	3	**M475**
Continuous line module			
for plate 21/39 W			
	2655	3	**M476**
for plate 28/54 W			
	3555	3	**M477**

Colour 12 alluminium



light source	W	length	plates	code
	Angular module complete with wired plate and through wiring			
T 16 SLS (G5)	Opal diffuser			
	2x14/24 W			**MWK7**
	Microprismatic diffuser			
	2x14/24 W			**MWK8**

Colour 12 alluminium

	One-lamp plate		
T 16 SLS (G5)	Electronic		
	24 W		**M908**
	21/39 W		**M909**
	28/54 W		**M910**
	DALI multiwatt		
	21/39 W		**M911**
	28/54 W		**M912**
	Multiwatt and emergency light		
	28/54 W		**M913**

DALI versions occupies 1 address

Colour 01 white

	length	plates	code
Microprismatic diffuser			
Initial module complete with pass-through cables			
for plate 24 W			
	597	1	**M478**
for plate 21/39 W			
	897	1	**M479**
	1781	2	**M480**
	2665	3	**M481**
for plate 28/54 W			
	1197	1	**M482**
	2381	2	**M483**
	3565	3	**M484**
Continuous line module			
for plate 21/39 W			
	2655	3	**M485**
for plate 28/54 W			
	3555	3	**M486**

Colour 12 alluminium

	Through wiring for continuous line modules		
	21/39 W	3	**M914**
	21/39 W	6	**M915**
	21/39 W	9	**M916**
	21/39 W	12	**M917**
	28/54 W	3	**M918**
	28/54 W	6	**M919**
	28/54 W	9	**M920**
	28/54 W	12	**M921**

For control gears of recessed applications refer to the instructions sheet

Colour 00 indeterminate

	Module with track complete with through wiring	
	1285	**MWB1**
	1585	**MWB2**

For mains voltage spotlights

Colour 12 alluminium

iN 90

Frame T16

W	length	plates	code
Opal diffuser			
Initial module complete with pass-through cables			
for plate 21 W			
	985	1	**M451**
for plate 28/54 W			
	1285	1	**M452**
	2452	2	**M453**
	3626	3	**M454**
for plate 35/49 W			
	1585	1	**M455**
	3052	2	**M456**
	4526	3	**M457**
Continuous line module			
for plate 28/54 W			
	3526	3	**M458**
for plate 35/49 W			
	4426	3	**M459**

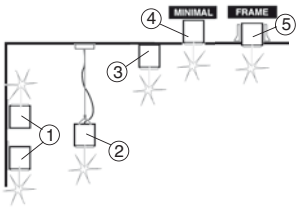
Complete with brackets for recessed installation

Through wiring for continuous line modules			
28/54 W		3	**M496**
28/54 W		6	**M497**
28/54 W		9	**M498**
28/54 W		12	**M499**
35/49 W		3	**M500**
35/49 W		6	**M501**
35/49 W		9	**M502**
35/49 W		12	**M503**

For control gears of recessed applications refer to the instructions sheet

Colour 00 indeterminate

Technical information

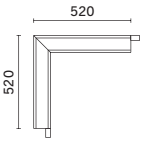


Code	①	②	③	④	⑤
MWC3-MWB9	24W	24W	24W	24W	24W
MWC0-MWC4	24W	24W	24W	24W	24W
M489	21W	21W	21W	21W	21W
M492	21W	21W	21W	21W	21W
M490	28/54W	28/54W	28/54W	28W	28W
M493	28W	28W	28W	28W	28W
M491	35/49W	35/49W	35/49W	35W	35W
M494	35/49W	35/49W	35/49W	35W	35W
M495	35W	35W	35W	35W	35W

light source	W	length	code
	One-lamp plate		
T16 (G5)	Electronic		
	2x21 W		**M489**
	2x28/54 W		**M490**
	2x35/49 W		**M491**
	DALI		
	2x21 W		**M492**
	2x28 W		**M493**
	2x35/49 W		**M494**
	Emergency light		
	2x35 W		**M495**

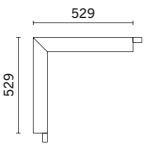
DALI versions occupies 1 address

Colour 01 white



Angular module complete with wired plate and through wiring Opale diffuser			
T16 (G5)	2x24 W		**MWB9**
	DALI		
	2x24 W		**MWC0**

In combination with corner module, use only modules with 28/35W light sources (use with 49/54W light sources is not compatible)



Wall-ceiling angular module complete with wired plate and through wiring Opale diffuser			
T16 (G5)	2x24 W		**MWC3**
	DALI		
	2x24 W		**MWC4**

In combination with corner module, use only modules with 28/35W light sources (use with 49/54W light sources is not compatible)

Module with track complete with through wiring		
	1285	**MWC7**
	1585	**MWC8**

For mains voltage spotlights

Colours

01
WHITE

12
ALLUMINIUM

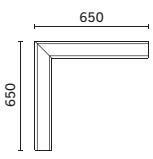
iN 90

Frame T 16 SLS

light source	W	length	plates	code
	Opal diffuser			
	Initial module complete with pass-through cables			
	for plate 24 W			
		597	1	**M487**
	for plate 21/39 W			
		897	1	**M488**
		1781	2	**M892**
		2665	3	**M893**
	for plate 28/54 W			
		1197	1	**M894**
		2381	2	**M895**
		3565	3	**M896**
	Continuous line module			
	for plate 21/39 W			
		2655	3	**M897**
	for plate 28/54 W			
		3555	3	**M898**

	Microprismatic diffuser			
	Initial module complete with pass-through cables			
	for plate 24 W			
		597	1	**M899**
	for plate 21/39 W			
		897	1	**M900**
		1781	2	**M901**
		2665	3	**M902**
	for plate 28/54 W			
		1197	1	**M903**
		2381	2	**M904**
		3565	3	**M905**
	Continuous line module			
	for plate 21/39 W			
		2655	3	**M906**
	for plate 28/54 W			
		3555	3	**M907**

Complete with brackets for recessed installation



	Angular module complete with wired plate and through wiring			
T 16 SLS (G5)	Opal diffuser			
	2x14/24 W			**MWK9**
	Microprismatic diffuser			
	2x14/24 W			**MWL0**

light source	W	length	plates	code
	One-lamp plate			
	Electronic			
T 16 SLS (G5)	24 W			**M908**
	21/39 W			**M909**
	28/54 W			**M910**
	DALI multiwatt			
	21/39 W			**M911**
	28/54 W			**M912**
	Multiwatt and emergency light			
	28/54 W			**M913**

DALI versions occupies 1 address

Colour 01 white

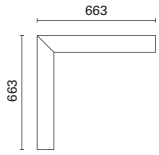
Through wiring for continuous line modules			
21/39 W	3		**M914**
21/39 W	6		**M915**
21/39 W	9		**M916**
21/39 W	12		**M917**
28/54 W	3		**M918**
28/54 W	6		**M919**
28/54 W	9		**M920**
28/54 W	12		**M921**

For control gears of recessed applications refer to the instructions sheet

Colour 00 indeterminate

Module with track complete with through wiring		
1285		**MWC7**
1585		**MWC8**

For mains voltage spotlights



Wall-ceiling angular module complete with wired plate and through wiring		
T 16 SLS (G5)	Opal diffuser	
	2x14/24 W	**MWL1**
	Microprismatic diffuser	
	2x14/24 W	**MWL2**

iN 90

accessories Minimal

code

Plate with terminal block and cable-clamp to join pass-through cables **M504**

colour 00 indeterminate
It must be used for every new intermediate power supply (please refer to instruction sheet).

Two end caps **MWB3**

for Minimal T16
colour 15 grey
Complete with cover for overlapping plates

Two end caps **MWP8**

for Minimal T16 SLS
colour 15 grey

For information on system composition please referto the instructions sheet

code

Accessory for recessed installation without rim **MWB6**

colour 00 indeterminate
Complete with spacer for puttying

Attachment for wall installation **MWB7**

colour 15 grey

Power supply base with suspension cables L=1500

for electronic versions **MWB4**
for DALI and emergency **MWB5**
colour 01 white

Intermediate suspension cable **MW67**

colour 00 indeterminate

accessories Frame

code

Plate with terminal block and cable-clamp to join pass-through cables **M504**

colour 00 indeterminate
It must be used for every new intermediate power supply (please refer to instruction sheet).

For information on system composition please referto the instructions sheet

code

Two end caps **MWC9**

for Frame T16
colour 01 white - 15 grey
Complete with cover for overlapping plates

Two end caps **MWP9**

for Frame T16 SLS
colour 01 white - 15 grey

Colours

01
WHITE

12
ALLUMINIUM

iN 60

Minimal T16

W	length	plates	code
Opal diffuser			
Initial module complete with pass-through cables			
for plate 21/39W			
	885	1	**M674**
for plate 28/54W			
	1185	1	**M675**
	2252	2	**M676**
	3326	3	**M677**
for plate 35/49/80W			
	1485	1	**M678**
	2852	2	**M679**
	4226	3	**M680**
Continuous line module			
for plate 28/54W			
	3226	3	**M681**
for plate 35/49/80W			
	4126	3	**M682**

Through wiring for continuous line modules			
28/54W		3	**M753**
28/54W		6	**M754**
28/54W		9	**M755**
28/54W		12	**M756**
35/49/80W		3	**M757**
35/49/80W		6	**M758**
35/49/80W		9	**M759**
35/49/80W		12	**M760**

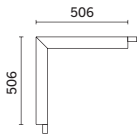
For control gears of recessed applications refer to the instructions sheet

Colour 00 indeterminate

light source	W	length	code
	One-lamp plate		
T16 (G5)	Multiwatt		
	21/39W		**M746**
	28/54W		**M747**
	35/49/80W		**M748**
	DALI multiwatt		
	21/39W		**M749**
	28/54W		**M750**
	35/49/80W		**M751**
	Multiwatt and emergency light		
	35/49W		**M752**

DALI versions occupies 1 address

Colour 01 white

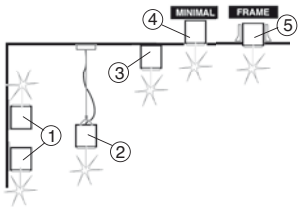


	Angular module complete with wired plate and through wiring Opale diffuser	
T16 (G5)	2x14/24W	**MWG9**
	DALI	
	2x14/24W	**MWH0**

Module with track complete with through wiring	
1185	**MWH3**
1485	**MWH4**

For mains voltage spotlights

Technical information



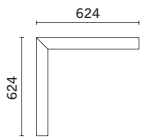
Code	①	②	③	④	⑤
M746 - M749	21/39W	21/39W	21/39W	21/39W	21/39W
M747 - M750	28/54W	28/54W	28/54W	28/54W	28/54W
M748 - M751	35/49/80W	35/49/80W	35/49/80W	35/49W	35/49W
MWG9 - MWH0	2x14/24W	2x14/24W	2x14/24W	2x14/24W	2x14/24W
M752	35/49W	35/49W	35/49W	35/49W	35/49W

iN 60

Minimal T16 SLS

W	length	plates	code
Opal diffuser			
Initial module complete with pass-through cables			
for plate 24 W			
	597	1	**M710**
for plate 21/39 W			
	897	1	**M711**
	1781	2	**M712**
	2665	3	**M713**
for plate 28/54 W			
	1197	1	**M714**
	2381	2	**M715**
	3565	3	**M716**
Continuous line module			
for plate 21/39 W			
	2655	3	**M717**
for plate 28/54 W			
	3555	3	**M718**

W	length	plates	code
Microprismatic diffuser			
Initial module complete with pass-through cables			
for plate 24 W			
	597	1	**M719**
for plate 21/39 W			
	897	1	**M720**
	1781	2	**M721**
	2665	3	**M722**
for plate 28/54 W			
	1197	1	**M723**
	2381	2	**M724**
	3565	3	**M725**
Continuous line module			
for plate 21/39 W			
	2655	3	**M726**
for plate 28/54 W			
	3555	3	**M727**



light source	W	length	plates	code
	Angular module complete with wired plate and through wiring			
T16 SLS (G5)	Opal diffuser			
	2x14/24 W			**MWI8**
	Microprismatic diffuser			
	2x14/24 W			**MWI9**

light source			code
	One-lamp plate		
T16 SLS (G5)	Electronic		
	24 W		**M762**
	21/39 W		**M763**
	28/54 W		**M764**
	DALI multiwatt		
	21/39 W		**M765**
	28/54 W		**M766**
	DALI versions occupies 1 address		
	Colour 01 white		
	Through wiring for continuous line modules		
	21/39 W	3	**MA51**
	21/39 W	6	**MA52**
	21/39 W	9	**MA53**
	21/39 W	12	**MA54**
	28/54 W	3	**MA55**
	28/54 W	6	**MA56**
	28/54 W	9	**MA57**
	28/54 W	12	**MA58**
	For control gears of recessed applications refer to the instructions sheet		
	Colour 00 indeterminate		
	Module with track complete with through wiring		
	1185		**MWH3**
	1485		**MWH4**
	For mains voltage spotlights		

Colours

12
ALLUMINIUM

iN 60

Frame T 16

W	length	plates	code
Opal diffuser			
Initial module complete with pass-through cables			
for plate 21/39 W			
	885	1	**M692**
for plate 28/54 W			
	1185	1	**M693**
	2252	2	**M694**
	3326	3	**M695**
for plate 35/49/80 W			
	1485	1	**M696**
	2852	2	**M697**
	4226	3	**M698**
Continuous line module			
for plate 28/54 W			
	3226	3	**M699**
for plate 35/49/80 W			
	4126	3	**M700**

Complete with brackets for recessed installation

Through wiring for continuous line modules			
28/54 W		3	**M753**
28/54 W		6	**M754**
28/54 W		9	**M755**
28/54 W		12	**M756**
35/49/80 W		3	**M757**
35/49/80 W		6	**M758**
35/49/80 W		9	**M759**
35/49/80 W		12	**M760**

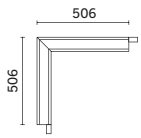
For control gears of recessed applications refer to the instructions sheet

Colour 00 indeterminate

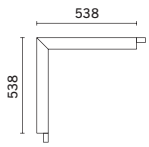
light source	W	length	code
	One-lamp plate		
T 16 (G5)	Multiwatt		
	21/39 W		**M746**
	28/54 W		**M747**
	35/49/80 W		**M748**
	DALI multiwatt		
	21/39 W		**M749**
	28/54 W		**M750**
	35/49/80 W		**M751**
	Multiwatt and emergency light		
	35/49 W		**M752**

DALI versions occupies 1 address

Colour 01 white

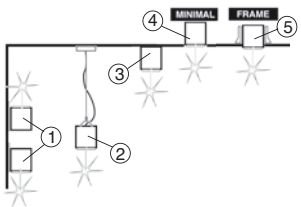


Angular module complete with wired plate and through wiring Opale diffuser		
T 16 (G5)	2x14/24 W	**MWH7**
	DALI	
	2x14/24 W	**MWH8**



Wall-ceiling angular module complete with wired plate and through wiring Opal diffuser		
T 16 (G5)	2x14/24 W	**MWI1**
	DALI	
	2x14/24 W	**MWI2**

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

Module with track complete with through wiring		
	1185	**MWI5**
	1485	**MWI6**

For mains voltage spotlights

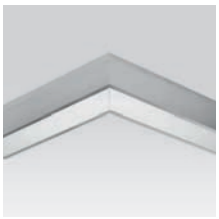
iN 60

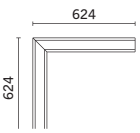
Frame T16 SLS

light source	W	length	plates	code
	Opal diffuser			
	Initial module complete with pass-through cables			
	for plate 24 W			
		597	1	**M728**
	for plate 21/39 W			
		897	1	**M729**
		1781	2	**M730**
		2665	3	**M731**
	for plate 28/54 W			
		1197	1	**M732**
		2381	2	**M733**
		3565	3	**M734**
	Continuous line module			
	for plate 21/39 W			
		2655	3	**M735**
	for plate 28/54 W			
		3555	3	**M736**

light source	W	length	plates	code
	Microprismatic diffuser			
	Initial module complete with pass-through cables			
	for plate 24 W			
		597	1	**M737**
	for plate 21/39 W			
		897	1	**M738**
		1781	2	**M739**
		2665	3	**M740**
	for plate 28/54 W			
		1197	1	**M741**
		2381	2	**M742**
		3565	3	**M743**
	Continuous line module			
	for plate 21/39 W			
		2655	3	**M744**
	for plate 28/54 W			
		3555	3	**M745**

Complete with brackets for recessed installation





light source	W	length	plates	code
	Angular module complete with wired plate and through wiring			
T16 SLS (G5)	Opal diffuser			
	2x14/24 W			**MWJ0**
	Microprismatic diffuser			
	2x14/24 W			**MWJ1**

light source	W	length	plates	code
	One-lamp plate			
T16 SLS (G5)	Electronic			
	24 W			**M762**
	21/39 W			**M763**
	28/54 W			**M764**
	DALI multiwatt			
	21/39 W			**M765**
	28/54 W			**M766**

DALI versions occupies 1 address

Colour 01 white

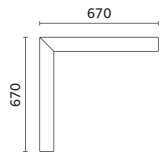
	Through wiring for continuous line modules			
	21/39 W		3	**MA51**
	21/39 W		6	**MA52**
	21/39 W		9	**MA53**
	21/39 W		12	**MA54**
	28/54 W		3	**MA55**
	28/54 W		6	**MA56**
	28/54 W		9	**MA57**
	28/54 W		12	**MA58**

For control gears of recessed applications refer to the instructions sheet

Colour 00 indeterminate

	Module with track complete with through wiring			
		1185		**MWI5**
		1485		**MWI6**

For mains voltage spotlights



	Wall-ceiling angular module complete with wired plate and through wiring			
T16 SLS (G5)	Opal diffuser			
	2x14/24 W			**MWJ2**
	Microprismatic diffuser			
	2x14/24 W			**MWJ3**

Colours

01 WHITE	12 ALLUMINIUM

iN 60

accessories Minimal

code

Plate with terminal block and cable-clamp to join pass-through cables **M761**

colour 00 indeterminate
It must be used for every new intermediate power supply (please refer to instruction sheet)

Two end caps **MWH5**

for Minimal T16
colour 15 grey
Complete with cover for overlapping plates

Two end caps **MWP6**

for Minimal T16 SLS
colour 15 grey

For information on system composition please referto the instructions sheet

code

Accessory for recessed installation without rim **MWH6**

colour 00 indeterminate
Complete with spacer for puttying

Attachment for wall installation **MWB7**

colour 15 grey

Power supply base with suspension cables L=1500

for electronic versions **MWB4**
for DALI and emergency **MWM2**
colour 01 white

Intermediate suspension cable **MW67**

colour 00 indeterminate

accessories Frame

code

Plate with terminal block and cable-clamp to join pass-through cables **M761**

colour 00 indeterminate
It must be used for every new intermediate power supply (please refer to instruction sheet).

For information on system composition please referto the instructions sheet

code

Two end caps **MWI7**

for Frame T16
colour 01 white - 15 grey
Complete with cover for overlapping plates

Two end caps **MWP7**

for Frame T16 SLS
colour 01 white - 15 grey

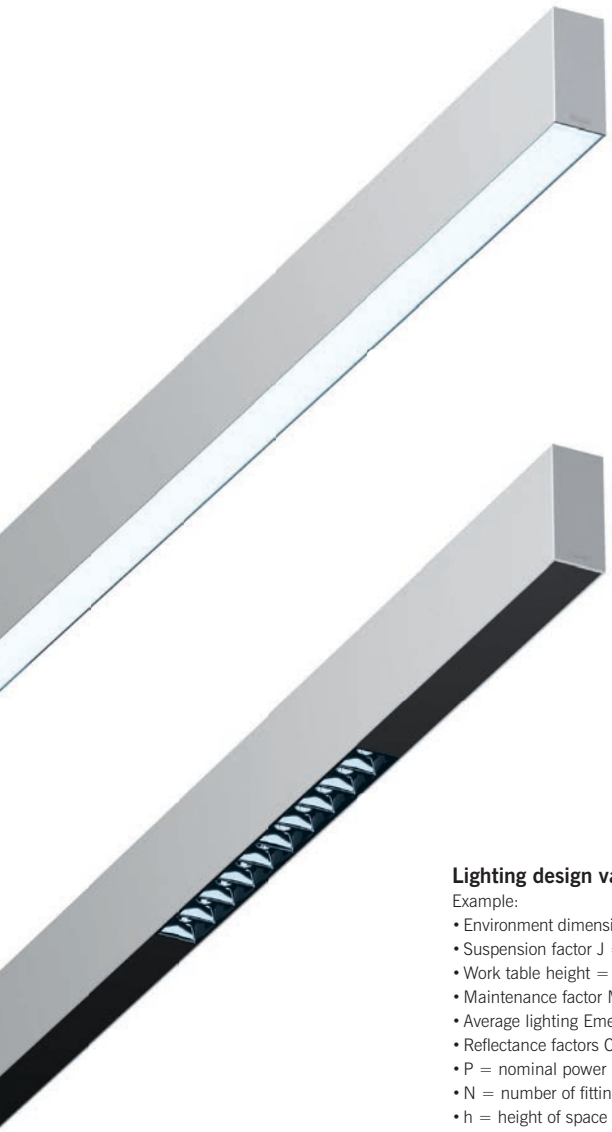
iN 30

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 start or finish a continuous line.
- 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.

DALI PROTOCOL | MULTI W | HIGH EFFICIENCY | mm



iN 30 FL

iN 30 LED
Low contrast

iN 30 LED
Hight contrast

Pendant

Recessed

Ceiling-mounted

Wall-mounted (on request)

Two screens are available for FL versions: microprismatic and opal

Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,333
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	Low contrast				High contrast (1 optical assembly)			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
LED 1x22	15	6,7	18	8,04	-	-	-	-
LED 1x45	8	7,16	10	8,94	-	-	-	-
LED 1x11	-	-	-	-	28	5,53	32	6,32
LED 1x21	-	-	-	-	15	5,93	15	5,93

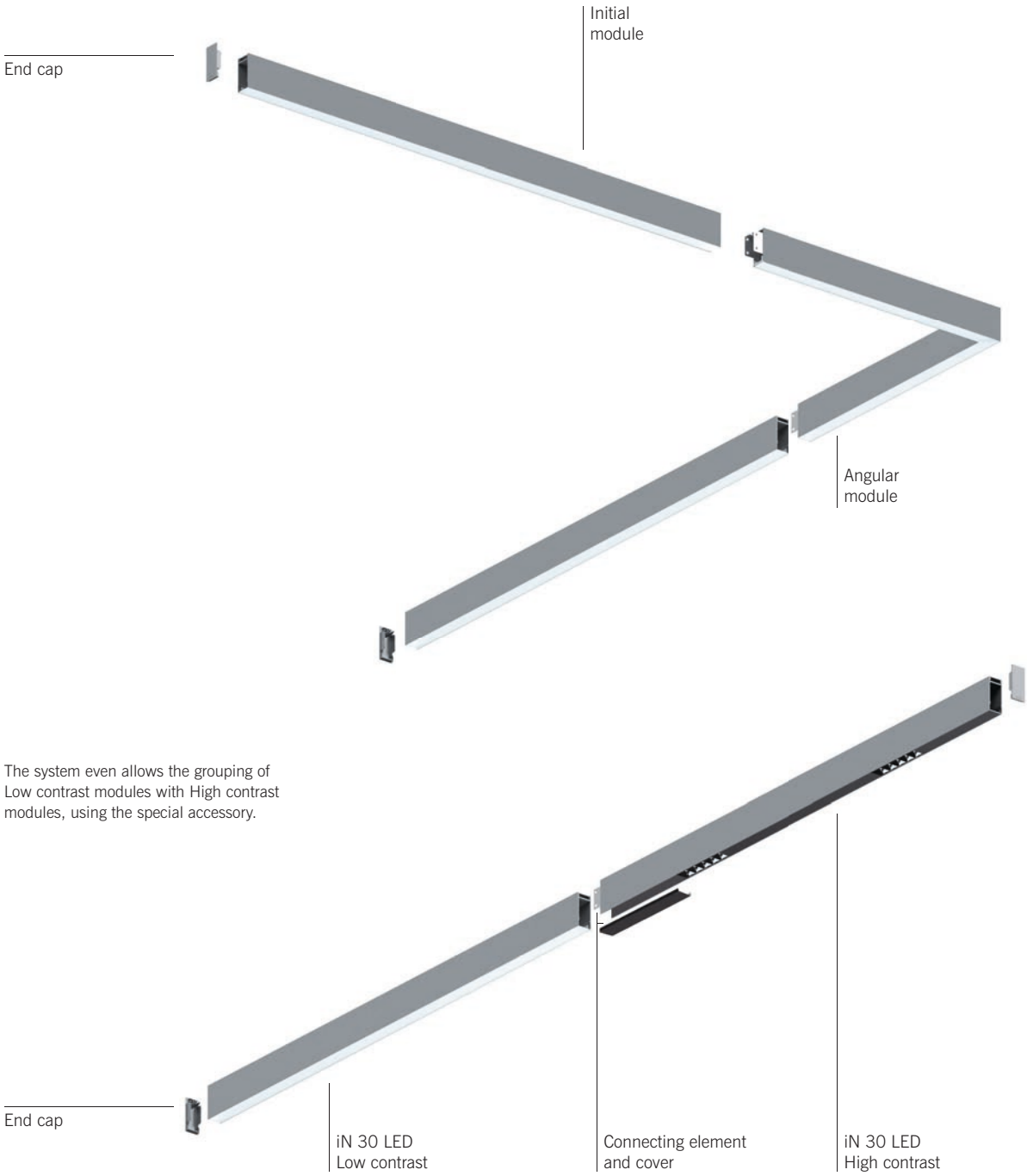
iN 30

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 please refer to the instructions sheet.



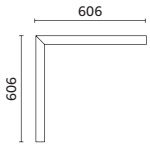
The system even allows the grouping of Low contrast modules with High contrast modules, using the special accessory.

iN 30

light source	W	length	code
	Initial module Opal diffuser		
T 16 SLS (G5)	Multiwatt		
	24 W	601	**M656**
	21/39 W	901	**M657**
	28/54 W	1201	**M658**
	2x14/24 W	1186	**M659**
	2x21/39 W	1786	**M660**
	2x28/54 W	2386	**M661**
	Initial module Microprismatic diffuser		
	Multiwatt		
	24 W	601	**M665**
	21/39 W	901	**M666**
	28/54 W	1201	**M667**
	2x14/24 W	1186	**M668**
	2x21/39 W	1786	**M669**
	2x28/54 W	2386	**M670**

Complete with end caps

	Continuous line module Opal diffuser		
T 16 SLS (G5)	Multiwatt		
	2x14/24 W	1170	**M662**
	2x21/39 W	1770	**M663**
	2x28/54 W	2370	**M664**
	Continuous line module Microprismatic diffuser		
	Multiwatt		
	2x14/24 W	1170	**M671**
	2x21/39 W	1770	**M672**
	2x28/54 W	2370	**M673**



	Angular module Opal diffuser		
T 16 SLS (G5)	Multiwatt		
	2x14/24 W		**MWG3**
	Angular module Microprismatic diffuser		
	Multiwatt		
	2x14/24 W		**MWG4**

For control gears of recessed applications refer to the instructions sheet

accessories

Power supply base with suspension cables L=1500 — **MWG5**
colour 01 white

Intermediate suspension cable — **MWG6**
colour 00 indeterminate

For information on system composition please referto the instructions sheet

Attachment for ceiling-mounted installation — **MWG7**
colour 00 indeterminate

Accessory for recessed installation without rim — **MWG8**
colour 00 indeterminate

Colours

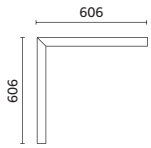
12
ALLUMINIUM

iN 30 LED

light source	W	length	code
LED	**Initial module Low contrast**		
	Neutral white		
	22 W	2650	1197 **ME36**
	45 W	5290	2394 **ME37**
	Warm white		
	22 W	2460	1197 **ME38**
	45 W	4920	2394 **ME39**
	Neutral white DALI		
	22 W	2650	1197 **MJ48**
	45 W	5290	2394 **MJ49**
	Warm white DALI		
	22 W	2460	1197 **MJ50**
	45 W	4920	2394 **MJ51**

light source	W	length	code
LED	**Continuous line module Low contrast**		
	Neutral white		
	22 W	2650	1197 **ME40**
	45 W	5290	2394 **ME41**
	Warm white		
	22 W	2460	1197 **ME42**
	45 W	4920	2394 **ME43**
	Neutral white DALI		
	22 W	2650	1197 **MJ52**
	45 W	5290	2394 **MJ53**
	Warm white DALI		
	22 W	2460	1197 **MJ54**
	45 W	4920	2394 **MJ55**

light source	W	length	code
LED	**Module High contrast**		
	Neutral white		
	22 W	2000	1197 **MJ58**
	42 W	4000	1462 **MJ62**
	Warm white		
	22 W	1800	1197 **MJ59**
	42 W	3600	1462 **MJ63**
	Neutral white DALI		
	22 W	2000	1197 **MJ60**
	42 W	4000	1462 **MJ64**
	Warm white DALI		
	22 W	1800	1197 **MJ61**
	42 W	3600	1462 **MJ65**



light source	W	length	code
LED	**Angular module Low contrast**		
	Neutral white		
	22 W	2650	**ME44**
	Warm white		
	22 W	2460	**ME45**
	Neutral white DALI		
	22 W	2650	**MJ56**
	Warm white DALI		
	22 W	2460	**MJ57**

accessories

Two end caps to complete modules for single and continuous line installation **MX80**
colour 15 grey

Connection elements and covers for continuous line installation **MX81**
only for High contrast versions
colour 00 indeterminate

For information on system composition please referto the instructions sheet

Power supply base with suspension cables L=1500 **MWG5**
colour 01 white

Intermediate suspension cable **MWG6**
colour 00 indeterminate

Attachment for ceiling-mounted installation **MWG7**
colour 00 indeterminate

Accessory for recessed installation without rim **MWG8**
colour 00 indeterminate

Banca Intesa - London, United Kingdom
Lighting project: De Lucchi Studio aMDL - Photo: James Newton

Colours

12
ALLUMINIUM

Wide
design Luigi Massoni

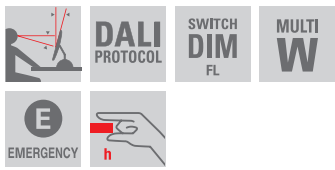
Wide plus

Features

IP20

Darklight
- 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.
- The parallel plane optical system with bi-parabolic profile is made of mirrored anodized ultrapure aluminium.

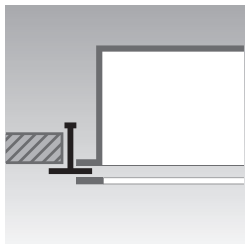
General light
- Recessed installation in false ceilings with 1 to 25 mm.
- Load-bearing structure made of painted sheet steel, plastic diffuser screen, white sheet steel internal reflector.
- Polycarbonate opal diffusing screen, anti-UV treatment.



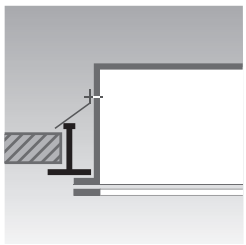
Darklight

General light

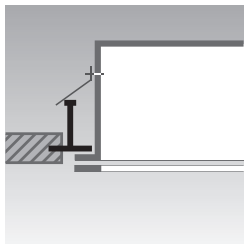
Installation



Grid installation from above



Grid installation from below



Recessed grid installation from below

page 468-469

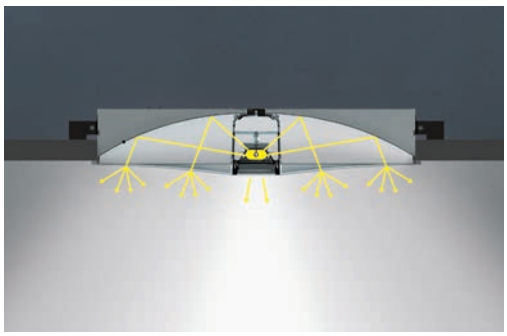
iGuzzini illuminazione offices - Guildford, UK

Photo: Gabriele Basilico

Wide plus

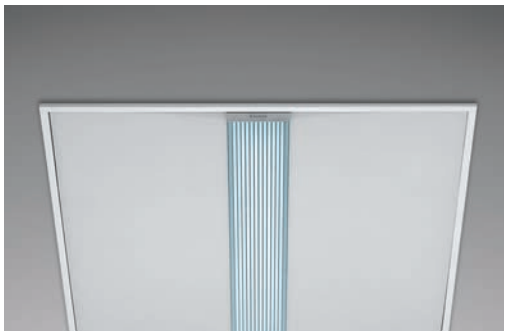
Light distribution

The Wide plus special optical assembly guarantees uniform diffused lighting.
The aluminium central reflector controls the lamp down lighting, whilst the secondary reflector allows optimum distribution of its up light.



Darklight
Optic with specular reflector has controlled luminance L≤1000 cd/m² for α>65°.

General light
Optic with frosted polycarbonate diffuser screen for uniform lighting.



Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,0
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	General light				Darklight			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
TC-L 1x55	15	14,64	24	23,42	10	9,76	15	14,64
TC-L 2x55	18	35,14	24	46,85	-	-	-	-
T16 2x14	50	25,6	77	39,42	35	17,92	50	25,6
T16 2x24	35	30,24	54	46,66	24	20,74	35	30,24
T16 1x28	24	12,29	32	16,38	15	7,68	21	10,75
T16 1x54	15	14,88	18	17,86	10	9,92	12	11,9
T16 2x28	28	28,67	40	40,96	18	18,43	24	24,58
T16 2x54	15	29,76	24	47,62	10	19,84	15	29,76

Wide

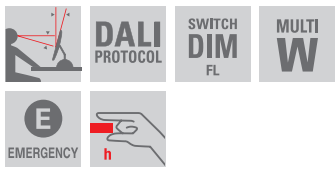
design Luigi Massoni

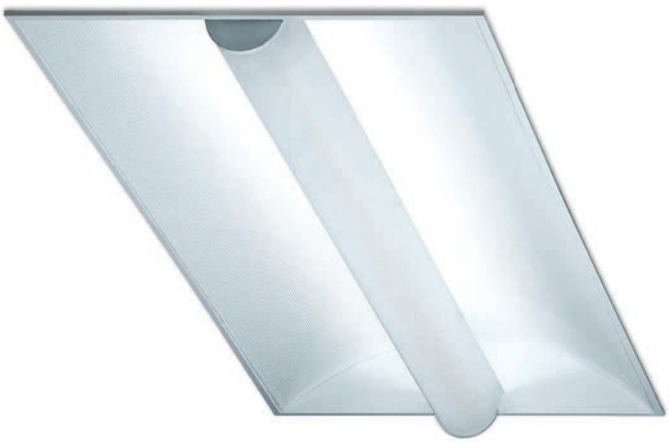
Features

IP20

Darklight
- Recessed installation in false ceilings with 1 to 25 mm.
- Sheet steel load-bearing structure with white painted sheet aluminium reflective surface.
- Super-pure aluminium optics.

General light
- Recessed installation in false ceilings with 1 to 25 mm.
- Sheet steel load-bearing structure with white painted sheet aluminium reflective surface.
- Polycarbonate opal diffusing screen, anti-UV treatment.

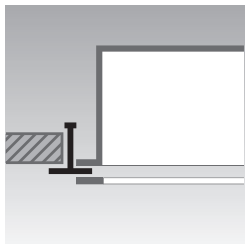




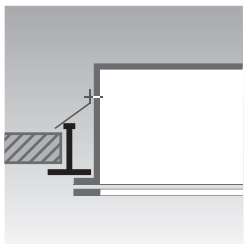
Darklight

General light

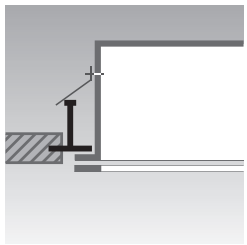
Installation



Grid installation from above



Grid installation from below



Recessed grid installation from below

Wide

Light distribution

Darklight
Optic with specular reflector has controlled luminance
L≤1000 cd/m² for α>65°.

General light
Optic with microperforated diffuser screen for uniform lighting.

Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,0
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	General light				Darklight			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
TC-L 1x55	10	9,76	15	14,64	15	14,64	21	20,5
TC-L 2x55	-	-	-	-	18	35,14	28	54,66
T16 1x54	10	9,92	12	11,9	10	9,92	15	14,88
T16 2x54	10	19,84	12	23,81	12	23,81	18	35,71

Wide basic

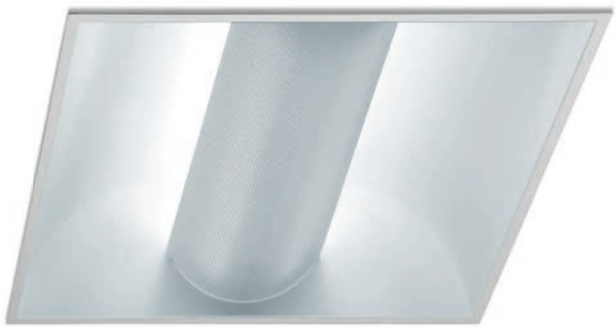
Features

IP20

Darklight
- Recessed installation in modular false ceilings with 600 mm tile size, 1 to 25 mm thick.
- Load-bearing structure made of painted sheet steel.
- Lateral covers made of micro-perforated sheet metal with frosted internal diffuser film.
- Super-pure aluminium optics.

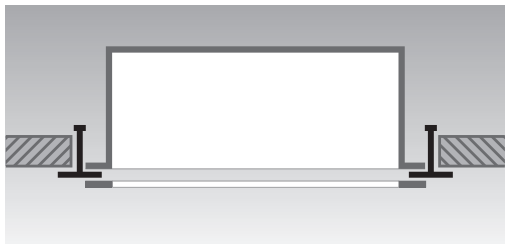
General light
- Recessed installation in modular false ceilings with 600 mm tile size, 1 to 25 mm thick.
- Load-bearing structure made of painted sheet steel.
- Central cover made of micro- perforated sheet metal with frosted internal diffuser film.

Darklight



General light

Installation

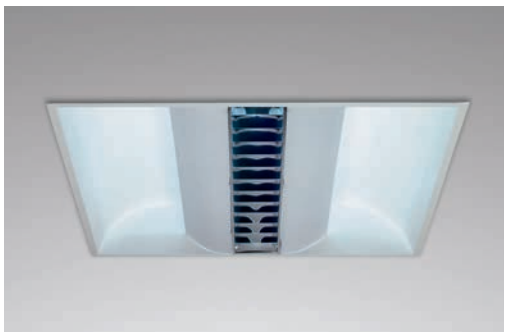


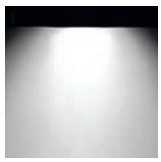
Grid installation from above

Wide basic

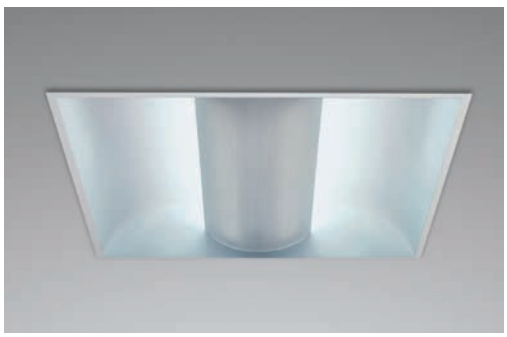
Light distribution

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

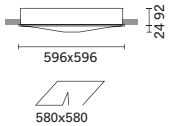


Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,0
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	General light				Darklight			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
TC-L 1x55	-	-	-	-	10	9,76	15	14,64
TC-L 1x40	-	-	-	-	15	10,56	18	12,67
TC-L 2x55	15	29,28	24	46,85	12	23,42	15	29,28
TC-L 2x40	-	-	-	-	15	21,12	24	33,79

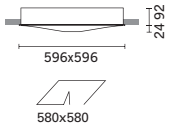
Wide plus



light source	W	code
	Darklight	
TC-L (2G11)	Electronic	
	55 W	**6231**
	DALI	
	55 W	**6233**
	Electronic and permanent emergency light	
	55 W	**6235**
T 16 (G5)	Multiwatt	
	2x14/24 W	**6232**
	DALI	
	2x24 W	**6234**

DALI versions occupies 1 address

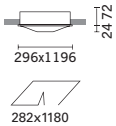
colour 39 white/aluminium



light source	W	code
	General light	
TC-L (2G11)	Electronic	
	55 W	**6241**
	2x55 W	**6242**
	DALI	
	55 W	**6244**
	2x55 W	**6245**
	Electronic and permanent emergency light	
	55 W	**6247**
T 16 (G5)	Multiwatt	
	2x14/24 W	**6243**
	DALI	
	2x24 W	**6246**

DALI versions occupies 1 address

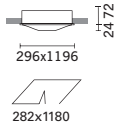
colour 01 white



	Darklight	
T 16 (G5)	Multiwatt	
	28/54 W	**6236**
	2x28/54 W	**6237**
	DALI multiwatt	
	28/54 W	**6238**
	2x28/54 W	**6239**
	Electronic and permanent emergency light	
	2x28/54 W	**6240**

DALI versions occupies 1 address

colour 39 white/aluminium



	General light	
T 16 (G5)	Multiwatt	
	28/54 W	**6248**
	2x28/54 W	**6249**
	DALI multiwatt	
	28/54 W	**6250**
	2x28/54 W	**6251**
	Electronic and permanent emergency light	
	2x28/54 W	**6252**

DALI versions occupies 1 address

colour 01 white

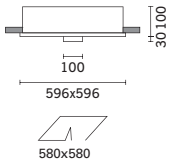
accessories

	code
Luminance control screen	**9498**

for 6237-6239-6240

colour 01 white

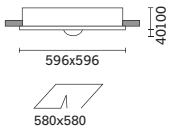
Wide



light source	W		code
	Darklight		
TC-L (2G11)	Electronic		
	55 W		**3744**
	DALI		
	55 W		**3745**
	Electronic and permanent emergency light		
	55 W		**3746**

DALI versions occupies 1 address

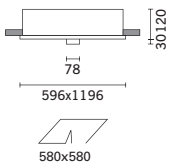
h false ceiling=118 mm
colour 39 white/aluminium



light source	W		code
	General light		
TC-L (2G11)	Electronic		
	55 W		**3808**
	2x55 W		**3809**
	DALI		
	55 W		**3816**
	2x55 W		**3817**
	Electronic and permanent emergency light		
	55 W		**3818**

DALI versions occupies 1 address

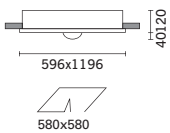
h false ceiling=118 mm
colour 01 white



	Darklight		
T 16 (G5)	Electronic		
	54 W	596x1196	**3747**
	2x54 W	596x1196	**3748**
	DALI multiwatt		
	28/54 W	596x1196	**3749**
	2x28/54 W	596x1196	**3750**
	Electronic and permanent emergency light		
	54 W	596x1196	**3751**

DALI versions occupies 1 address

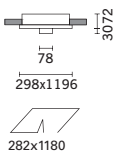
h false ceiling=138 mm
colour 39 white/aluminium



	General light		
T 16 (G5)	Electronic		
	54 W	596x1196	**3819**
	2x54 W	596x1196	**3826**
	DALI multiwatt		
	28/54 W	596x1196	**3827**
	2x28/54 W	596x1196	**3830**
	Electronic and permanent emergency light		
	54 W	596x1196	**3831**

DALI versions occupies 1 address

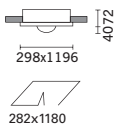
h false ceiling=138 mm
colour 01 white



	Darklight		
T 16 (G5)	Electronic		
	54 W	298x1196	**3789**
	2x54 W	298x1196	**3800**
	DALI multiwatt		
	28/54 W	298x1196	**3801**
	2x28/54 W	298x1196	**3802**
	Electronic and permanent emergency light		
	54 W	298x1196	**3803**

DALI versions occupies 1 address

h false ceiling=90 mm
colour 39 white/aluminium



	General light		
T 16 (G5)	Electronic		
	54 W	298x1196	**3832**
	2x54 W	298x1196	**3833**
	DALI multiwatt		
	28/54 W	298x1196	**3836**
	2x28/54 W	298x1196	**3837**
	Electronic and permanent emergency light		
	54 W	298x1196	**4299**

DALI versions occupies 1 address

h false ceiling=90 mm
colour 01 white

accessories

Luminance control screen
for 3744-3745-3746 **9783**
for 3748-3750 3800-3802 **9786**
colour 01 white

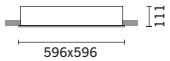
Kit of fastening rods for false ceilings **6834**
colour 00 indeterminate

Colours

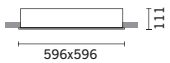
01
WHITE

39
WHITE/ALLUMINIUM

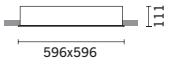
Wide basic



light source	W	code
	Darklight	
TC-L (2G11)	Electronic	
	55 W	**MA92**
	40 W	**MA93**
	DALI	
	55 W	**MA94**
	40 W	**MA95**
	Electronic and permanent emergency light	
	55 W	**MA96**
	40 W	**MA97**
	DALI versions occupies 1 address	
	colour 01 white	



light source	W	code
	Darklight	
TC-L (2G11)	Electronic	
	2x55 W	**MA98**
	2x40 W	**MA99**
	DALI	
	2x55 W	**MB00**
	2x40 W	**MB01**
	Electronic and permanent emergency light	
	2x55 W	**MB02**
	2x40 W	**MB03**
	DALI versions occupies 1 address	
	colour 01 white	



light source	W	code
	General light	
TC-L (2G11)	Electronic	
	2x55 W	**MB04**
	DALI	
	2x55 W	**MB05**
	Electronic and permanent emergency light	
	2x55 W	**MB06**
	DALI versions occupies 1 address	
	colour 01 white	

Rue de Colisée - Paris, France

Architectural project: arch. Jean-Michel DEPOULPIQUET - Photo: Didier Boy De La Tour

Colours

01
WHITE

39
WHITE/ALLUMINIUM

Base Lighting

design Yamada

iF Design Award

Marcegaglia Headquarters - Gazoldo degli Ippoliti, Mantova, Italy

Photo: Giuseppe Saluzzi

Base Lighting

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.

DALI PROTOCOL | SWITCH DIM FL | EMERGENCY

Light distribution

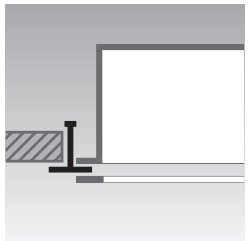
The luminaire represents the ideal solution for all areas where diffused comfortable lighting is necessary, with a reduced contrast between shadows and light.

Lighting design values

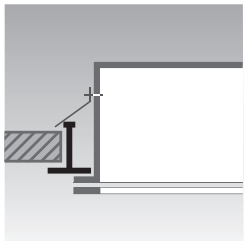
Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,0
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	General light (solid cover)				General light (microperforated cover)			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
TC-L 2x55	21	40,99	32	62,46	15	29,28	21	40,99
T16 2x54	21	41,66	32	63,49	12	23,81	18	35,71
T16 4x54	21	83,33	28	111,1	12	23,81	18	35,71

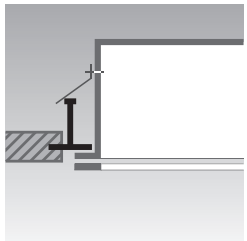
Installation



Grid installation from above

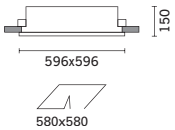


Grid installation from below



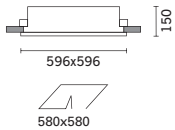
Recessed grid installation from below

Base Lighting



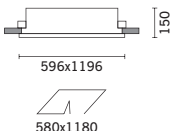
light source	W	code
TC-L (2G11)	Electronic	
	2x55 W	**3604**
	DALI	
	2x55 W	**3630**
	Electronic and permanent emergency light	
	2x55 W	**3664**

DALI versions occupies 1 address



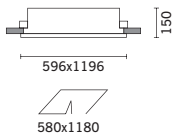
light source	W	code
	Microperforated cover plates	
TC-L (2G11)	Electronic	
	2x55 W	**3660**
	DALI	
	2x55 W	**3661**
	Electronic and permanent emergency light	
	2x55 W	**3683**

DALI versions occupies 1 address



T 16 (G5)	Electronic	
	2x54 W	**3649**
	4x54 W	**3499**
	DALI multiwatt	
	2x28/54 W	**3632**
	4x28/54 W	**3619**
	Electronic and permanent emergency light	
	2x54 W	**3633**

DALI versions occupies 1 address



	Microperforated cover plates	
T 16 (G5)	Electronic	
	2x54 W	**3735**
	4x54 W	**3736**
	DALI multiwatt	
	2x28/54 W	**3737**
	4x28/54 W	**3738**
	Electronic and permanent emergency light	
	2x54 W	**3739**

DALI versions occupies 1 address

accessories

	code
Kit of fastening rods for false ceilings colour 00 indeterminate	**6826**

Colours

01
WHITE

Galaxy T16

Recessed

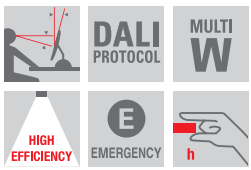
Ceiling-mounted

Galaxy T16

Features

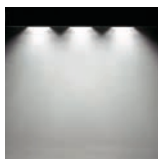
IP20

- Ceiling mounted and recessed installation on modular 600x600 mm false ceilings with 1-25 mm thickness.
- Load-bearing structure made of painted sheet steel.
- Super-pure aluminium optics.



Light distribution

The luminaire guarantees extremely high light output and perfect luminance controlUGR<19.

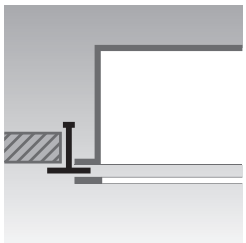


Lighting design values

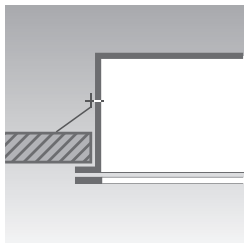
Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,0
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed= 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	Darklight			
	h=3m		h=6m	
	N	W/m²	N	W/m²
T16 4x14	40	40,96	50	51,2
T16 4x24	28	48,38	35	60,48

Installation



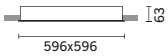
Grid installation from above



Plasterboard application

Galaxy T16

Recessed



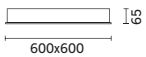
light source	W	code
T 16 (G5)	Multiwatt	
	4x14/24 W	**MA89**
	DALI multiwatt	
	4x14/24 W	**MA90**
	Multiwatt and permanent emergency light	
	4x14/24 W	**MA91**

DALI versions occupies 1 address

accessories

	code
Kit of fastening rods for false ceilings with cross-sections of 8 to 40mm colour 00 indeterminate	**MWN4**

Ceiling-mounted



light source	W	code
T 16 (G5)	Multiwatt	
	4x14/24 W	**M637**
	DALI multiwatt	
	4x14/24 W	**M638**
	Multiwatt and permanent emergency light	
	4x14/24 W	**M639**

DALI versions occupies 1 address

SIESM - La Rochette, France
Architectural project: arch. Barbara Dumont - Photo: Didier Boy de la Tour

Colours

01
WHITE

Sivra Compact / Compact Easy

design Maurizio Varratta

iF Design Award

Fundación Barrié de la Maza - Vigo, Spain

Architectural project: Luis M. Mansilla, Emilio Tuñón - Photo: José Hevia

Sivra Compact / Compact Easy

Features

IP53 (IP40 for vertical applications)

- Recessed installation in false ceilings with 1 to 25 mm.
- Painted sheet steel load-bearing structure, aluminium frame.
- Thermoplastic diffusing screen.

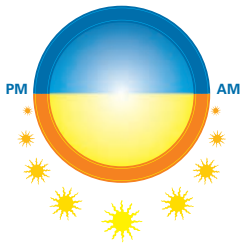
Sivra Compact

Compact Easy

Sivra Compact

Biodynamic light
Sivra Compact is compatible with iGuzzini light management systems. The control panel, which manages the system, allows the user to access features that regulate the system either manually or via a smart card.
The user can control Sivra's lighting intensity as well as the colour temperature from the control panel.
For further information, consult the Light Management System section page 19.

Each module is equipped with T16 fluorescent lamps.
N° 3 2700 K tubes
N° 4 6500 K tubes

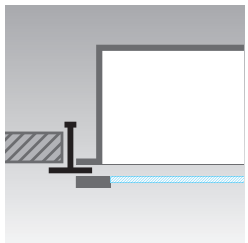


Lighting design values

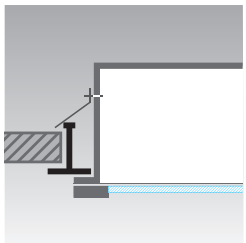
Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,0
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	General light			
	h=3m		h=6m	
	N	W/m²	N	W/m²
T16 7x24	8	24,19	12	36,29
T16 7x54	3	20,83	4	27,78

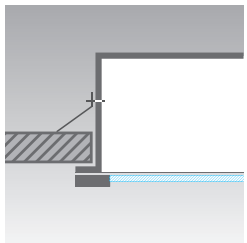
Installation



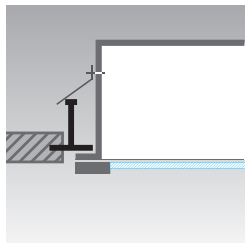
Grid installation from above



Grid installation from below



Plasterboard application

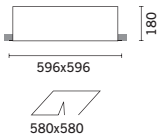


Recessed grid installation from below

Sivra Compact / Compact Easy

Sivra Compact

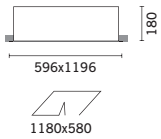
accessories



light source	W	code
T 16 (G5)	7x24 W	**3945**

Complete with lamp
Occupies 4 DALI addresses

	code
Set of supporting cables colour 00 indeterminate	**9830**



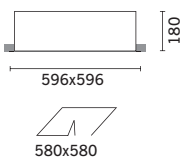
light source	W	code
T 16 (G5)	7x54 W	**3948**

Complete with lamp
Occupies 4 DALI addresses

Sivra Compact is compatible with light management systems of the iGuzzini range illustrated on page 19.
For the system definition, refer to the instructions.

Compact Easy

accessories



light source	W	code
T 16 (G5)	Electronic	
	4x24 W	**6200**
	Multiwatt and separate switches	
	4x14/24 W	**6202**
	DALI	
	4x24W	**4637**
	Multiwatt and permanent emergency light	
	4x14/24 W	**6201**

DALI versions occupies 2 addresses

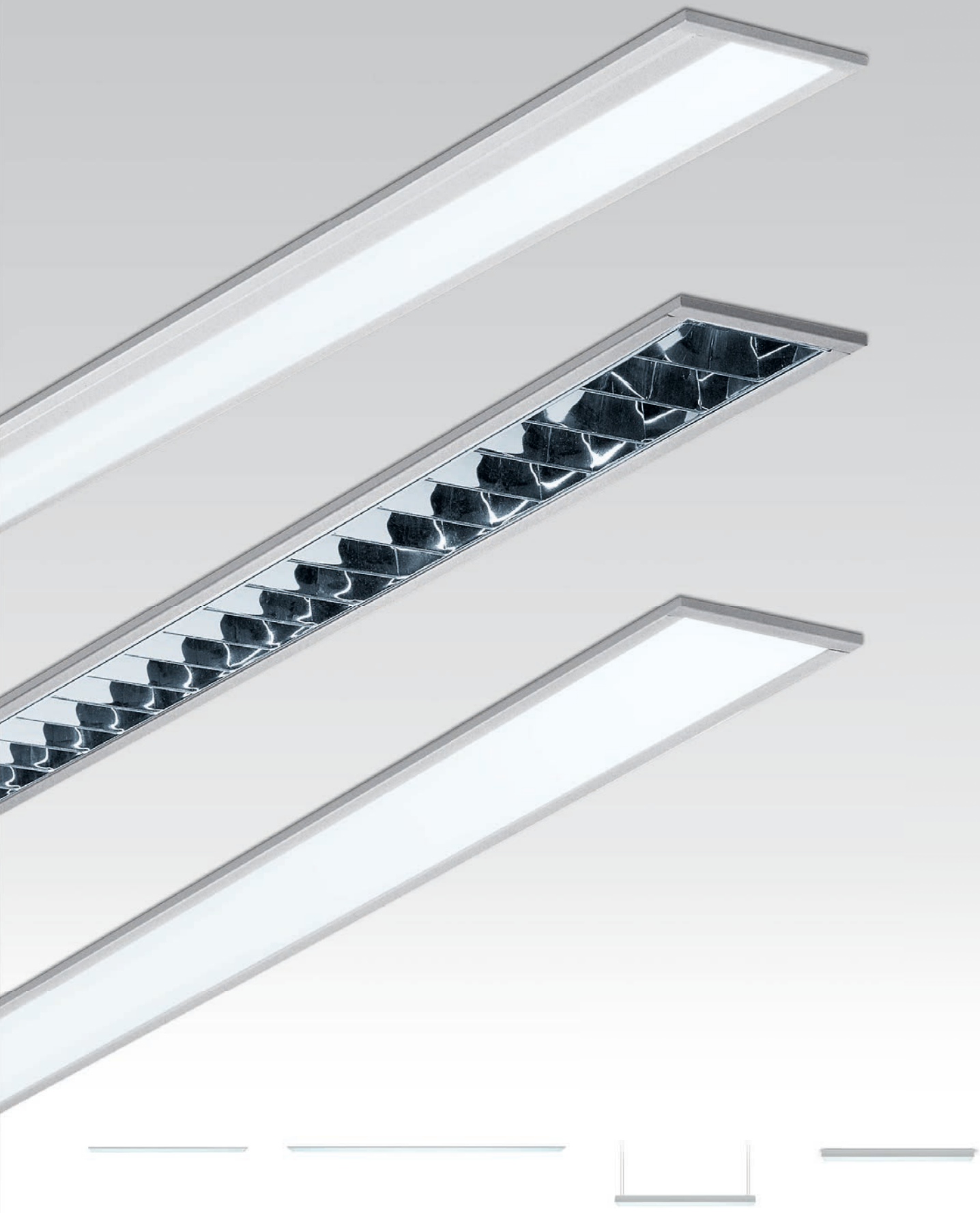
	code
Set of supporting cables colour 00 indeterminate	**9830**

Colours

01
WHITE

h_da
UNIVERSITY OF APPLIED SCIENCE

Lineup



recessed | recessed luminaire in continuous lines | pendant | ceiling-mounted

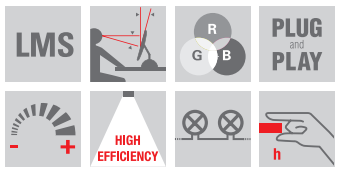
Darmstadt Technical University - Darmstadt, Germany
Photo: Kristof Lemp

Lineup recessed

Features

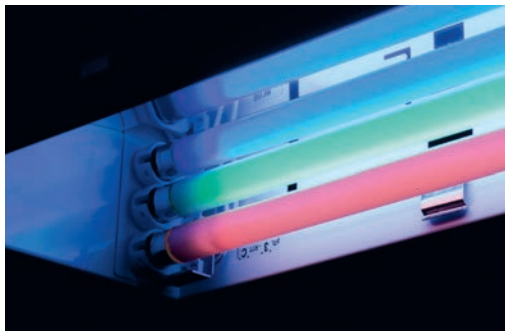
IP20

- Recessed installation in false ceilings with 1 to 25 mm.
- Galvanised, painted sheet steel supporting structure and end caps.
- Wall-washer versions with painted aluminium lamp cover and superpure aluminium reflector.
- Darklight versions, super-pure aluminium reflectors and lamellar optics with parabolic profile.
- General light versions with polycarbonate diffuser.



RGB versions

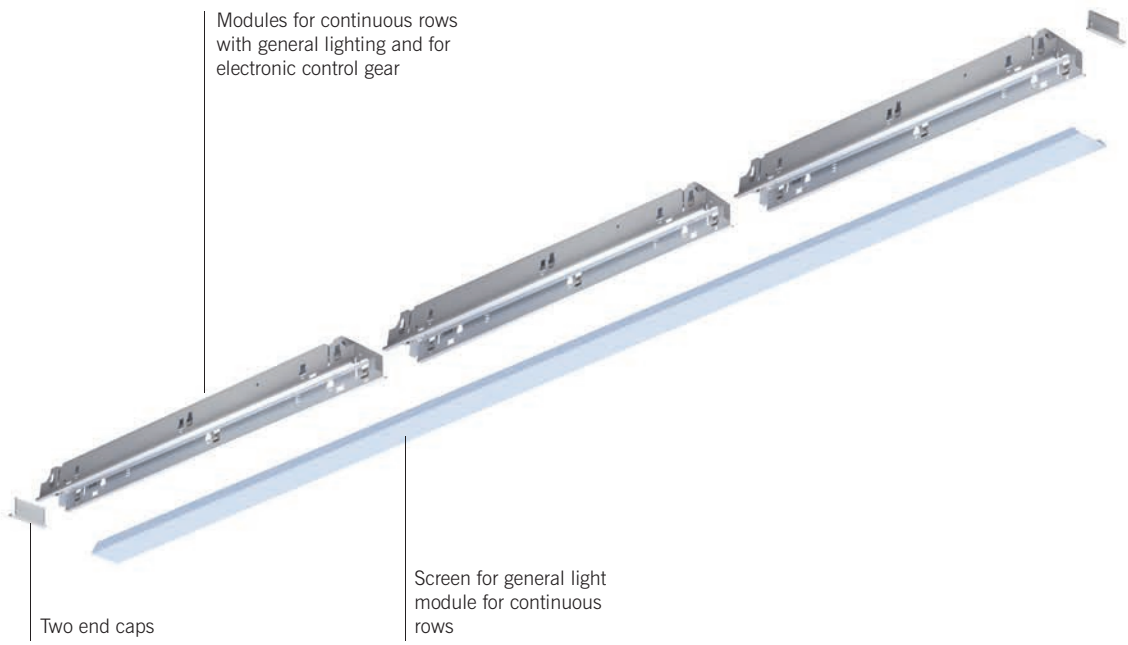
Lineup RGB wall washer is a system that generates coloured variable light. The mix of the three Red colours, red, green, and blue, of the T16 lamps allows the user to obtain a complete range of colours.



- 1 tube RED
- 1 tube GREEN
- 1 tube BLUE

Occupies 3 DALI addresses

Continuous lines version

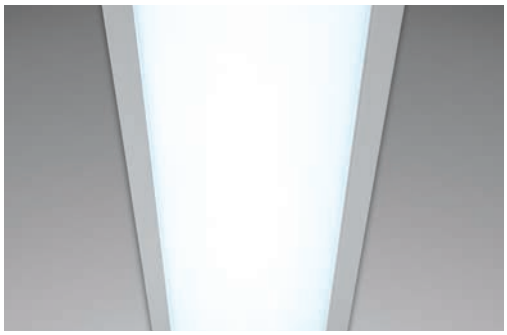


Lineup recessed

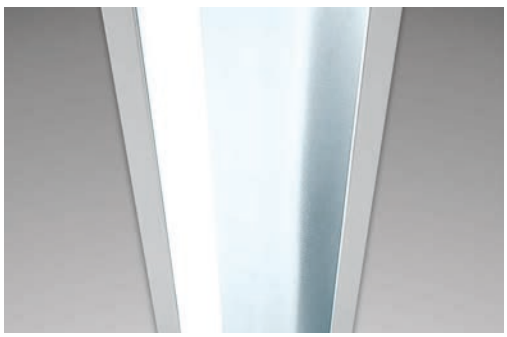
Light distribution

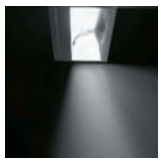
Darklight
Lineup Darklight is ideal when lighting offices and spaces with monitors. The ultrapure mirrored aluminium reflectors with bi-parabolic profiles are coupled with T16 lamps for top lighting performance and controlled luminance in compliance with EN 12464 1 standards.

General light
Lineup general lighting with polycarbonate diffusing screens has a comfortable and homogenous light distribution with limited glare from the lamps.



Wall washer
The Lineup wall washer fittings are ideal for vertical surfaces. The shape of the reflector was specially designed, and it produces uniform lighting on walls.





Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,0
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	General light				Darklight			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
T16 1x28	32	16,38	45	23,04	15	7,68	18	9,22
T16 1x35	-	-	-	-	12	7,49	15	9,36
T16 1x49	18	16,13	28	25,09	-	-	-	-
T16 1x54	18	17,86	28	27,78	8	7,94	10	9,92
T16 1x80	15	21,84	21	30,58	-	-	-	-
T16 2x21	-	-	-	-	24	18,43	32	24,58
T16 2x28	-	-	-	-	18	18,43	24	24,58
T16 2x39	-	-	-	-	15	21,6	21	30,24
T16 2x54	21	41,66	28	55,55	10	19,84	15	29,76

Lineup ceiling-mounted/pendant

Features

IP20

- Ceiling mounted or pendant.
- Powder-painted sheet steel structure.
- Darklight versions, super-pure aluminium reflectors and lamellar optics with parabolic profile.
- General light versions with polycarbonate diffuser.

Versions

Dark light pendant
The modules, with up-down light, can only be pendant if the suitable accessories are used.

Version 110 mm

Version 190 mm

Dark Light ceiling-mounted
The modules, with down light, can be either ceiling-mounted or pendant using the appropriate accessories.

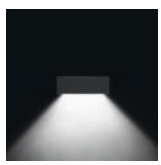
Version 110 mm

Version 190 mm

General light ceiling-mounted
The modules, with down light, can be either ceiling-mounted or pendant using the appropriate accessories.

Version 110 mm

Version 190 mm



Lineup ceiling-mounted/pendant

Light distribution

Darklight
The Darklight module
L≤1000 cd/m² for α>65° is available with single and double optic.

Up/down light

Down light

General light
The module with polycarbonate diffuser screen is available with single and double optic

Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,0
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	General light				Darklight			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
T16 1x35	24	14,98	36	22,46	12	7,49	15	9,36
T16 1x49	21	19,15	28	25,54	8	7,3	10	9,12
T16 1x80	15	21,84	18	26,21	6	8,74	8	11,65
T16 1x28	28	14,34	35	17,92	15	7,68	18	9,22
T16 1x54	15	14,88	24	23,81	8	7,94	10	9,92
T16 2x35	28	34,94	35	43,68	15	18,72	18	22,46
T16 2x49	21	37,63	28	50,18	10	17,92	15	26,88
T16 2x28	32	32,77	40	40,96	15	15,36	21	21,5
T16 2x54	18	35,71	24	47,62	10	19,84	12	23,81

P (watt)	General light (double)				Darklight (double)			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
T16 1x80	-	-	-	-	-	-	-	-
T16 1x28	-	-	-	-	-	-	-	-
T16 1x54	-	-	-	-	-	-	-	-
T16 2x35	18	22,46	24	29,95	10	12,48	15	18,72
T16 2x49	15	26,88	18	32,26	8	14,34	10	17,92
T16 2x28	24	24,58	28	28,67	15	15,36	18	18,43
T16 2x54	12	23,81	18	35,71	8	15,87	10	19,84

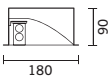
Lineup

Recessed

100x(1174/1474xN+13)
N=number of fittings

light source	W	length	code
	Wall washer		
T 16 (G5)	Electronic		
	28 W	1198	**5800**
	35 W	1498	**5801**
	54 W	1198	**5802**
	80 W	1498	**5803**
	DALI multiwatt		
	28/54 W	1198	**5806**
	35/49/80 W	1498	**5807**

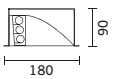
DALI versions occupies 1 address



168x(574xN+13)
N=number of fittings

light source	W	length	code
	Wall washer		
TC-L (2G11)	Electronic		
	55 W	598	**5808**
	DALI		
	55 W	598	**5810**

DALI versions occupies 1 address



168x(1174xN+13)
N=number of fittings

light source	W	length	code
	Wall washer		
T 16 (G5)	RGB		
	3x28/54 W	1198	**5813**

Complete with lamp.
Occupies 3 DALI addresses.

Compatible with light management systems of the iGuzzini range illustrated on page 19. For the system definition, refer to the instructions.

100x(1174/1474xN+13)
N=number of fittings

light source	W	length	code
	Darklight		
T 16 (G5)	Electronic		
	35 W	1498	**5814**
	54 W	1198	**5815**
	2x35 W	1498	**5816**
	2x54 W	1198	**5817**
	DALI multiwatt		
	28/54 W	1198	**5818**
	2x35 W	1498	**5819**
	2x28/54 W	1198	**5820**
	Electronic and permanent emergency light		
	54 W	1198	**5821**

DALI versions occupies 1 address

100x(1174/1474xN+13)
N=number of fittings

100x(1174/1474xN+13)
N=number of fittings

5826-5830

light source	W	length	code
	General light		
T 16 (G5)	Electronic		
	54 W	1198	**5823**
	80 W	1498	**5824**
	2x35 W	1498	**5825**
	2x54 W	1198	**5826**
	DALI		
	28/54 W	1198	**5827**
	35/49/80 W	1498	**5828**
	2x35 W	1498	**5829**
	2x54 W	1198	**5830**
	Electronic and permanent emergency light		
	54 W	1198	**5831**
	2x35 W	1498	**5832**

DALI versions occupies 1 address

Complete with protection screen

Lineup

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
	General light		
T 16 (G5)	Electronic		
	54 W	1174	**5894**
	80 W	1474	**5895**
	2x35 W	1474	**5896**
	2x54 W	1174	**5897**
	DALI		
	28/54 W	1174	**5898**
	35/49/80 W	1474	**5899**
	2x35 W	1474	**6294**
	2x54 W	1174	**6295**
	Electronic and permanent emergency light		
	54 W	1174	**6296**
	2x35 W	1474	**6297**

DALI versions occupies 1 address

accessories

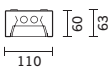
	code
Protection diffuser for multiple lengths	
1 module L=1174	**9667**
2 modules L=1174 (2348)	**9668**
3 modules L=1174 (3522)	**9669**
1 module L=1474	**9670**
2 modules L=1474 (2948)	**9671**
3 modules L=1474 (4422)	**9672**

colour 01 white

	code
Two end caps	**9673**

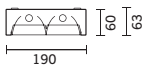
colour 01 white

Pendant



light source	W	length	code
	Darklight up/down light		
T 16 (G5)	Multiwatt		
	35/49/80 W	1490	**MA74**
	28/54 W	1200	**MA75**
	2x35/49 W	1490	**MA76**
	2x28/54 W	1200	**MA77**
	DALI multiwatt		
	35/49/80 W	1490	**MA78**
	28/54 W	1200	**MA79**
	2x35/49 W	1490	**MA80**
	2x28/54 W	1200	**MA81**
	Multiwatt and permanent emergency light		
	35/49/80 W	1490	**MA82**
	2x35/49 W	1490	**MA83**

DALI versions occupies 1 address



	Double Darklight optic up/down light		
T 16 (G5)	Multiwatt		
	2x35/49 W	1490	**MA84**
	2x28/54 W	1200	**MA85**
	DALI multiwatt		
	2x35/49 W	1490	**MA86**
	2x28/54 W	1200	**MA87**
	Multiwatt and permanent emergency light		
	2x35/49 W	1490	**MA88**

DALI versions occupies 1 address

accessories

	code
Ceiling attachment with suspension cables L=1500 Centre-to-centre distance 70 mm	**MWM8**

for single optic versions
colour 01 white

	code
Ceiling attachment with suspension cables L=1500 Centre-to-centre distance 90 mm	**MWN1**

for double optic versions
colour 01 white

	code
Power supply base with suspension cables L=1500 Centre-to-centre distance 70 mm	
for electronic versions	**MWM9**
for DALI and emergency	**MWN0**

for single optic versions
colour 01 white

	code
Power supply base with suspension cables L=1500 Centre-to-centre distance 90 mm	
for electronic versions	**MWN2**
for DALI and emergency	**MWN3**

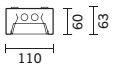
for double optic versions
colour 01 white

Colours

01
WHITE

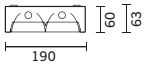
Lineup

Ceiling-mounted/pendant



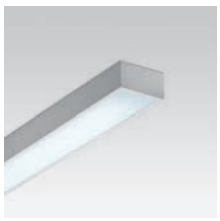
light source	W	length	code
	Darklight down light		
T 16 (G5)	Multiwatt		
	35/49/80 W	1490	**M601**
	28/54 W	1200	**M602**
	2x35/49 W	1490	**M603**
	2x28/54 W	1200	**M604**
	DALI multiwatt		
	35/49/80 W	1490	**M605**
	28/54 W	1200	**M606**
	2x35/49 W	1490	**M607**
	2x28/54 W	1200	**M608**
	Multiwatt and permanent emergency light		
	35/49/80 W	1490	**M609**
	2x35/49 W	1490	**M611**

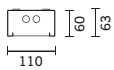
DALI versions occupies 1 address



light source	W	length	code
	Double optic,Darklight, down light		
T 16 (G5)	Multiwatt		
	2x35/49 W	1490	**M613**
	2x28/54 W	1200	**M614**
	DALI multiwatt		
	2x35/49 W	1490	**M615**
	2x28/54 W	1200	**M616**
	Multiwatt and permanent emergency light		
	2x35/49 W	1490	**M617**

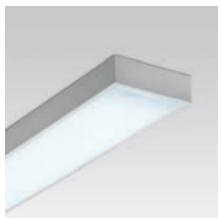
DALI versions occupies 1 address

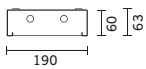




	General light down light		
T 16 (G5)	Multiwatt		
	35/49/80 W	1490	**M619**
	28/54 W	1200	**M620**
	2x35/49 W	1490	**M621**
	2x28/54 W	1200	**M622**
	DALI multiwatt		
	35/49/80 W	1490	**M623**
	28/54 W	1200	**M624**
	2x35/49 W	1490	**M625**
	2x54 W	1200	**M626**
	Multiwatt and permanent emergency light		
	35/49/80 W	1490	**M627**
	2x35 W	1490	**M629**

DALI versions occupies 1 address





	Double optic, general light, down light		
T 16 (G5)	Multiwatt		
	2x35/49 W	1490	**M631**
	2x28/54 W	1200	**M632**
	DALI multiwatt		
	2x35/49 W	1490	**M633**
	2x28/54 W	1200	**M634**
	Multiwatt and permanent emergency light		
	2x35/49 W	1490	**M635**

DALI versions occupies 1 address

accessories

Ceiling attachment with suspension cables L=1500 Centre-to-centre distance 70 mm — **MWM8**
for single optic versions
colour 01 white

Ceiling attachment with suspension cables L=1500 Centre-to-centre distance 90mm — **MWN1**
for double optic versions
colour 01 white

Power supply base with suspension cables L=1500 Centre-to-centre distance 70 mm
for electronic versions — **MWM9**
for DALI and emergency — **MWN0**
for single optic versions
colour 01 white

Power supply base with suspension cables L=1500 Centre-to-centre distance 90 mm
for electronic versions — **MWN2**
for DALI and emergency — **MWN3**
for double optic versions
colour 01 white

Brand Leadership Building - Steinhausen, Switzerland
Architectural project: Ralph Wipfli Architektur AG - Photo: Günter Laznia

Colours

01
WHITE

Pendants

Pendants

505 Gem

509 Greenwich

513 Berlino

518 Rib

523 Central 41

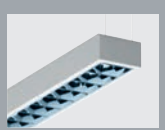
523 Central 42

527 Tray

531 iSign

534 Libra

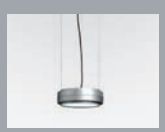
The codes, technical and lighting design features of this luminaire are presented in the relevant section


493 Lineup

281 Le Perroquet

281 Le Perroquet

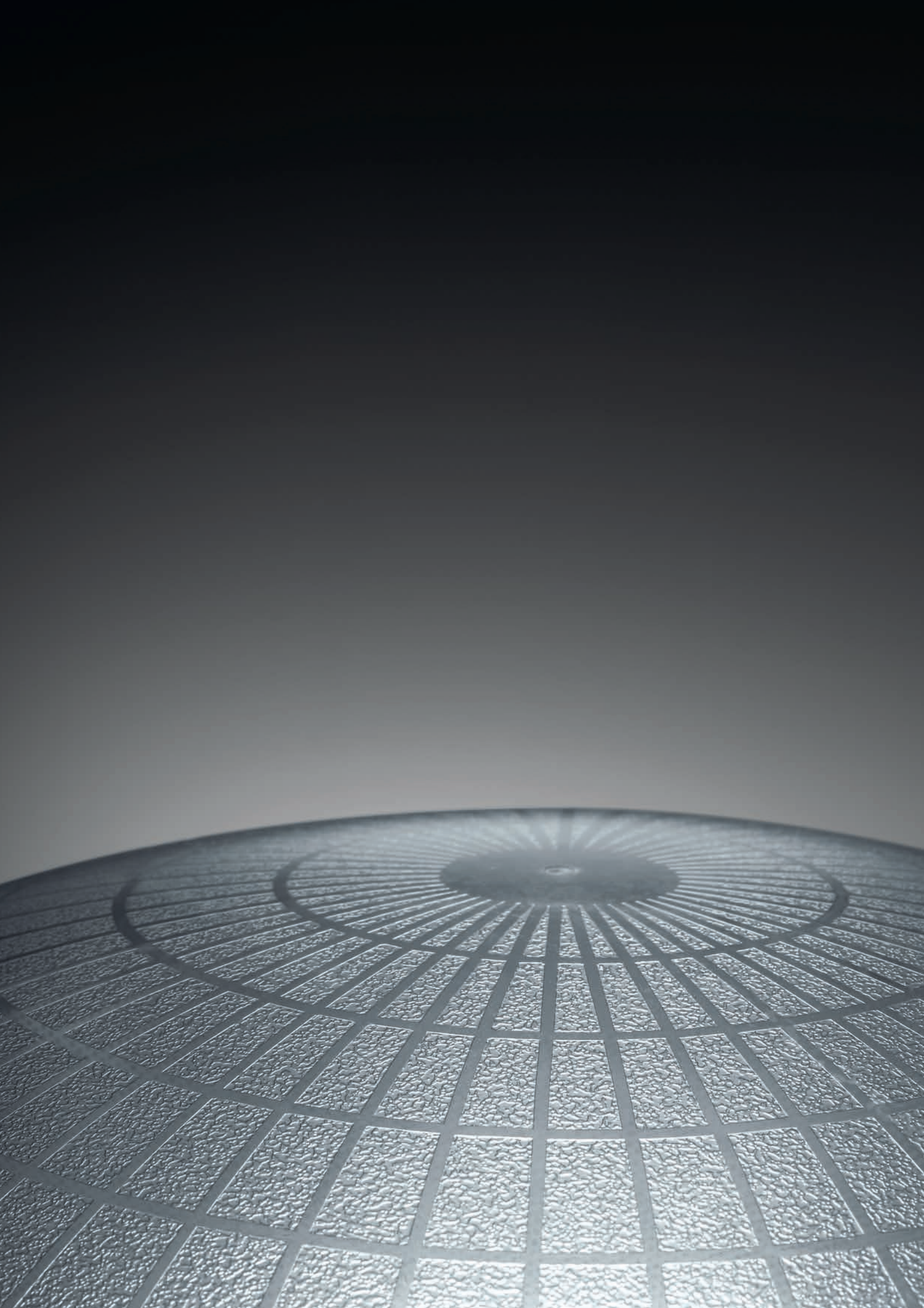
331 Cestello
LED


561 Radial

561 Radial

544 Cup

Shanghai Oriental Art Center - Shanghai, China
Architectural project: ADPI & ECADI - Lighting project: arch. Paul Andreu - Photo: Hans Schlupp



Gem

design Paul Andreu

DESIGN PLUS Light+Building

Gem

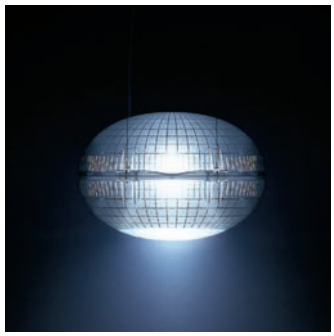
Features

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.

Light distribution

Down light
This version allows down light at 145°.



HIE 150W
E27

Up/down light
The double reflector provides up light at 145° and down light at 90°.

HIE 150W
E27

Lighting design values

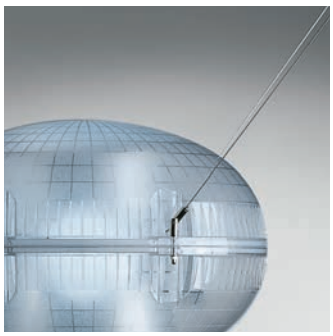
Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,333
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

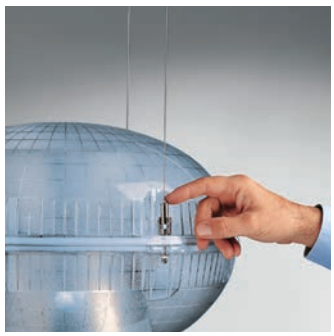
P (watt)	Down light				Up/down light			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
HIE 1x150	6	14,5	8	19,33	6	14,5	8	19,33

Gem

installation

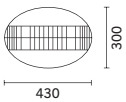
Inclination of suspension cables in relation to the vertical axis (max 45°)





Device for precise cable adjustments

accessories

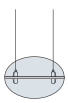


light source	W	code
	Down light	
HIE (E27)	150 W	**3010**
	Up/down light	
	150 W	**3006**

To ensure the very best photometric performance, we recommend that you utilize L173 lamp.

	code
Cable and base plate kit for suspension with power supply cable L = 2000 mm colour 15 grey	**4461**

Colours



65
NITRIC

Greenwich

design Foster & Partners

iF Design Award

pendant
with cables

pendant
with rods

Thales, multi-national company - Palaiseau, France

Architectural project: arch. Broggini - Photo: Didier Boy de la Tour

Greenwich

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.

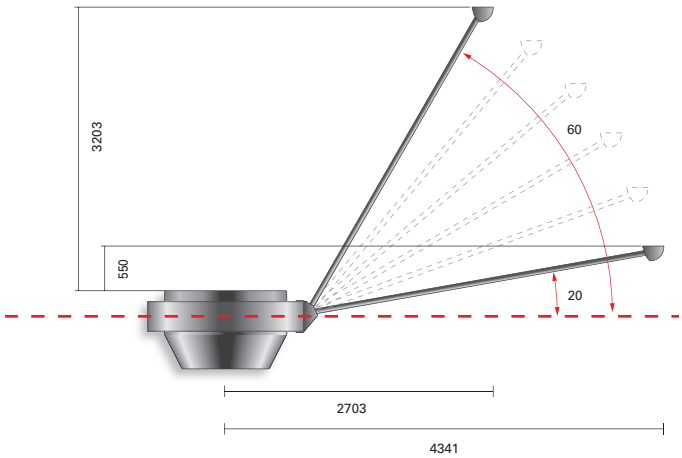
Installed using 3 or 4 rods

Installed on adjustable rods, guaranteeing maximum application flexibility to suit any architectural requirements.

Ceiling application

Wall application

The angle of the rods can be adjusted within a range of from 20° to 60° with ceiling-mounting or wall-mounting.



Installation using cables

Suspension on steel cables allows easy, efficient installation operations and the luminaire discreetly fits in to any architectural context.

Application with steel cables

Suspension cables

Base with power cord

Greenwich

Light distribution

Up/down light guarantees great visual comfort, whilst the down/light version ensures an optimum lighting level.

HIT-CE 70W | 150W

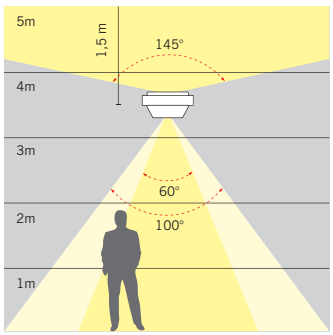
Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,333
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

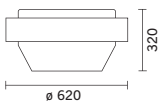
P (watt)	Down light 60°				Down light 80°				Down light 100°			
	h=3m		h=6m		h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²	N	W/m²	N	W/m²
HIT-CE 1x70	6	7,97	8	10,62	8	10,62	8	10,62	8	10,62	10	13,28
HIT-CE 1x150	3	8,16	4	10,88	3	8,16	4	10,88	4	10,88	6	16,32

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.



accessories



light source	W	code
	Up/down light	
HIT-CE (G12)	150W up +150W down	3125
	150W up +70W down	3126
	150W up +150W down	3127*
	150W up +70W down	3128*

* Designed to accept 100 W HAL B15d auxiliary halogen lamp.

Adjustable suspension rods (± 80) L=4000 — code **4457**

with power cord — code **4458**

colour 15 grey
For non-standard installation heights, the rods may be cut.

Suspension cable kit L=3000 — code **0509**

colour 00 indeterminate
Suitable for use only in internal environments

Base with power cord L=3500 — code **4459**

colour 15 grey

Colours

15
GREY

AZZURRA
TAKE AWAY
RESTAURANT

Berlino

design Piano Design Workshop

small body large body

Nordkraft Cultural Centre - Aalborg, Denmark

Architectural project: Cubo, Arkitektfirmaet Nord - Photo: Ole Ziegler

Berlino

Features

IP65

- Suspended 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.

EMERGENCY

Light distribution

Down light
Version with aluminium reflector for down light.

HALO ES E27	150W	**TC-TEL** GX24q-4	42W
HIE E40	250W | 400W	**HIT-CE** G12	70W | 150W
QT 32 E27	250W		

Up/down light
Version with reflector made of glass + aluminium for down/up light.

HALO ES E27	105W	**TC-TEL** GX24q-4	42W
HIE E40	250W | 400W	**HIT-CE** G12	70W | 150W
QT 32 E27	150W | 250W		

Diffused lighting
Version with etched glass reflector for diffused light emission.

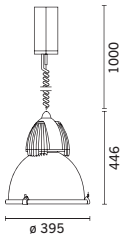
QT 32 E27	150W | 250W
TC-TEL GX24q-4	42W
HIT-CE G12	70W | 150W

Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,333
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	Down light				Up/down light				Diffuse light			
	h=3m		h=6m		h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²	N	W/m²	N	W/m²
HIE 1x250	2	8,8	2	8,8	2	8,8	2	8,8	-	-	-	-
HIE 1x400	1	7,04	2	14,08	1	7,04	1	7,04	-	-	-	-
A 65 1x150	24	57,6	28	67,2	18	43,2	24	57,6	-	-	-	-
QT 32 ES 1x205	8	26,24	10	32,8	8	26,24	10	32,8	-	-	-	-
TC-TEL 1x42	12	8,83	15	11,04	12	8,83	15	11,04	12	8,83	18	13,25
HIT-CE 1x70	8	10,62	10	13,28	8	10,62	8	10,62	8	10,62	8	10,62
HIT-CE 1x150	4	10,88	6	16,32	3	8,16	4	10,88	3	8,16	4	10,88

Berlino

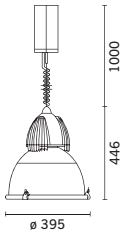


light source	W		code
	Pendant with emergency light (TC-DEL 18 W G24q-2)		
HIT-CE (G12)	70 W	1446	**4411**
	150 W	1446	**4412**

Class of Insulation I
Complete with safety glass

	code
Antiglare screen	**4450**

colour 04 black
Use of this accessory provides increased visual comfort, but reduces luminous yield.

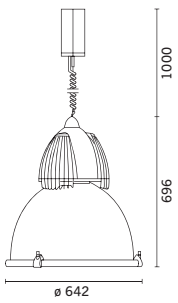


light source	W		code
	Pendant with emergency light (TC-DEL 18 W G24q-2)		
HIT-CE (G12)	70 W	1446	**4427**
	150 W	1446	**4428**

Class of Insulation I
Complete with safety glass

	code
Antiglare screen	**4450**

colour 04 black
Use of this accessory provides increased visual comfort, but reduces luminous yield.

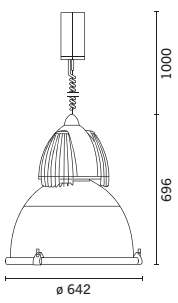


	Pendant with emergency light (TC-L 18 W 2G11)		
HIE (E40)	250 W		**4424**
	400 W		**4423**

Complete with safety glass

	code
Antiglare screen	**4456**

colour 04 black
Use of this accessory provides increased visual comfort, but reduces luminous yield.



	Pendant with emergency light (TC-L 18 W 2G11)		
HIE (E40)	250 W		**4432**
	400 W		**4431**

Complete with safety glass

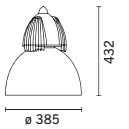
	code
Antiglare screen	**4455**

colour 04 black
Use of this accessory provides increased visual comfort, but reduces luminous yield.

Colours

78
GREY/ALLUMINIUM

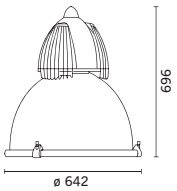
Berlino



light source	W	code
HALO ES (E27)	150 W max (HALO ES) 250 W (QT 32)	4300*
QT 32 (E27)		
TC-TEL (GX24q-4)	Electronic 42 W	4302*
HIT-CE (G12)	70 W	4305
	150 W	4306

Complete with safety glass

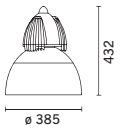
colour 78 grey/alluminium



light source	W	code
HIE (E40)	250 W	4327
	400 W	4328

Complete with safety glass

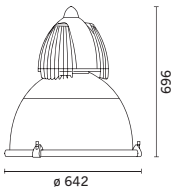
colour 78 grey/alluminium



light source	W	code
HALO ES (E27)	150 W max (HALO ES) 150/250 W (QT 32)	4332
QT 32 (E27)		
TC-TEL (GX24q-4)	Electronic 42 W	4334
HIT-CE (G12)	70 W	4337
	150 W	4338

Complete with safety glass

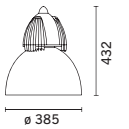
colour 78 grey/alluminium



light source	W	code
HIE (E40)	250 W	4343
	400 W	4344

Complete with safety glass

colour 78 grey/alluminium



QT 32 (E27)	150/250 W	4348
TC-TEL (GX24q-4)	Electronic 42 W	4350
HIT-CE (G12)	70 W	4353
	150 W	4354

Complete with safety glass and superpure aluminium flow director

colour A1 grey/nitric

Products without safety glass have an ingress protection rating of IP23

accessories

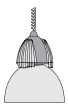
	code
Kit for ceiling installation and class II connection L=2000 colour 15 grey	4449
Kit for ceiling installation and class II connection L=2000 colour 15 grey	4447
Safety glass complete with seal colour 15 grey Use of this accessory guarantees the product IP65 protection	4442

	code
Superpure aluminium flow director for 4350 colour 12 alluminium	4462
Antiglare screen	
for 4305-4306-4337-4338	4450
for 4300-4332	4451
for 4343-4344	4455
for 4327-4328	4456
colour 04 black Use of this accessory provides increased visual comfort, but reduces luminous yield.	

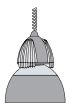
El Corte Inglés - Alicante, Spain

Architectural project: arch. Antonio Viton - Photo: Josè Hevia

Colours



78
GREY/ALLUMINIUM



A1
GREY/NITRIC

RIGERADOS
67
68
REPARADOS
34
33
ARCUTERÍA
Lay's
OFERT
OFERTA
Calcio
merci

Rib

design Paul Heritage

small body

large body

Rib

Features

IP20 (IP65 with safety glass)

- Suspended 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.

MULTI W
HIGH EFFICIENCY
mm

Reflector support

Food filter

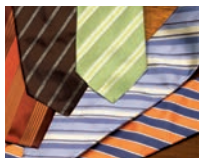
UV filter

Food filter for bakery products and cheeses

Filter for fish products

Food filter for meat

Food filter for fruit and vegetables



UV filter for textiles and fabrics

Rib

Light distribution

Small body
The use of the compact fluorescent lamp completes the functional capabilities of the product with evident energy saving.

HIT-CE G12	70W | 150W
TC-TEL GX24q-4	57W

Large body
High-powered lamps are ideal for obtaining a good level of lighting and maximum energy saving.

HIT-CE G12	250W
HIT-CE PGZ18	210W | 315W
HIE E40	250W | 400W

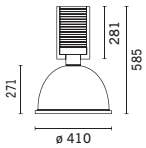
Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,333
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	Small body				Big body			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
HIT-CE 1x70	6	7,97	6	7,97	-	-	-	-
HIT-CE 1x150	3	8,16	3	8,16	-	-	-	-
HIT-CE 1x250	-	-	-	-	2	8,8	3	13,2
HIT-CE 1x210	-	-	-	-	2	7,23	2	7,23
HIT-CE 1x315	-	-	-	-	1	5,47	2	10,94
HIE 1x250	-	-	-	-	2	8,8	3	13,2
HIE 1x400	-	-	-	-	1	7,04	2	14,08
TC-TEL 1x57	8	7,94	10	9,92	-	-	-	-

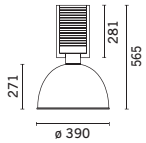
Rib

accessories



light source	W	code
	High-efficiency reflector	
HIT-CE (G12)	70 W	6757
	150 W	6758

Complete with safety glass

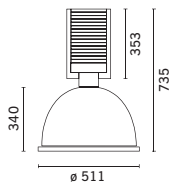


light source	W	code
TC-TEL (GX24q-5)	Electronic	
	57 W	6759

	code
Safety glass complete with seal for 6759 colour 15 grey Use of this accessory guarantees the product IP65 protection	9680
Filter support for 6757-6758 colour 12 alluminium For installation of filters	9681
UV filter for 6757-6758 colour 24 clear transparent	9685

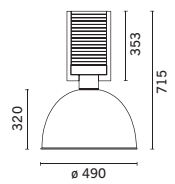
	code
Food filter products	
bakery and cheeses colour 06 yellow	9682
meat, fruit and vegetables colour 05 red	9683
fish products colour 09 sky blue for 6757-6758	9684
Kit for ceiling installation and - class I connection L=2000 colour 15 grey	6856

accessories



light source	W	code
HIT-CE (G12)	250 W	6760
HIT (PGZ18)	Electronic	
	210 W	6764
	315 W	6765

Complete with safety glass

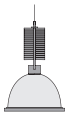


light source	W	code
	High-efficiency reflector	
HIE (E40)	250 W	6761
	400 W	6762

	code
Safety glass complete with seal for 6761-6762 colour 15 grey Use of this accessory guarantees the product IP65 protection	6836

	code
Kit for ceiling installation and - class I connection L=2000 colour 15 grey	6856

Colours



78
GREY/ALLUMINIUM

Central

design M. and L. Vignelli - D. Law

iF Design Award

Central 42

Central 41

Central

Features

IP40

- Direct lighting pendant.
- Moulded polycarbonate component-holder 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 EFFICIENCY

mm

Light distribution

Central 41
Aluminium screen
for direct lighting

QT 32 E27	150W | 250W
HIT-CE G12	70W | 150W
TC-TEL GX24q-3	32W | 57W

Central 42
Polycarbonate screen
for diffused lighting

QT 32 E27	100W | 150W
HIE E40	70W | 150W
TC-TEL GX24q-3	32W | 42W

Lighting design values

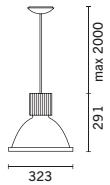
Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,333
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	Central 41 (small body)				Central 41 (big body)			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
QT 32 1x150	21	50,4	28	67,2	-	-	-	-
QT 32 1x230	-	-	-	-	10	36,8	15	55,2
HIT-CE 1x70	8	10,62	10	13,28	6	7,97	8	10,62
HIT-CE 1x150	-	-	-	-	3	8,16	4	10,88
TC-TEL 1x32	21	11,76	28	15,68	-	-	-	-
TC-TEL 1x57	-	-	-	-	10	9,92	15	14,88

P (watt)	Central 42 (small body)				Central 42 (big body)			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
QT 32 1x100	32	51,2	45	72	-	-	-	-
QT 32 1x150	-	-	-	-	18	43,2	24	57,6
HIE 1x70	10	13,28	12	15,94	8	10,62	12	15,94
HIE 1x150	-	-	-	-	6	16,32	6	16,32
TC-TEL 1x32	24	13,44	28	15,68	-	-	-	-
TC-TEL 1x42	-	-	-	-	15	11,04	21	15,46

Central

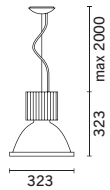
Central 41



light source	W	code
	Aluminium reflector	
QT 32 (E27)	150 W	**SM05**

Complete with suspension cables and power supply cable

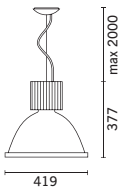
colour D6 dark grey/aluminium



	Aluminium reflector	
HIT-CE (G12)	70 W	**SM06**
TC-TEL (GX24q-3)	Electronic 32 W	**SM07**

Complete with suspension cables and power supply cable

colour D6 dark grey/aluminium

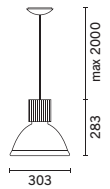


	Aluminium reflector	
QT 32 (E27)	250 W	**SM10**
HIT-CE (G12)	70 W	**SM17**
	150 W	**SM08**
TC-TEL (GX24q-5)	Electronic 57 W	**SM09**

Complete with suspension cables and power supply cable

colour D6 dark grey/aluminium

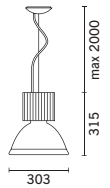
Central 42



light source	W	code
	Polycarbonate screen	
QT 32 (E27)	100 W	**SM11**

Complete with suspension cables and power supply cable

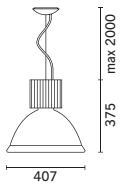
colour A1 grey/nitric



	Polycarbonate screen	
HIE (E27)	70 W	**SM12**
TC-TEL (GX24q-3)	Electronic 32 W	**SM13**

Complete with suspension cables and power supply cable

colour A1 grey/nitric



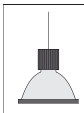
	Polycarbonate screen	
QT 32 (E27)	150 W	**SM16**
HIE (E27)	70 W	**SM18**
	150 W	**SM14**
TC-TEL (GX24q-4)	Electronic 42 W	**SM15**

Complete with suspension cables and power supply cable

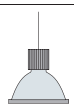
colour A1 grey/nitric

	code
Antiglare screen	
for SM16	**MW53**
for SM14-SM18	**MW54**
colour 04 black	

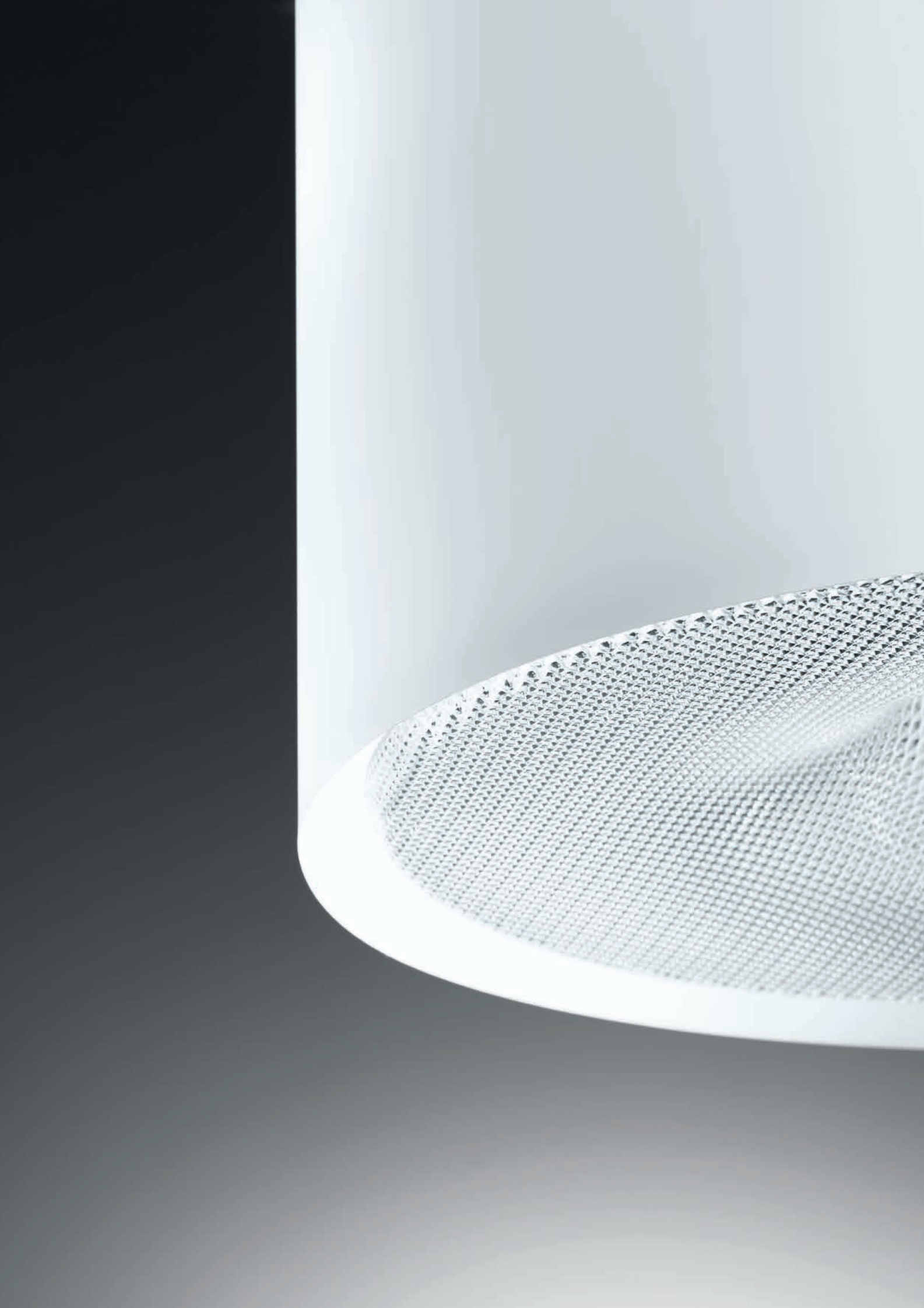
Colours



D6
DARK GREY/
ALUMINIUM



A1
GREY/NITRIC



Tray

design G. and O. Buratti

iF Design Award

750 x 330 | 560 x 420 | 380 x 800

Tray

Features

IP20

- Suspended 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.

Light distribution

The cylindrical diffuser body and the prismatic lower screen guarantee uniform lighting and excellent visual comfort.

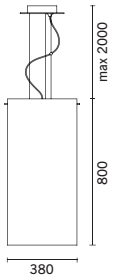
HALO ES E27	3x100W | 4x100W
TC-L 2G11	2x55W | 3x18W
QT 32 E27	3x100W | 4x100W
TC-DEL G24q-3	4x26W

Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,333
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

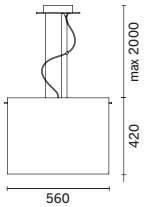
P (watt)	Diffuse light			
	h=3m		h=6m	
	N	W/m²	N	W/m²
TC-L 2x55	10	19,52	15	29,28
TC-L 3x18	35	35,28	50	50,4
QT 32 3x100	28	134,4	40	192
A 60 3x100	32	153,6	45	216
QT 32 4x100	28	179,2	40	256
A 60 4x100	32	204,8	45	288
TC-DEL 4x26	24	43,01	32	57,34

Tray



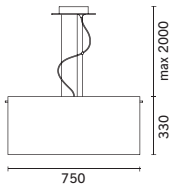
light source	W	code
TC-L (2G11)	2x55 W	**SH35**

Complete with suspension cables and power supply cable



light source	W	code
HALO ES (E27)	3x100 W max (HALO ES) 3x100 W (QT 32)	**SH36**
QT 32 (E27)		
TC-L (2G11)	3x18 W	**SH37**

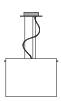
Complete with suspension cables and power supply cable



light source	W	code
HALO ES (E27)	4x100 W max (HALO ES) 4x100 W (QT 32)	**SH38**
QT 32 (E27)		
TC-DEL (G24q-3)	4x26 W	**SH39**

Complete with suspension cables and power supply cable

Colours



B5
GREY/WHITE

iSign

design J. M. Duthilleul

iF Design Award

horizontal pendant

ceiling-mounted

vertical pendant

224 boulevard St Germain - Paris, France

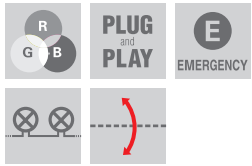
Architectural and lighting project: Eric Chazelles del Cabinet Droles de Trames - Photo: Didier Boy de la Tour

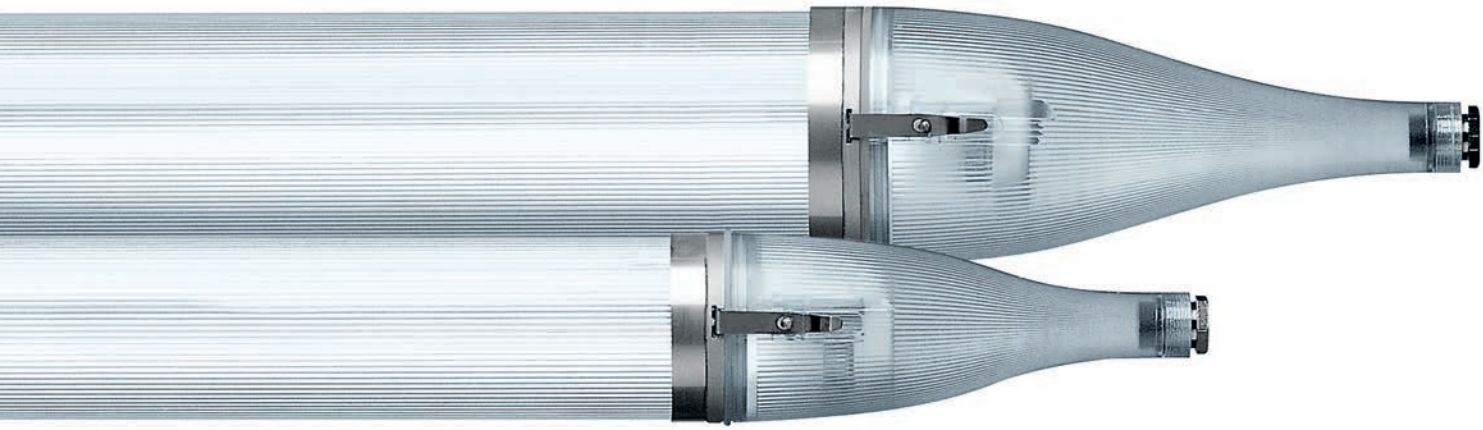
iSign

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.





Multiple application

Polycarbonate case with an original technological design for use with T16 fluorescent lamps. The high IP67 ingress protection against dust and water makes this luminaire ideal even for lighting **cross-over areas between interiors and exteriors**. The lighting is uniform and direct glare is reduced by the ribs all over the body.

Horizontal double pendant application

iSign

ø 80 mm

light source	W	length	code
T 16 (G5)	Electronic		
	28 W	1460	6743
	35 W	1760	6744
	54 W	1460	6745
	80 W	1760	6746
	Class of Insulation I		
	Electronic complete with pass-through cables		
	28 W	1460	6736
	35 W	1760	6737
	39 W	1160	6738
	54 W	1460	6739
	80 W	1760	6740
	2x28 W	1460	6741
	2x35 W	1760	6742
	DALI versions on request		
	Electronic and permanent emergency light		
	2x35 W	1760	6747

accessories

	code
Two plastic brackets for ceiling/wall installation colour 15 grey	9400
Two aluminium brackets for ceiling/ wall installation colour 15 grey	9499
5-pole power base colour 15 grey	9401
Cable for single horizontal suspension L=1500 colour 00 indeterminate	9403
5-pole power base with cables for single horizontal suspension L=1500 colour 15 grey To be ordered with code 9403	9402
Cable for double horizontal suspension L=1500 colour 00 indeterminate	9409
5-pole power base with cables for double horizontal suspension L=1500 colour 15 grey To be ordered with code 9409	9408
5-pole power base with cables for single vertical suspension L=1500 colour 15 grey	9410
5-pole power base with cables for double vertical suspension L=1500 colour 15 grey	9411

ø 110 mm

light source	W	length	code
T 16 (G5)	Electronic		
	2x28 W	1575	6751
	2x49 W	1875	6752
	2x54 W	1575	6753
	Class of Insulation I		
	Electronic complete with pass-through cables		
	2x28 W	1575	6748
	2x49 W	1875	6749
	2x54 W	1575	6750
	DALI versions on request		
	Electronic and permanent emergency light		
	2x28 W	1575	6754
	RGB complete with pass-through cables		
	3x28/54 W	1575	6755
	3x35/49 W	1875	6756

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 19.
For the system definition, refer to the instructions.

accessories

	code
Two plastic brackets for ceiling/wall installation colour 15 grey	9412
Two aluminium brackets for ceiling/ wall installation colour 15 grey	9619
5-pole power base colour 15 grey	9401
Cable for single horizontal suspension L=1500 colour 00 indeterminate	9421
5-pole power base with cables for single horizontal suspension L=1500 colour 15 grey To be ordered with code 9421	9413
Cable for double horizontal suspension L=1500 colour 00 indeterminate	9423
5-pole power base with cables for double horizontal suspension L=1500 colour 15 grey To be ordered with code 9423	9422
5-pole power base with cables for single vertical suspension L=1500 colour 15 grey	9431
5-pole power base with cables for double vertical suspension L=1500 colour 15 grey	9432

Colours

24
CLEAR
TRANSPARENT

Libra

design P. Castiglioni - L. Massoni

pendant

ceiling-mounted

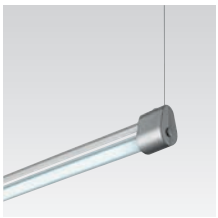
Libra

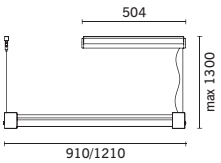
Features

IP40

- Pendant and ceiling-mounted installation.
- Lamp protected by a transparent polycarbonate extruded screen.
- Extruded aluminium control gear box.
- End caps of plastic material.

Pendant





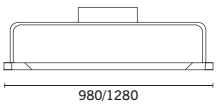
light source	W	length	code
T 16 (G5)	39 W	910	**SM01**
	54 W	1210	**SM02**

Complete with suspension cables and power supply cable

accessories

	code
Polycarbonate diffusing screen	
for SM01	**SP84**
for SM02	**SP85**
Texture imprinting: design Marco Piva	

Ceiling-mounted



light source	W	length	code
T 16 (G5)	39 W	980	**SD41**
	54 W	1280	**SD42**

IP20

accessories

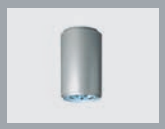
	code
Polycarbonate diffusing screen	
for SD41	**SP89**
for SD42	**SP90**

Colours

15
GREY

Wall/ceiling/floor luminaires

Ceiling-mounted luminaires


541 iRoll

544 Cup

Wall/ceiling-mounted luminaires

546 Motus

546 Motus

550 Anyway

551 45° Parallelo

552 Reglette T16 /
556 Mini Reglette T16

559 Ceiling Luminaires
LED

Wall-mounted luminaires

561 Radial

567 i24

570 iTeka

572 Firefly

573 Simpla

574 Vela Plissè

Wall/floor luminaires

577 Ledplus
LED

587 Vision
LED

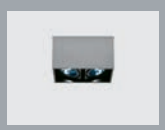
Effect lighting

589 X26
LED

592 Ledstrip
LED

599 PizzaKobra
LED

The codes, technical and lighting design features of these luminaires are shown in the relevant sections

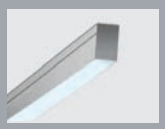

217 Deep Surface

534 Libra

403 Lens

421 Action

493 Lineup


447 iN90 - iN60 - iN30
LED

567 i24

531 iSign

281 Le Perroquet

331 Cestello
LED

441 Y Light

Capstone Theatre - Liverpool, United Kingdom
Architectural project: DV Architects - Photo: James Newton

Wall/ceiling/floor luminaires

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

The optimum design of the optic and the excellent quality materials comply with all EU regulations, guaranteeing a high level of light output and consequent energy saving.

Electronic features

DALI protocol

Digital Addressable Lighting Interface (DALI) is a digital control protocol for programming lighting for architectural spaces. The system allows a huge range of functions for controlling lighting systems.

Emergency lighting

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

iGuzzini illuminazione offices - Paris, France
Architectural project: Pierluigi Copat - Photo: Didier Boy de La Tour

iRoll

ceiling-mounted wall-mounted pendant

Palace of Exhibitions - Rome, Italy
Architectural project: arch. Firouz Galdo - Lighting project: arch. Michele De Lucchi- Photo: Gabriele Basilico

iRoll

Features

IP23

- Ceiling-mounted, wall-mounted, or installed as pendants.
- Aluminium body turned on a lathe, die-cast aluminium ceiling plate, lower frame: ø 240 model made of highly heat-resistant polycarbonate, ø 140 model made of die-cast aluminium.
- Superpure aluminium reflector.

Photometric values for version ø 140

S - Spot

M - Medium

F - Flood

		h	d1	d2	Em	h	d1	d2	Em	h	d1	d2	Em
QR 111* G53	50W	2	0,1	-	8082	2	0,2	-	3775	2	0,6	-	806
		4	0,3	-	2020	4	0,4	-	944	4	1,3	-	202
		6	0,4	-	898	6	0,6	-	419	6	1,9	-	90
		8	0,6	-	505	8	0,8	-	236	8	2,5	-	50
PAR 30S* E27	75W	2	0,3	-	1232	2	0,9	-	394				
		4	0,6	-	308	4	1,8	-	99				
		6	0,8	-	137	6	2,8	-	44				
		8	1,1	-	77	8	3,7	-	25				
HIR-111-CE* GX8,5	35W	2	0,3	-	7232	2	0,8	-	1604	2	1,3	-	975
		4	0,6	-	1808	4	1,6	-	401	4	2,6	-	244
		6	0,8	-	804	6	2,3	-	178	6	3,9	-	108
		8	1,1	-	452	8	3,1	-	100	8	5,2	-	61

* The values shown refer to actual Lux

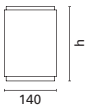
Lighting design values for version ø 240

Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,0
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	General light				Darklight			
	h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²
TC-TEL 1x26	24	10,75	35	15,68	-	-	-	-
TC-TEL 2x26	32	28,67	45	40,32	28	25,09	35	31,36
TC-TEL 2x32	-	-	-	-	28	31,36	32	35,84
TC-DEL 2x18	50	32	66	42,24	-	-	-	-
HIT-DE-CE 1x70	8	10,5	8	10,5	-	-	-	-
HIT 1x70	6	7,87	8	10,5	-	-	-	-
HIT 1x150	3	8,16	4	10,88	-	-	-	-
QT32 1x205	10	32,8	12	39,36	-	-	-	-

iRoll

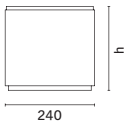


accessories

light source	W	height	code
	General lighting		
QR 111 (G53)	Electronic		
	50 W 12 V	200	**5474**
PAR 30S (E27)	75 W	200	**5476**
HIR-111-CE (GX8,5)	Electronic		
	35 W	230	**5475**

	code
Kit for wall installation colour 01 white - 15 grey	**9439**

	code
Power supply base with suspension cables L=1500 colour 01 white - 15 grey	**9438**

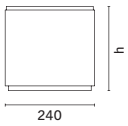


accessories

light source	W	height	code
	General lighting		
TC-TEL (GX24q-3)	Electronic		
	26 W	200	**5479**
	2x26 W	200	**5481**
	DALI		
	26 W	200	**5482**
	2x26 W	200	**5484**
	Emergency light with inverter		
	2x26 W	200	**5496**
TC-DEL (G24q-2)	Electronic		
	2x18 W	200	**5480**
	DALI		
	2x18 W	200	**5483**
	Emergency light with inverter		
	2x18 W	200	**5485**
HIT-DE-CE (Rx7s)	70 W	228	**5492**
	Complete with safety glass IP43		
HIT-CE (G12)	70 W	273	**5493**
	150 W	273	**5494**
	Electronic		
	70 W	273	**5495**
	Complete with safety glass IP43		

	code
Safety glass colour 24 clear transparent	**9445**
Diffusing glass for 5479-5480-5481-5482 5483-5484-5485-5496 colour 65 nitric	**9445**
Kit for wall installation colour 01 white - 15 grey	**9443**

	code
Power supply base with suspension cables L=1500	
	9440
for DALI versions	**9441**
for versions with inverter	**9442**
colour 01 white - 15 grey	



light source	W	height	code
	Darklight		
TC-TEL (GX24q-3)	Electronic		
	2x26 W	228	**5487**
	2x32 W	228	**5488**
	DALI		
	2x26 W	228	**5489**
	2x32 W	228	**5490**
	Emergency light with inverter		
	2x26 W	228	**5497**
QT 32 (E27)	250 W	273	**5491**
	DALI versions occupies 1 address		

Colours

Cup

design Roberto Pamio

iF Design Award

ceiling-mounted semi-recessed pendant

Cup

Features

IP20

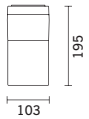
- Ceiling-mounted, pendant and recessed installation.
- Die-cast aluminium body; thick, transparent pressed glass with an internal satin finish.
- Polished aluminium reflector.

HIGH EFFICIENCY

light source	W	code
	Ceiling-mounted	
QT 14 ES (G9)	75 W max	**SP68**

Complete with lamp

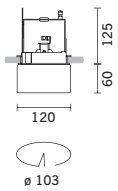
colour 01 white - 15 grey



light source	W	code
	Ceiling-mounted	
QT 14 ES (G9)	60 W max	**SP69**
TC-TEL (GX24q-2)	18 W	**SP70**

Complete with lamp

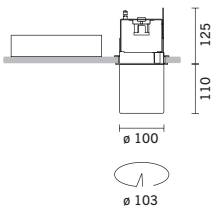
colour 01 white - 15 grey



	Recessed	
QT 14 ES (G9)	75 W max	**SP31**

Class of Insulation II
Complete with lamp

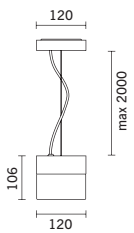
colour 65 nitric



	Recessed	
TC-D (G24d-3)	Inductive control gear 26 W	**SP32**
TC-DEL (G24q-3) TC-TEL (GX24q-3)	Electronic 26 W (TC-DEL) 32 W (TC-TEL)	**SP33**

Class of Insulation II

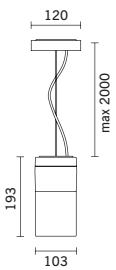
colour 65 nitric



	Pendant	
QT 14 ES (G9)	75 W max	**SM19**

Complete with lamp, suspension cables and power cable

colour 01 white - 15 grey



	Pendant	
PAR 16 (GU10)	50 W	**SM20**
TC-TEL (GX24q-2)	18 W	**SM21**

Complete with lamp, suspension cables and power cable

colour 01 white - 15 grey

Colours

01	15	65
WHITE	GREY	NITRIC

Motus

design Atelier Bellini

iF Design Award

Motus

Features

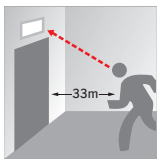
IP66

- Wall- or ceiling-mounted installation.
- Self-extinguishing shatterproof polycarbonate.
- General or emergency light.

EMERGENCY

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.

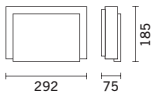
Installation

Easy installation

Installed over mounting and connection boxes

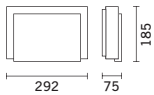
Wall mounting with external cable conduit

Motus



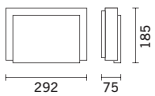
light source	W	autonomy	recharge	code
TC-SEL (2G7)	General light			
	11 W			**5424**
	Emergency light			
	11 W	1h	12h	**5423**
	11 W	1,5h	12h	**5498**

Complete with lamp except General light version.



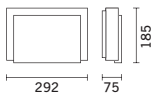
light source	W	autonomy	recharge	code
TC-SEL (2G7)	Emergency light			
	11 W	1h	12h	**5428**
	11 W	1,5h	12h	**5500**

Complete with lamp



light source	W	autonomy	recharge	code
TC-SEL (2G7)	Emergency light			
	11 W	1h	12h	**5426**
	11 W	1,5h	12h	**5499**

Complete with lamp



light source	W	autonomy	recharge	code
TC-SEL (2G7)	Emergency light			
	11 W	1h	12h	**5430**
	11 W	1,5h	12h	**5568**

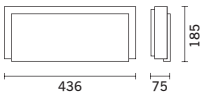
Complete with lamp

components

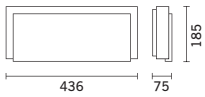
	code
Coupling for external cable trays ø 16 o 20 mm colour 15 grey	**1199**

	code
Replacement batteries for 5423-5426 5428-5430	**1229**
for 5498-5499 5500-5568 colour 00 indeterminate	**1240**

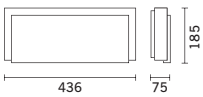
Motus



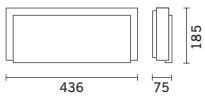
light source	W	autonomy	recharge	code
T 16 (G5)	General light			
	24 W			**5439**
	Emergency light			
	8 W	1h	12h	**5431**
	8 W	3h	16h	**5433**
	Always-on for emergency light			
	8 W	1h	12h	**5432**
	8 W	3h	16h	**5434**
TC-L (2G11)	Emergency light			
	24 W	1h	12h	**5435**
	24 W	3h	16h	**5437**
	Always-on for emergency light			
	24 W	1h	12h	**5436**
	24 W	3h	16h	**5438**



light source	W	autonomy	recharge	code
T 16 (G5)	Emergency light			
	8 W	1h	12h	**5448**
	8 W	3h	16h	**5450**
	Always-on for emergency light			
	8 W	1h	12h	**5449**
	8 W	3h	16h	**5451**
TC-L (2G11)	Emergency light			
	24 W	1h	12h	**5452**
	24 W	3h	16h	**5454**
	Always-on for emergency light			
	24 W	1h	12h	**5453**
	24 W	3h	16h	**5455**



light source	W	autonomy	recharge	code
T 16 (G5)	Emergency light			
	8 W	1h	12h	**5440**
	8 W	3h	16h	**5442**
	Always-on for emergency light			
	8 W	1h	12h	**5441**
	8 W	3h	16h	**5443**
TC-L (2G11)	Emergency light			
	24 W	1h	12h	**5444**
	24 W	3h	16h	**5446**
	Always-on for emergency light			
	24 W	1h	12h	**5445**
	24 W	3h	16h	**5447**



light source	W	autonomy	recharge	code
T 16 (G5)	Emergency light			
	8 W	1h	12h	**5456**
	8 W	3h	16h	**5458**
	Always-on for emergency light			
	8 W	1h	12h	**5457**
	8 W	3h	16h	**5459**
TC-L (2G11)	Emergency light			
	24 W	1h	12h	**5460**
	24 W	3h	16h	**5462**
	Always-on for emergency light			
	24 W	1h	12h	**5461**
	24 W	3h	16h	**5463**

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

components

	code
Coupling for external cable trays ø 16 o 20 mm colour 15 grey	**1199**

	code
Replacement batteries	
for 5431-5432-5440 5441-5448-5449 5456-5457	**1228**
for 5433-5434-5442 5443-5450-5451 5458-5459	**1230**
for 5435-5436-5444 5445-5452-5453 5460-5461	**1234**
for 5437-5438-5446 5447-5454-5455 5462-5463	**1236**
colour 00 indeterminate	

Colours

01
WHITE

15
GREY

Anyway

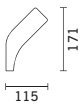
design G. and O. Buratti

Features

IP40

- Wall- or ceiling-mounted installation.
- Extruded aluminium and polycarbonate.
- Extruded polycarbonate screen, with internal embossed design and satin finish.

EMERGENCY



light source	W	length	code
TC-L (2G11)	Electronic		
	18 W	275	**SD75**
T 16 (G5)	Electronic		
	24 W	615	**SD76**
	39 W	915	**SD77**
	54 W	1215	**SD78**
	IP54 (ceiling application) IP55 (wall application) Class of Insulation II		
	Emergency light		
	24 W	615	**SD82**
	39 W	915	**SD83**
	54 W	1215	**SD84**

Colours

01
WHITE

15
GREY

45° Parallelo

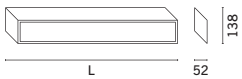
design Studio & Partners

Features

IP40

- Wall- or ceiling-mounted installation.
- Extruded aluminium and polycarbonate.
- Opal polycarbonate diffuser screen.
- White aluminium reflector.

light source	W	length	code
T 16 (G5)	Electronic		
	24 W	660	**SD71**
	39 W	960	**SD72**
	54 W	1260	**SD73**



Colours

15
GREY

Reglette T16

Features

IP20

- Wall- or ceiling-mounted installation.
- White-painted sheet steel body and cover.
- End caps ready for pass-through electric cable, made in self-extinguishing polycarbonate
- Safety cable.

DALI PROTOCOL

HIGH EFFICIENCY

Reglette T16

Light distribution

Flood reflector
Its high output makes this reflector ideal for lighting supermarkets and sales areas.

Darklight
The louvre, which is installed onto he flood reflector, acts as a screen for the lamps and gives off a good level of visual comfort.

Lighting design values

Example:
- Environment dimensions = 10 m x 6,25 m
- Suspension factor J = 0,0
- Work table height = 0,75 m
- Maintenance factor MF = 0,8
- Average lighting Emed = 300 lux
- Reflectance factors CIE = (7,5,1)
- P = nominal power
- N = number of fittings
- h = height of space

P (watt)	General light				Flood light (*)				Darklight (*)			
	h=3m		h=6m		h=3m		h=6m		h=3m		h=6m	
	N	W/m²	N	W/m²	N	W/m²	N	W/m²	N	W/m²	N	W/m²
T16 1x14	45	11,52	77	19,71	-	-	-	-	-	-	-	-
T16 1x21	32	12,29	45	17,28	21	8,06	28	10,75	-	-	-	-
T16 1x28	24	12,29	36	18,43	15	7,68	24	12,29	-	-	-	-
T16 1x35	18	11,23	28	17,47	12	7,49	18	11,23	15	9,36	24	14,88
T16 1x54	15	14,88	21	20,83	8	7,94	12	11,9	12	11,9	15	14,88
T16 1x80	10	14,56	15	21,84	6	8,74	10	14,56	-	-	-	-
T16 2x28	18	18,43	28	28,67	15	15,36	24	24,58	-	-	-	-
T16 2x35	15	18,72	24	29,95	12	14,98	18	22,46	-	-	-	-
T16 2x54	12	23,81	18	35,71	10	19,84	15	29,76	-	-	-	-

* Light emission which can be obtained using the cover accessory

Reglette T16

light source	W	length	code
T16 (G5)	Electronic		
	14W	575	**3700**
	21W	875	**3701**
	28W	1175	**3702**
	35W	1475	**3703**
	54W	1175	**3704**
	80W	1475	**3705**
	DALI		
	28W	1175	**3706**
	35W	1475	**3707**
	54W	1175	**3708**
	80W	1475	**3709**

DALI versions occupies 1 address

light source	W	length	code
T16 (G5)	Electronic		
	2x28W	1175	**3722**
	2x35W	1475	**3723**
	2x54W	1175	**3724**

accessories

	code
Metal reflector	
for L=575	**6931**
for L=875	**6932**
for L=1175	**6933**
for L=1475	**6934**
colour 01 white	
Metal light dispersing grille	
for L=575	**6968**
for L=875	**6969**
for L=1175	**6970**
for L=1475	**6971**
colour 01 white The light dispersing grille should be used along with the metal reflector	

	code
Suspension cable and precision adjustment system L=3000 mm colour 00 indeterminate	**6991**

New showroom for Schneider Electric - Rueil Malmaison, France
Architectural project: Philippe Proisy - Photo: Rueil Malmaison

Colours

01
WHITE

3

Mini Reglette T16

Features

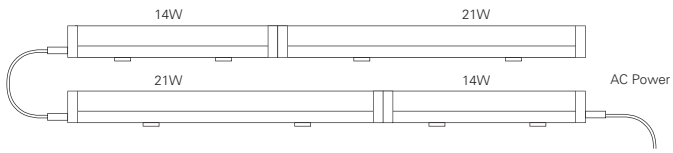
IP20

- Wall- or ceiling-mounted installation.
- Aluminium body, polycarbonate screen.
- Fast-coupling direct joints.

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

Mini Reglette T16

light source	W	length	code
T16 (G5)	Electronic 3000K		
	14 W	578	**5203**
	21 W	878	**5204**
	28 W	1178	**5205**
	35 W	1478	**5206**
	Electronic 4000K		
	14 W	578	**5207**
	21 W	878	**5208**
	28 W	1178	**5225**
	35 W	1478	**5226**

Complete with lamp and protection screen

light source	W	length	code
T16 (G5)	DALI 3000K		
	14 W	595	**5278**
	21 W	895	**5279**
	28 W	1195	**5280**
	35 W	1495	**5281**
	DALI 4000K		
	14 W	595	**5282**
	21 W	895	**5283**
	28 W	1195	**5284**
	35 W	1495	**5285**

Complete with lamp and protection screen
Class of Insulation I

accessories

	code
Power supply cable complete with plug L=1800 for electronic versions colour 01 white	**9693**
Power supply cable with 90° base complete with plug L=1800 for electronic versions colour 01 white	**9692**
Flexible connection cable	
L=150	**9690**
L=300	**9694**
L=1800	**9691**
for electronic versions colour 01 white	

	code
Power supply cable without plug L=1500 for DALI versions colour 01 white	**9724**
Flexible connection cable	
L=300	**9725**
L=600	**9741**
L=800	**9742**
L=1000	**9743**
for DALI versions colour 01 white	

Colours

01
WHITE

Ceiling Luminaires

design Luigi Massoni (Muna - Yin)

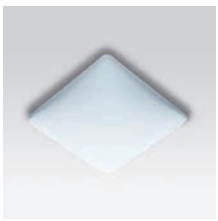
Features

IP40

- Wall- or ceiling-mounted installation.
- Sheet steel body, with thermoplastic material screen.

EMERGENCY

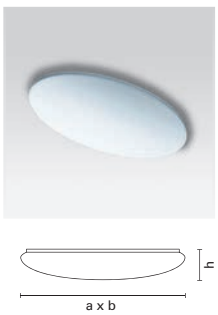
Muna



light source	W	dimensions	height	code
TC-S (G23)	Inductive			
	2x9 W	⌀ 260	85	**5235**
TC-L (2G11)	Inductive			
	2x18 W	⌀ 394	117	**5236**
	2x36 W	⌀ 530	143	**5240**
	Electronic			
	2x18 W	⌀ 394	117	**5238**
	2x36 W	⌀ 530	143	**5242**
	Inductive emergency light			
	2x36 W	⌀ 530	143	**5243**
TC-DEL (G24q-2)	Inductive emergency light			
	2x18 W	⌀ 394	117	**5239**

Electronic FL versions
in Class of Insulation II

Yin



light source	W	dimensions	height	height
TC-S (G23)	Inductive			
	2x9 W	438x245	97	**5251**
TC-L (2G11)	Inductive			
	24 W	550x304	114	**5252**
	Electronic			
	24 W	550x304	114	**5253**
	36 W	622x322	115	**5256**
	Inductive emergency light			
	24 W	622x322	115	**5257**
TC-DEL (G24q-2)	Inductive emergency light			
	18 W	550x304	114	**5254**

Electronic FL versions
in Class of Insulation II

Bos

light source	W	Lm	dimensions	height	code
LED	Neutral white				
	10 W	920	ø 264	80	**5014**
	21 W	2000	ø 426	125	**5030**
	Warm white				
	10 W	920	ø 264	80	**5015**
	21 W	2000	ø 426	125	**5031**
TC-S (G23)	Inductive				
	2x9 W		ø 264	80	**5344**
HALOES (E27)	Inductive				
	60 W max		ø 426	125	**5099**
	100 W max		ø 530	150	**5096**
TC-L (2G11)	Inductive				
	2x18 W		ø 426	125	**5342**
	2x36 W		ø 530	150	**5343**
	Electronic				
	2x18 W		ø 426	125	**5353**
	2x36 W		ø 530	150	**5354**
	Inductive emergency light				
	2x36 W		ø 530	150	**5401**
TC-DEL (G24q-2)	Inductive emergency light				
	2x18 W		ø 426	125	**5400**

Electronic FL versions
in Class of Insulation II

Colours

01
WHITE

Radial

design Foster & Partners

iF Design Award

ceiling-mounted

pendant
indirect light

pendant

Radial

Features

IP40

- Wall-mounted, or installed as pendants.
- Die-cast aluminium.
- Superpure aluminium reflector, sodium - calcium safety glass.

HIGH EFFICIENCY

Light distribution

Down light
Down light is available in the pendant version.

HIT-DE-CE 150W
Rx7s

Up/down light
Up/down light is available in the wall-mounted version and the pendant version with screen.

QT-DE 12 ES 300W
R7s

HIT-DE-CE 150W
Rx7s

HIT-CE 250W
G12

TC-TEL 57W
GX24q-5

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

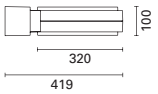
Radial

Versions

The pendant versions come complete with suspension cables, ceiling base and power cable.

Radial

Wall-mounted



light source	W	code
	Up/down light	
QT-DE 12 ES (R7s)	300 W max	**5046**
HIT-DE-CE (Rx7s)	150 W	**5047**
	150 W	***5048**
	Electronic	
	150 W	**5070**
HIT-CE (G12)	250 W	**5049**
	250 W	***5068**
TC-TEL (GX24q-5)	Electronic	
	57 W	**5069**

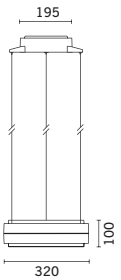
* Designed to accept 100W HAL B15d auxiliary halogen lamp.

accessories

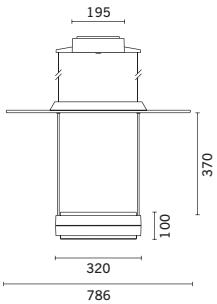
	code
Wall-mounting attachment for upside down installation colour 15 grey for 5046-5047-5048 5069-5970	**MWQ4**

	code
Antiglare screen colour 04 black for 5046-5047-5048-5970 To be used when installing the product upside down	**MWQ5**

Pendant



light source	W	code
	Down light	
HIT-DE-CE (Rx7s)	Electronic	
	150 W	**3028**
	IP20	
	Complete with suspension cables L=4200 mm, base and power supply cable.	



light source	W	code
	Indirect/direct light with reflecting screen	
HIT-DE-CE (Rx7s)	Electronic	
	150 W	**3065**
	IP20	
	Complete with suspension cables L=1800 mm, base and power supply cable.	

Palace of Exhibitions - Rome, Italy

Architectural project: arch. Firouz Galdo - Lighting project: arch. Michele De Lucchi
Photo: Giuseppe Saluzzi

Colours

15
GREY

i24

design Renzo Piano Building Workshop

iF Design Award

spot wall/ceiling-mounted wall-mounted

Dublin T2 - Dublin, Ireland

Architectural project: arch. Pascal and Watson, M&E Consultant - Lighting project: Arup& Partners
Photo: Photographisches LichT

i24

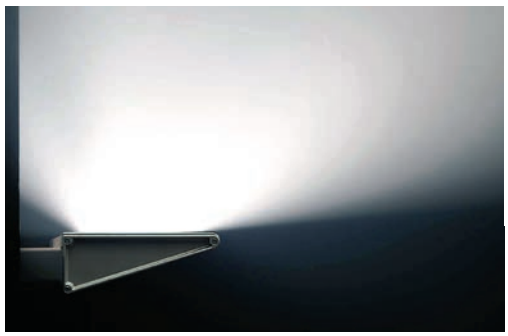
Features

IP20 (IP40 with protection screen)

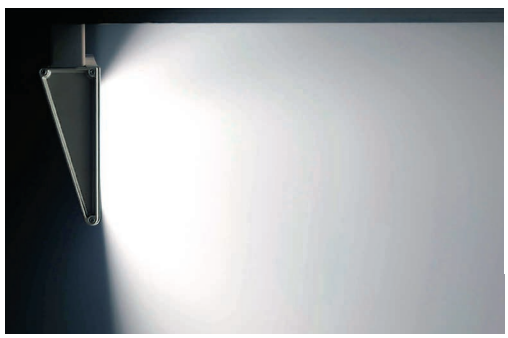
- Wall-/ceiling-mounted and track-mounted using a Standard iGuzzini track, for spot and surface-mounted versions.
- Aluminium body and painted extruded aluminium screen supporting profiles.
- Injection-moulded polycarbonate end caps.
- Adjustable arms (-10° +90°) with mechanical aiming lock, for spot and wall-/ceiling-mounted versions.
- Superpure aluminium reflector.
- Transparent polycarbonate protection.
- Electronic control gear inside the luminaire.
- Aluminium supports, with mechanical fixing system, for version mounted on Standard track.

Light distribution

Wall-mounted
Asymmetrical up light for version wall-mounted using base.

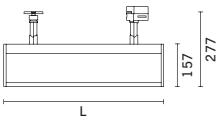


Ceiling-mounted
Wall washer effect for version with base for ceiling-mounting.



i24

Spot



light source	W	length	code
T 16 (G5)	Electronic		
	24 W	600	**4835**
	39 W	900	**4836**
	54 W	1200	**4837**

colour 74 grey/black

accessories

	code
Protection screen	
for versions L=600	**2928**
for versions L=900	**2929**
for versions L=1200	**2930**

colour 24 clear transparent

	code
Protection screen for louvre	
for versions L=600	**2936**
for versions L=900	**2937**
for versions L=1200	**2938**

colour 24 clear transparent
Using this accessory guarantees protection degree IP40

	code
Louvre	
for versions L=600	**2939**
for versions L=900	**2940**
for versions L=1200	**2941**

colour 04 black
The louver screen can be fitted together with the safety screen

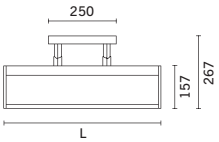
	code
Ceiling attachment for 3-phase track L=2000	**2942**

colour 01 white
04 black - 15 grey

	code
Cover for adapter IP40	**6854**

colour 01 white - 04 black

Wall/ceiling-mounted



light source	W	length	code
T 16 (G5)	Electronic		
	24 W	600	**5173**
	39 W	900	**5174**
	54 W	1200	**5175**
	DALI multiwatt		
	14/24 W	600	**5176**
	21/39 W	900	**5177**
	28/54 W	1200	**5178**

DALI versions occupies 1 address

colour 15 grey

accessories

	code
Protection screen	
for versions L=600	**2928**
for versions L=900	**2929**
for versions L=1200	**2930**

colour 24 clear transparent

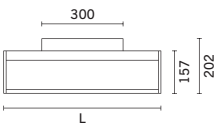
	code
Protection screen for louvre	
for versions L=600	**2936**
for versions L=900	**2937**
for versions L=1200	**2938**

colour 24 clear transparent
Using this accessory guarantees protection degree IP40

	code
Louvre	
for versions L=600	**2939**
for versions L=900	**2940**
for versions L=1200	**2941**

colour 04 black
The louver screen can be fitted together with the safety screen

Wall-mounted



light source	W	length	code
T 16 (G5)	Electronic		
	24 W	600	**5170**
	39 W	900	**5171**
	54 W	1200	**5172**

Complete with protection screen

colour 15 grey

Colours

15
GREY

74
GREY/BLACK

iTeka

design Mario Cucinella

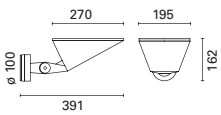
wall-mounted using a base | ceiling-mounted | wall-mounted down light | wall-mounted up light

iTeka

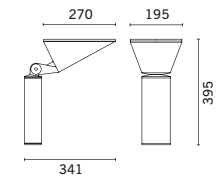
Features

IP40

- Wall- or surface-mounted.
- Die-cast aluminium body, extruded aluminium components case.
- Superpure aluminium reflector, sodium - calcium safety glass.



light source	W	optic	code
QT-DE 12 ES (R7s)	150 W max	A	**B787**
	IP66 - Class of Insulation II		



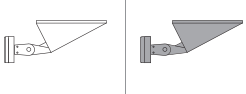
light source		W	optic	code
HIT-CE (G12)	Electronic	70 W	A	**5006**
		150 W	A	**5007**

accessories

	code
Diffusing glass to be fitted with accessory-holder frame colour 65 nitric	**B997**
Coloured filters to be fitted with accessory-holder frame for B787-5006 colour 05 red - 06 yellow 09 sky blue	**B997**

	code
Transverse baffle colour 04 black Can also be fitted with accessory-holder frame	**B995**
Accessory-frame colour 15 grey	**B996**

Colours



01 WHITE

15 GREY

Firefly

design Luigi Massoni

Features

IP20

- Reflective lighting wall-mounted up/down and adjustable luminaire. Ideal when installed on top of a mirror.
- Extruded aluminium support body.
- Closing heads and spherical anchoring pins moulded in high performance plastic.
- Oscillating front shade made of extruded aluminium.
- Also available: versions with different fluorescent inductive or electronic lamps; the electrical control gear housed inside the body are not accessible while changing the lamp and during maintenance operations.

light source	W	length	code
	Up/down light		
TC-L (2G11)	36 W	476	**SD36**
T 16 (G5)	Electronic		
	39 W	920	**SD39**
	54 W	1220	**SD40**

Colours

15
GREY

Simpla

design Luigi Massoni

Features

IP44

- Wall-/ceiling-mounted; particularly recommended for fitting on mirrors.
- Made of polycarbonate or extruded aluminium.
- Transparent polycarbonate screen with internal embossed design and satin finish.
- The product complies with the standards for application of lighting fixtures in humid areas of bathrooms.

light source	W	length	code
TC-L (2G11)	Electronic 36 W	500	**SD33**

Colours

01	10
WHITE	CHROME

Vela plissé

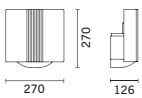
design Ambrogio Pozzi

Features

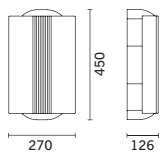
IP20

- Wall-mounted luminaire.
- Painted die-cast zamak alloy cover, aluminium and thermoplastic material flux enhancers, wall-mounting attachment made of high performance thermoplastic material.
- Pressed glass screen with acid finish.

light source	W	code
HALOES (E27)	100 W max 100 W (QT 32)	**SD13**
QT 32 (E27)		
TC-D (G24d-3)	Inductive 26 W	**SD14**



light source	W	code
TC-DEL (G24q-3)	Electronic 2x26 W	**SD18**



Porta del Parco Auditorium - Naples, Italy

Lighting project: arch. Silvio d'Ascia and Servizi Integrati
Photo: Barbara Iodice

Colours

A1
GREY/NITRIC

Ledplus

ø 60

⧈ 60

ø 28

ø 130

⧈ 130

ø 68

Ledplus “all glass”

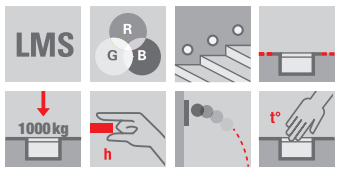
Ledplus “stainless steel frame”

Hotel Marceau Bastille - Paris, France
Photo: Didier Boy de La Tour

Ledplus "all glass"

Features

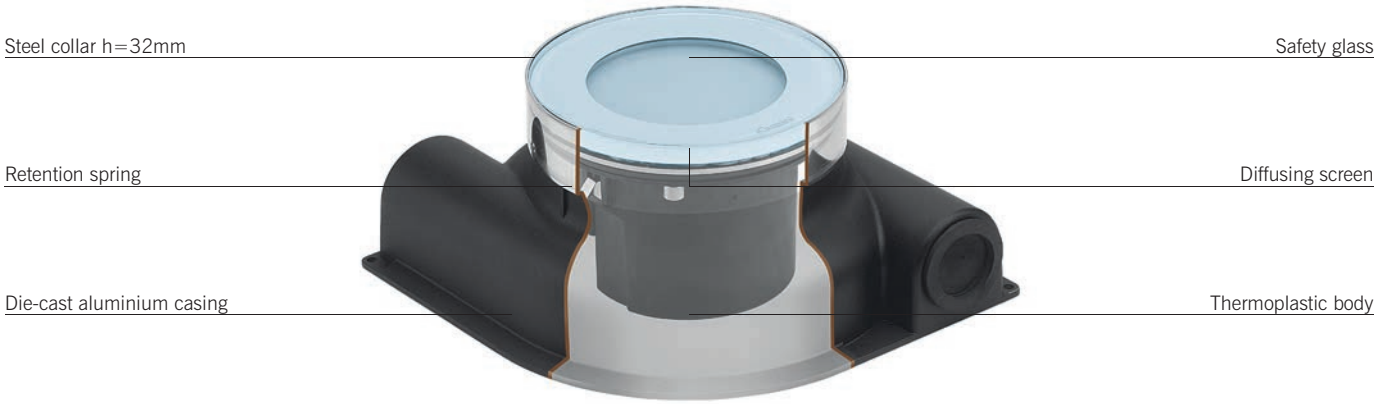
IP68 IK08



- Wall-/floor-recessed luminaire designed to use LED lamps for accent lighting/signs.
- 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.



Floor installation

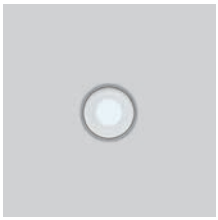
Wall-mounted installation

Static load resistance
500 Kg with plastic casing,
1000 Kg with aluminium casing

Fitted flush with the floor

Temperature < 40°C

Ledplus "all glass"



light source	W	Lm	code
LED	Cool white		
	0,7 W 24Vdc	15	**2606**

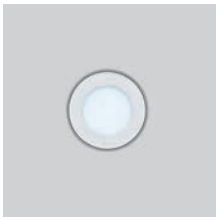
On request available with LED blue, red, green and amber.

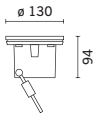
accessories

	code
Coloured filters colour 02 red - 06 yellow 26 magenta - D7 cyan	**9568**
Plastic casing for wall and floor installation + top end cap IP68 colour 04 black	**6943**
Aluminium casing for wall installation + top end cap colour 04 black	**6941**
Aluminium casing for floor installation + top end cap colour 04 black	**6942**

	code
Adapter for outer casing for 6943 colour 00 indeterminate ø 260 - h 105	**9579**
Adapter for outer casing for 6941-6942 colour 00 indeterminate ø 357 - h 105	**9580**
Suction cup colour 00 indeterminate	**9583**

Measurements of the outer casings are shown in the table on page 584





light source	W	Lm	code
LED	Cool white		
	1,5 W 24Vdc	35	**2628**

On request available with LED blue, red, green and amber.

	RGB		
	5,2 W 24Vdc	45	**2633**

Compatible with light management systems of the iGuzzini range illustrated on page 19. For the system definition, refer to the instructions.

accessories

	code
Coloured filters for 2638 colour 02 red - 06 yellow 26 magenta - D7 cyan	**9570**
Bar pictogram colour 00 indeterminate	**9584**
Restaurant pictogram colour 00 indeterminate	**9585**
Information pictogram colour 00 indeterminate	**9586**
Arrow/Direction pictogram colour 00 indeterminate	**9587**
Toilet pictogram colour 00 indeterminate	**9588**

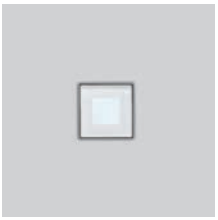
	code
Plastic casing for wall and floor installation + top end cap IP68 colour 04 black	**6949**
Aluminium casing for wall installation + top end cap colour 04 black	**6947**
Aluminium casing for floor installation + top end cap colour 04 black	**6948**
Adapter for outer casing for 6949 colour 00 indeterminate ø 260 - h 105	**9579**
Adapter for outer casing for 6947-6948 colour 00 indeterminate ø 357 - h 105	**9580**
Suction cup colour 00 indeterminate	**9583**

Measurements of the outer casings are shown in the table on page 584

Colours

00
INDETERMINATE

Ledplus "all glass"



light source	W	Lm	code
LED	Cool white		
	0,7 W 24Vdc	15	**2620**

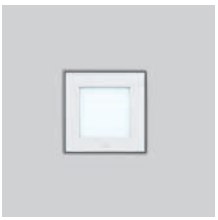
On request available with LED blue, red, green and amber.

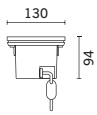
accessories

	code
Coloured filters colour 02 red - 06 yellow 26 magenta - D7 cyan	**9572**
Plastic casing for walls and floor installation + top end cap IP68 colour 04 black	**6946**
Aluminium casing for wall installation + top end cap colour 04 black	**6944**
Aluminium casing for floor installation + top end cap colour 04 black	**6945**

	code
Adapter for outer casing for 6946 colour 00 indeterminate ø 260 - h 105	**9579**
Adapter for outer casing for 6944-6945 colour 00 indeterminate ø 357 - h 105	**9580**
Suction cup colour 00 indeterminate	**9583**

Measurements of the outer casings are shown in the table on page 584





light source	W	Lm	code
LED	Cool white		
	1,5 W 24Vdc	35	**2635**

On request available with LED blue, red, green and amber.

	RGB		
	5,2 W 24Vdc	45	**2640**

Cmpatible with light management systems of the iGuzzini range illustrated on page 19. For the system definition, refer to the instructions.

accessories

	code
Coloured filters for 2635 colour 02 red - 06 yellow 26 magenta - D7 cyan	**9574**
Bar pictogram colour 00 indeterminate	**9589**
Restaurant pictogram colour 00 indeterminate	**9590**
Information pictogram colour 00 indeterminate	**9591**
Arrow/Direction pictogram colour 00 indeterminate	**9592**
Toilet pictogram colour 00 indeterminate	**9593**

	code
Plastic casing for wall and floor installation + top end cap IP68 colour 04 black	**6952**
Aluminium casing for wall installation + top end cap colour 04 black	**6950**
Aluminium casing for floor installation + top end cap colour 04 black	**6951**
Adapter for outer casing for 6952 colour 00 indeterminate ø 260 - h 105	**9579**
Adapter for outer casing for 6950-6951 colour 00 indeterminate ø 357 - h 105	**9580**
Suction cup colour 00 indeterminate	**9583**

Measurements of the outer casings are shown in the table on page 584

Ledplus "all glass"

components

code

Electronic power supply designed to mount on a DIN standard profile 10W **9908**
VIN=220÷240Vac / 50÷60Hz
VOUT=24Vdc ±2% (SELV)
colour 00 indeterminate

Electronic power supply designed to mount on a DIN standard profile 24W **9909**
VIN=90÷-260Vac / 50÷60Hz
VOUT=24Vdc ±2% (SELV)
colour 00 indeterminate

Electronic power supply designed to mount on a DIN standard profile 72W **9910**
VIN=220÷240Vac / 50÷60Hz
VOUT=24Vdc ±2% (SELV)
colour 00 indeterminate

code

Electronic power supply designed to mount on a DIN standard profile 96W **9911**
VIN=220÷240Vac / 50÷60Hz
VOUT=24Vdc ±2% (SELV)
colour 00 indeterminate

Electronic power supply designed to mount on a DIN standard profile 240W **9912**
VIN=88÷264Vac / 50÷60Hz
VOUT=24÷28Vdc (SELV)
Dim. 63x114x125h
colour 00 indeterminate

Colour LED Interface **9639**
Number of DIN modules: 7
- Controls LED devices
- Power consumption: 3 W
- The number of devices controlled by each supplier is indicated in the instruction sheet
- Occupies 3 DALI addresses

colour 00 indeterminate

code

Box for electronic power supply IP67 **9582**
for 9908-9909-9910-9911
Dim. 140x230x95h
colour 00 indeterminate

Connector block without power supply IP68 **B915**
colour 00 indeterminate

Watertight connector kit IP68 **9581**
colour 00 indeterminate

Colours

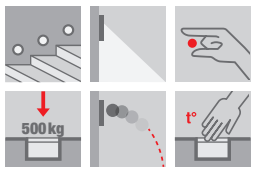
00
INDETERMINATE

Ledplus "stainless steel frame"

Features

IP68 IK09

- Wall-/floor-recessed luminaire designed to use 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.



Floor installation

Wall-mounted installation

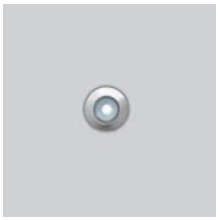
Static load resistance 500 Kg

Compact size

Temperature < 40°C

Ledplus "stainless steel frame"

accessories



light source	W	Lm	code
LED	**Signalling**		
	Cool white		
	0,4 W 24Vdc	3	**2600**
	Blue		
	0,4 W 24Vdc	1	**2601**
	Amber		
	0,5 W 24Vdc	2	**2604**

Casing for installation in concrete walls + end cap — **6938**
colour 00 indeterminate

Casing for installation on concrete floors + end cap — **6939**
colour 00 indeterminate
Static load resistance 1000 Kg

Cylindrical casing for plasterboard or similar walls — **6940**
colour 00 indeterminate

Suction cup — **9583**
colour 00 indeterminate

Measurements of the outer casings are shown in the table on page 584.

accessories

light source	W	Lm	code
LED	**Floor washer**		
	Cool white		
	0,4 W 24Vdc	10	**2611**
	Blue		
	0,4 W 24Vdc	2	**2612**

On request available with LED green and amber.

Plastic casing for walls and floor installation + top end cap — **6943**
colour 04 black

Aluminium casing for wall installation + top end cap — **6941**
colour 04 black

Adapter for outer casing — **9579**
for 6943
colour 00 indeterminate
ø 260 - h 105

Adapter for outer casing — **9580**
for 6941
colour 00 indeterminate
ø 357 - h 105

Suction cup — **9583**
colour 00 indeterminate

Measurements of the outer casings are shown in the table on page 584.

components

Electronic power supply designed to mount on a DIN standard profile 10W — **9908**
VIN=220÷240Vac / 50÷60Hz
VOUT=24Vdc ±2% (SELV)
colour 00 indeterminate

Electronic power supply designed to mount on a DIN standard profile 24W — **9909**
VIN=90÷260Vac / 50÷60Hz
VOUT=24Vdc ±2% (SELV)
colour 00 indeterminate

Electronic power supply designed to mount on a DIN standard profile 72W — **9910**
VIN=220÷240Vac / 50÷60Hz
VOUT=24Vdc ±2% (SELV)
colour 00 indeterminate

Electronic power supply designed to mount on a DIN standard profile 96W — **9911**
VIN=220÷240Vac / 50÷60Hz
VOUT=24Vdc ±2% (SELV)
colour 00 indeterminate

Electronic power supply designed to mount on a DIN standard profile 240W — **9912**
VIN=88÷264Vac / 50÷60Hz
VOUT=24÷28Vdc (SELV)
Dim. 63x114x125h
colour 00 indeterminate

Box for electronic power supply IP67 — **9582**
for 9908-9909-9910-9911
Dim. 140x230x95h
colour 00 indeterminate

Connector block without power supply IP68 — **B915**
colour 04 black

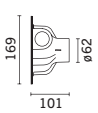
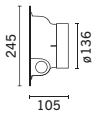
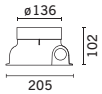
Watertight connector kit IP68 — **9581**
colour 04 black

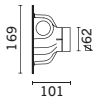
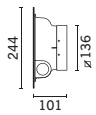
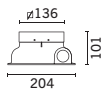
Colours

13
STEEL

Ledplus

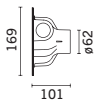
“all glass” version

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		

La Rochette - France

Architectural project: Barbara Dumont
Photo: Didier Boy de la Tour

Vision

design Roberto Pamio

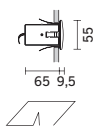
Features

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.

light source	W	Lm	optic	code
QT9 (G4)	10W	12V	82°	**SP41**
LED Cool white	1,2W	45	88°	**SP51**
Blue	1,2W	15	88°	**SP52**

Complete with lamp and electronic transformer



light source	W	Lm	optic	code
QT9 (G4)	10W	12V	82°	**SP46**
LED Cool white	1,2W	45	88°	**SP54**
Blue	1,2W	15	88°	**SP55**

Complete with lamp and electronic transformer

	code
Outer casing	
for round recessed dim. 223x78x80h	**SP79**
for square recessed dim. 220x65x80h	**SP81**

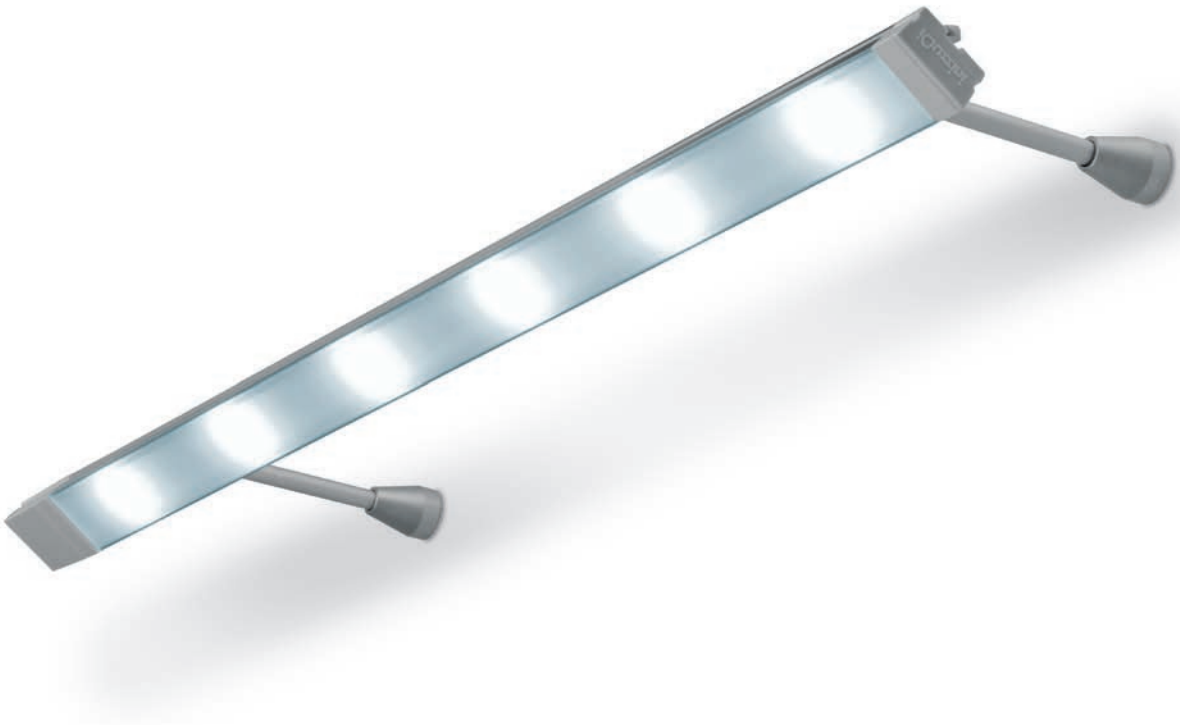
colour 01 white
This accessory permits installation in brick and concrete walls

Colours

65
NITRIC

New Rainbow Headquarters - Loreto (AN), Italy
Architectural project: Elisabetta Straffi and Sergio Bianchi - Photo: Giuseppe Saluzzi

X26



Ceiling-mounted

Recessed

X26

Features

IP40

- Wall- or ceiling-mounted installation.
- Extruded aluminium bars, supplied in various lengths, up to 2000 mm.
- Opaline polycarbonate diffuser.
- Fixing system uses clip accessories.

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.

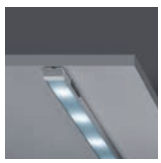
LED 3W | 6W | 12W
18W | 24W

- LED warm white CRI 80
- LED neutral warm CRI 80
- LED warm white CRI 90

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.

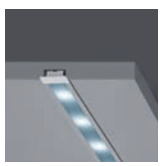


Surface-mounted installation

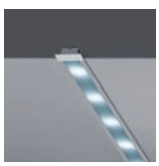
Adjustable arm

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

Ceiling-mounted

light source	W	Lm	length	code
LED	Neutral white			
	3,4 W 24 V	270	250	**M846**
	6,7 W 24 V	530	500	**M847**
	13 W 24 V	1060	1000	**M848**
	20 W 24 V	1590	1500	**M849**
	27 W 24 V	2120	2000	**M850**
	Warm white			
	3,4 W 24 V	270	250	**M851**
	6,7 W 24 V	530	500	**M852**
	13 W 24 V	1060	1000	**M853**
	20 W 24 V	1590	1500	**M854**
	27 W 24 V	2120	2000	**M855**
	Warm white - CRI 90			
	3,2 W 24 V	190	250	**M856**
	6,3 W 24 V	380	500	**M857**
	13 W 24 V	760	1000	**M858**
	19 W 24 V	1140	1500	**M859**
	25 W 24 V	1510	2000	**M860**

accessories and components

	code
Fixing clips colour 00 indeterminate	**MWJ8**
Adjustables arms L=100 L=200 colour 12 alluminium	**MWJ5** **MWJ6**
Adjustables base colour 15 grey	**MWJ4**
Power supply end cap with cable colour 15 grey	**MWJ9**
Power supply intermediate end cap colour 15 grey	**MWK0**

	code
Constant-voltage electronic ballast 50W 24V I_{OUT}=2A For complex installations with considerable length, the electronic power suppliesfor DIN bar with code 9911 (96W) - 9912 (240W) colour 00 indeterminate	**MWK4**
Constant-voltage electronic ballast 70W 24V I_{OUT}=2,9A colour 00 indeterminate	**MWK5**
DALI dimming interface monochromatic LED 120W 24V V_{IN}=10-24Vdc V_{OUT}=10,5-24Vdc colour 00 indeterminate	**MWP3**

Recessed

light source	W	Lm	length	code
LED	Neutral white			
	3,4 W 24 V	270	250	**M877**
	6,7 W 24 V	530	500	**M878**
	13 W 24 V	1060	1000	**M879**
	20 W 24 V	1590	1500	**M880**
	27 W 24 V	2120	2000	**M881**
	Warm white			
	3,4 W 24 V	270	250	**M882**
	6,7 W 24 V	530	500	**M883**
	13 W 24 V	1060	1000	**M884**
	20 W 24 V	1590	1500	**M885**
	27 W 24 V	2120	2000	**M886**
	Warm white - CRI 90			
	3,2 W 24 V	190	250	**M887**
	6,3 W 24 V	380	500	**M888**
	13 W 24 V	760	1000	**M889**
	19 W 24 V	1140	1500	**M890**
	25 W 24 V	1510	2000	**M891**

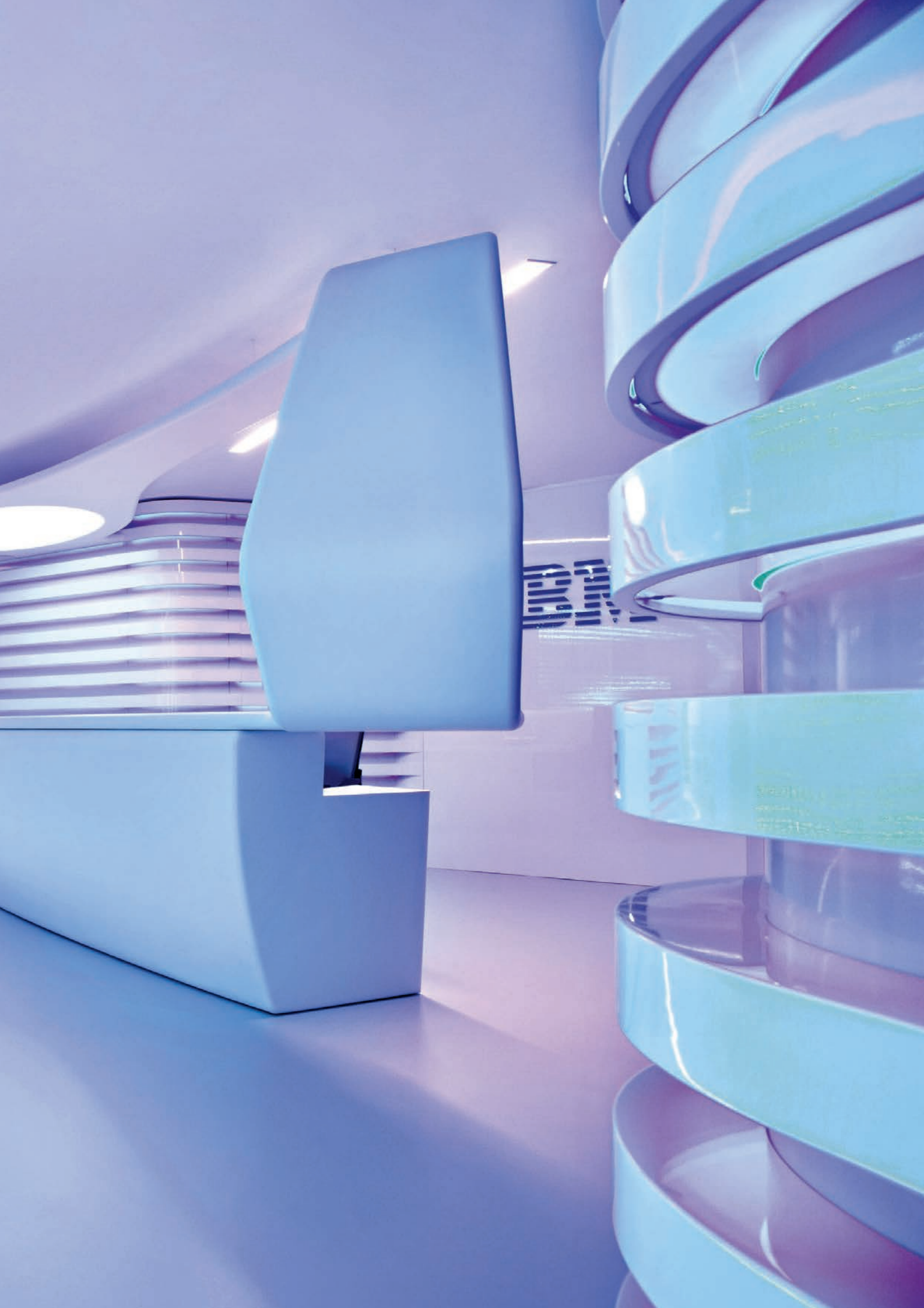
accessories and components

	code
Pair of springs for insertion with through slot colour 00 indeterminate	**MWK3**
Power supply end cap with cable colour 15 grey	**MWK1**
Power supply intermediate end cap colour 15 grey	**MWK2**

	code
Constant-voltage electronic ballast 50W 24V Iout=2A For complex installations with considerable length, the electronic power suppliesfor DIN bar with code 9911 (96W) - 9912 (240W) colour 00 indeterminate	**MWK4**
Constant-voltage electronic ballast 70W 24V I_{OUT}=2,9A colour 00 indeterminate	**MWK5**
DALI dimming interface monochromatic LED 120W 24V V_{IN}=10-24Vdc V_{OUT}=10,5-24Vdc colour 00 indeterminate	**MWP3**

Colours

12
ALLUMINIUM



Ledstrip

Features

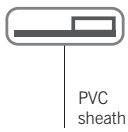
IP65 (IP20 connectors)

- 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.

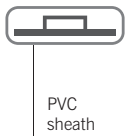
LMS

Lighting effect

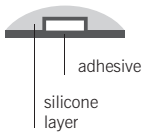
- **Ledstrip tube side**



- **Ledstrip tube**
- **Ledstrip tube hi-power**
- **Ledstrip**
- **Ledstrip hi-power**



- **Ledstrip tube**
- **Ledstrip tube hi-power**



- **Ledstrip**
- **Ledstrip hi-power**

IBM Software headquarters - Roma, Italy

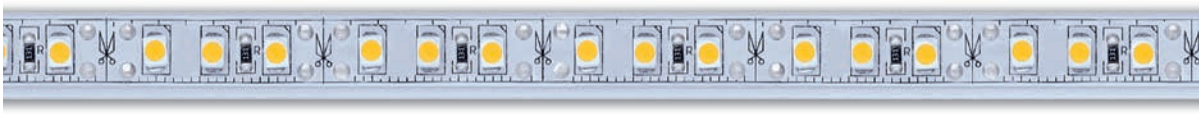
Architectural project: Iosa Ghini Associati - Lighting project: Iosa Ghini Associati - Photo: Santi Caleca

Ledstrip

Installation

Ledstrip tube side

Ledstrip tube



Ledstrip tube hi-power

Ledstrip

Ledstrip hi-power

Cut
The strips can be cut at preset distances. In case of intermediate cuts, ensure that cut ends are sealed correctly.

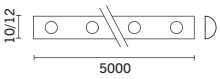
Adhesive supplied
(for Ledstrip version)

Fixing clips kit
(for all versions)

Kit of aluminium rigid channels
(side version excluded)

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.

Ledstrip



light source	W/m		Lm/m	K	code
LED	5W	12V	240	2400	**M249**
	5W	12V	240	3000	**M250**
	5W	12V	420	4000	**M251**
	5W	12V	420	6000	**M252**

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)

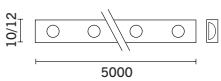
RGB					
5W			90		**M253**

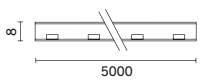
Sections can be split every 100 mm
2 strips connected in consecutive line

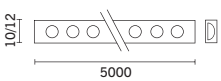
LED	Hi-power				
	14W	24V	840	3000	**MI59**
	14W	24V	930	4000	**MI60**
	14W	24V	960	6000	**MI61**

Sections can be split every 100 mm

Compatible with light management systems of the iGuzzini range illustrated on page 19. For the system definition, refer to the instructions.







light source	W/m		Lm/m	K	code
LED	Tube				
	5W	12V	240	2400	**M824**
	5W	12V	240	3000	**M826**
	5W	12V	420	4000	**M827**
	5W	12V	420	6000	**M828**

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**

Sections can be split every 100 mm
2 strips connected in consecutive line

LED	Tube side				
	5W	12V	240	3000	**MC63**
	5W	12V	240	4000	**MC64**
	5W	12V	300	6000	**MC65**

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)

LED	Tube hi-power				
	9,6W	12V	690	3000	**ME33**
	9,6W	12V	740	4000	**ME34**
	9,6W	12V	740	6000	**ME35**

Sections can be split every 25 mm
2 strips connected in consecutive line
(there may a slight drop in luminous intensity along the line)

accessories

Fixing clips kit **MWG2**
colour 01 white
10 pieces

Kit of aluminium rigid sections **MWG1**
colour 12 alluminium
5 pieces with 1 m
Ledstrip tube side cannot be installed with rigid channel.

Connector kit **MWR5**
It contains 1 male connector,
2 female connectors,
2 heat-shrinking sheaths
for M249-M250-M251-M252
MI59-MI60-MI61
colour 00 indeterminate

Connector kit **MWR6**
It contains 1 male connector,
2 female connectors,
4 end caps without holes
for M824-M826-M827-M828
ME33-ME34-ME35
colour 00 indeterminate

Kit end caps **MWR7**
It contains 4 end caps
with holes
for M829
colour 00 indeterminate

Connector kit **MWR8**
It contains 1 male connector,
2 female connectors,
4 end caps
for MC63-MC64-MC65
colour 00 indeterminate

components

Constant-voltage electronic ballast 20W 12V **MWF7**
VOUT=12Vdc
IOUT=1,65A
Max 1 coil (5 m)
(Ledstrip, Ledstrip tube, Ledstrip tube side)
colour 00 indeterminate

Constant-voltage electronic ballast 70W 12V **MWF8**
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)
colour 00 indeterminate

Constant-voltage electronic ballast 100W 12V **MX36**
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)
colour 00 indeterminate

Constant-voltage electronic ballast 100W 24V **MX67**
VOUT=24Vdc
IOUT=4A
Max 1 coil
(Ledstrip hi-power)
colour 00 indeterminate

DALI dimming interface monochromatic LED 50W 12V 120W 24V **MWP3**
VIN=10-24Vdc
VOUT=10,5-24Vdc
colour 00 indeterminate

PWM slave sequencer 20W 12V with voltage output (12 V) for RGB **MWG0**
VIN=10,8-26,4Vdc
VOUT=VIN 1Vdc
IOUT=1,5A
FOUT=190-210 Hz
Max 2 coils (10 m)
colour 00 indeterminate

PWM master sequencer 20W 12V with voltage output (12 V) for RGB with radiocontrol **MWF9**
VIN=10,8-26,4Vdc
VOUT=VIN 1Vdc
IOUT=1,5A
FOUT=190-210 Hz
Max 2 coils (10 m)
colour 00 indeterminate

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).

Colours

01
WHITE

Beauty Point Spa, Formello
Roma, Italy

Architectural project: Rands Associated srl
Lighting project: Rands Associated srl
Photo: Ales & Ales

NIYO&CO.
ROMA
DEGUSTAZIONE
SENSORIALE

PizzaKobra

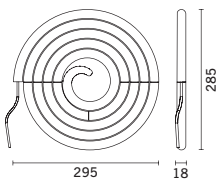
design Ron Arad

Red Dot Design Award
ADI Design Index
Brit Insurance Designs
AIT

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
LED	Cool white		
	8 W	300	**4059**

Colours

10
CHROME

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
	G400	**50-150**	50.000/70.000	6	IGBT	11,7	0,65	+75	<6	>1800	SELV	4	6	0,320	238x50x43
	5587	**50-200**	30.000/45.000	4	IGBT	11,7	0,86	+80	<10	>1400	SELV	2	8	0,345	238x50x43
	G401	**50-105**	30.000/45.000	4	IGBT	12	0,65	+75	<6	>1400	SELV	2	6	0,365	238x50x43
	G402	**50-200**	30.000/45.000	4	IGBT-TRIAC	11,7	0,86	+80	<10	>1400	SELV	2	8	0,345	238x50x43
	G407	**50-200**	20.000/25.000	3	IGBT	11,5	0,87	+80	<11	>1100	SELV	2	8	0,330	238x50x34
	6071	**50-150**	20.000/25.000	3	IGBT	11,5	0,65	+75	<8	>1100	SELV	2	8	0,330	238x50x34
	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
	G404	**35-105**	30.000/45.000	4	IGBT	11,6	0,49	+85	<4,5	>1400	SELV	2	6	0,130	168x48x17
	5583	**35-105**	30.000/45.000	4	IGBT	11,6	0,49	+85	<4,5	>1400	SELV	2	2	0,130	168x48x17
	G403	**10-60**	30.000/45.000	4	IGBT	11,6	0,26	+80	<4	>1400	SELV	2	6	0,120	168x48x17
	5581*	**10-60**	30.000/45.000	4	IGBT	11,6	0,26	+80	<4	>1400	SELV	2	2	0,120	168x48x17
	5582	**50-105**	50.000/70.000	6	IGBT	11,6	0,49	+85	<4,5	>1800	SELV	2	6	0,130	168x48x17
	5580*	**20-60**	50.000/70.000	6	IGBT	11,6	0,26	+80	<4	>1800	SELV	2	6	0,120	168x48x17
	G406	**35-105**	20.000/25.000	3	IGBT	11,6	0,49	+75	<4,5	>1100	SELV	2	2	0,105	114x52x23
	G405	**20-70**	20.000/25.000	3	IGBT	11,6	0,33	+75	<4	>1100	SELV	2	2	0,100	114x52x23
	6070	**35-105**	20.000/25.000	3	IGBT-TRIAC	11,6	0,49	+75	<4,5	>1100	SELV	2	2	0,105	114x52x23
	6002	**20-70**	20.000/25.000	3	IGBT-TRIAC	11,6	0,33	+75	<4	>1100	SELV	2	2	0,100	114x52x23
	G409	**35-105**	10.000/15.000	2	IGBT	11,5	0,49	+75	<4	>1000	EQUIV. SELV	2	2	0,080	100x38x32
	G408	**20-60**	10.000/15.000	2	IGBT	11,6	0,29	+75	<4	>1000	EQUIV. SELV	2	2	0,080	100x38x32
	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 o 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 power supplies suitable for installation on wood surfaces in compliance with DIN.

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 EN 61347-2-12

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	4000	86	G5	16
			L331	21	/	1900	/	90	3000	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
			L335	28	/	2600	/	93	6500	86	G5	16
	T 16 (T5)	Fluorescent lamp (Seamless Osram)	**L297**	39	/	3100	/	79	3000	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
			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	2G11	/
			L343	28	/	8800	/	100	4000	80	2G11	/
			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
			L308	11	/	600	/	54	2500	82	E27	40
	TC-DSE	Electronic fluorescent (Philips)	**L309**	11	/	575	/	52	6500	82	E27	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	/	600	/	54	2500	82	E27	43
	TC-TSE	Electronic fluorescent (Osram)	**L306**	11	/	600	/	54	4000	82	E27	43
			L231	33	/	2250	/	65	2700	82	E27	/
	TC-TEL	Electronic 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
			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	90	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
			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

Lamps

			code	W wattage	V voltage	lm lum. flow	cd lum. intens.	lm/W lum. effic.	K colour temp.	CRF	socket	ø mm
			L181	60	/	6600	/	120	2850	70	PGZ12	19
			L336	90	/	10450	/	116	2750	66	PGZ12	19
	HIT-CE	Metal halide lamp A.P. (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 (Sylvania Brite Spot) α 24°	**L182**	35	/	/	7000	/	3000	90	GX10	51
		Metal halide lamp (Sylvania Brite Spot) α 38°	**L183**	35	/	/	4000	/	3000	90	GX10	51
	HI-PAR 51	Metal halide lamp (Sylvania Brite Spot) α 60°	**L184**	35	/	/	2000	/	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
		Alogenuri metallici (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 WhiteSON 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
1106	78	
1111	78	0.02
1191	121-127-132	0.05
	182-185	
1192	133-183-246-255	0.12
	264-273-306	
1199	548-549	0.03
1228	549	0.15
1229	548	0.15
1230	549	0.36
1234	549	0.29
1236	549	0.55
1240	548	
2600	583	0.11
2601	583	0.11
2604	583	0.11
2606	579	0.19
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2612	583	0.29
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2662	212	0.68
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2677	213	1.58
2678	213	1.17
2679	213	1.91
2680	213	2.19
2681	213	2.80
2682	213	1.99
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2685	214	3.67
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2687	214	2.84
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2694	209	0.74
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2696	209	1.16
2698	209	0.94
2720	323	0.40
2721	323	0.66
2722	323	1.21
2723	323	1.21
2728	336	3.53
2729	336	1.73
2730	336	2.50
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2919	418	0.21
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2922	418	0.63
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2929	569	0.35
2930	569	0.46
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2932	246-255-264	0.13
	272-273	
2933	245-254-256	0.04
	263-271	
2934	246-255-264	0.10
	272-273	
2935	245-254-256	0.04
	263-271	
2936	569	0.11
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2939	569	0.27
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2943	246-255-264	0.10
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2944	244-253-262-270	0.03
2945	245-254-256	0.04
	263-271	
2946	246-255-264	0.10
	272-273	
2947	244-253-262-270	0.03
2948	245-254-256	0.04
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2949	246-255-264	0.10
	272-273	
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2962	210	2.01
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2989	181	0.80
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2994	212	
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2996	214	
2997	214	
2998	209-212-219	
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3047	444	4.49
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3049	444	5.21
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3052	335	2.20
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3175	433	3.62
3176	433	5.18
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3236	288	1.30
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3259	413	5.25
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3270	289	3.32
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3310	108	1.06
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3312	108	1.30
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3345	108	1.07
3346	108	1.07
3347	108	1.02
3348	108	1.02
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3361	108	2.95
3362	108	3.04
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3372	413	6.90
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3378	413	5.25
3381	413	7.35
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3383	413	5.60
3386	413	7.70
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3393	413	5.90
3394	413	6.90
3395	413	6.25
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3398	413	5.60
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3598	110	1.05
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3664	483	9.00
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3819	477	8.55
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3923	110	2.99
3924	110	3.08
3925	110	2.99

Code/page reference

code	page	weight kg
3926	110	3.08
3927	102	0.90
3928	102	0.90
3929	102	0.90
3930	102	0.90
3935	102	1.07
3936	102	1.07
3937	102	1.07
3938	102	1.07
3945	491	1.07
3948	491	1.07
4059	599	2.53
4241	198	1.50
4242	198	1.50
4243	198	1.25
4244	198	1.70
4245	198	1.70
4246	198	1.45
4247	200	2.80
4248	200	3.04
4249	200	2.30
4250	200	3.78
4251	200	3.75
4252	200	3.25
4253	200	3.50
4254	200	3.50
4264	132	0.39
4265	132	0.39
4266	132	0.99
4267	132	1.03
4268	132	1.13
4269	132	1.13
4270	132	0.50
4271	132	0.83
4272	133	1.15
4273	133	1.15
4274	133	1.00
4275	133	1.00
4276	133	1.23
4277	133	1.10
4278	132	0.88
4279	132	0.88
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4305	516	
4306	516	
4327	516	
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4432	515	17.85
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	183-190-200	
	211-214	
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4442	516	1.80
4447	516	0.55
4449	516	0.71
4450	515-516	0.14
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4456	515-516	0.14
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4462	516	0.10
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	133-137-183-190	
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	137-183-190-200	
	211-214	
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	133-137-183-190	
	200-211-214	
4468	75-84-133-137	1.45
	183-190-200-211	
	214	
4469	75-84-102-133	1.70
	137-183-190-200	
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	137-183-190	
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	183-190-200	
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	137-183-190	
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	182-185	
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4664	102	1.09
4666	102	1.22
4667	102	1.22
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4805	312	1.25
4810	312	0.83
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4813	286	1.30
4814	313	1.47
4815	313	2.09
4818	313	1.06
4826	287	1.95
4827	287	1.95
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4831	287	2.85
4832	294	1.10
4833	294	1.25
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4843	312	1.05
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4846	312	1.05
4847	312	1.05
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4849	312	1.05
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4871	286	0.78
4872	286	0.98
4873	286	1.18
4874	286	1.18
4876	328	0.31
4877	328	0.59
4878	329	0.46
4881	328	1.03
4882	328	1.03
4883	328	1.03
4884	328	1.03
4892	329	1.57
4893	329	1.57
4894	329	2.09
4895	329	2.09
4899	312	1.05
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4903	292	1.46
4916	292	1.46
4923	292	2.23
4924	292	2.23
4925	293	3.08
4926	293	3.03
4927	293	3.13
4928	293	3.13
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5007	571	3.30
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5015	559	0.77
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5019	387	2.64
5020	387	3.43
5030	559	2.12
5031	559	2.12
5046	564	4.85
5047	564	6.25
5048	564	7.25
5049	564	8.90
5068	564	9.00
5069	564	5.74
5070	564	5.85
5096	557	2.17
5099	557	1.45
5145	337	3.75
5146	338	4.90
5148	444	2.50
5151	444	2.66
5152	444	2.64
5153	444	2.72
5154	444	3.59
5155	444	2.80
5159	444	3.98
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5171	569	3.20
5172	569	4.20
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5175	569	4.20
5176	569	2.50
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5179	338	2.40
5180	338	4.10
5181	337	2.10
5182	337	2.70
5187	388	11.96
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5189	388	11.96
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5204	557	0.49
5205	557	0.63
5206	557	0.73
5207	557	
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5225	557	0.06
5226	557	0.07
5235	559	0.95
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5238	559	1.70
5239	559	3.30
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5243	559	5.30
5251	559	1.06
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5317	219	1.64
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5328	219	7.42
5329	219	7.18
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5400	559	3.40
5401	559	4.80
5423	548	1.35
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5428	548	1.35
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5431	549	1.50
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5436	549	1.79
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5445	549	1.79
5446	549	1.96
5447	549	2.01
5448	549	1.50
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5453	549	1.79
5454	549	1.96
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5457	549	1.55
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5459	549	1.80
5460	549	1.74
5461	549	1.79
5462	549	1.96
5463	549	2.01
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5475	543	0.85
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	162-163-164-181	
	182-183-184-185	
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	214-223	
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	150-159-160-161	
	162-163-164-181	
	182-183-184-185	
	190-197-200-201	
	202-209-211-212	
	214-223	
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	150-159-160-161	
	162-163-164-181	
	182-183-184-185	
	190-197-200-201	
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	162-163-164-181	
	182-183-184-185	
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	214-223	
5585	72-73-75-78-79	0.20
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	137-140-142-144	
	150-159-160-161	
	162-163-164-181	
	182-183-184-185	
	190-197-200-201	
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	214-223	
5586	72-73-75-78-79	0.36
	80-83-132-133	
	137-140-142-144	
	150-159-160-161	
	162-163-164-181	
	182-183-184-185	
	190-197-200-201	
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	214-223	
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5806	498	2.58
5807	498	3.05
5808	498	2.02
5810	498	2.13
5813	498	4.57
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5819	498	3.49
5820	498	2.87
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5831	498	3.60
5832	498	4.25
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5873	200	2.20
5894	499	2.60
5895	499	3.20
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5897	499	2.65
5898	499	2.60
5899	499	3.20
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6001	343	0.02
6016	108	0.09
6017	108	0.09
6018	108	0.16
6019	108	0.14
6020	110	0.10
6021	110	0.10
6024	92-93-102-108	1.10
6025	94-102-110	1.05
6029	93-102-108	2.15
6030	92	2.65
6031	94-102-110	2.25
6035	108	0.09
6036	110	0.10
6037	108-114	0.06
6038	108-114	0.13
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6040	108	0.13
6041	108	0.13
6042	110	0.07
6043	110	0.16
6044	110	0.16
6045	110	0.16
6046	108	0.63
6065	359	0.24
6066	359	0.47
6067	359	0.94
6068	359	1.41
6077	359	0.03
6078	359	0.07
6079	359	0.06
6081	359	0.04
6086	359	0.19
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6093	359	0.50
6095	108	0.17
6096	110	0.47
6097	359	0.16
6098	359	0.31
6200	491	8.16
6201	491	8.39
6202	491	7.89
6227	114	1.09
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6231	476	6.80
6232	476	6.90
6233	476	6.80
6234	476	6.80
6235	476	7.30
6236	476	7.20
6237	476	7.30
6238	476	7.20
6239	476	7.30
6240	476	7.60
6241	476	6.90
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6247	476	7.40
6248	476	7.80
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6276	108	1.02
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6278	108	2.10
6279	110	1.06
6280	110	1.10
6281	110	2.14
6283	109	1.20
6284	109	1.13
6285	109	1.20
6286	109	1.13
6287	109	2.20
6289	111	1.27
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6291	111	1.27
6292	111	1.20
6293	111	2.27
6294	499	3.15
6295	499	2.65
6296	499	3.20
6297	499	3.75
6314	343	0.34
6315	343	0.36
6316	343	0.38
6317	343	0.42
6327	343	0.09
6328	343	0.11
6329	343	0.12
6330	343	0.14
6334	343	0.15
6335	343	0.15
6336	270	0.61
6337	270	0.67
6338	270	0.67
6341	270	0.60
6342	270	0.60
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6350	272	1.39
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6353	272	1.42
6354	272	1.42
6355	273	3.25
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6365	262	1.07
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6378	264	2.82
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6380	264	2.76
6381	264	2.76
6384	318	0.27
6387	319	0.86
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6391	318	0.75
6392	319	0.64
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6445	286	2.00
6446	286	2.00
6447	286	2.00
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6449	286	2.00
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6453	271	1.17
6454	263	1.94
6456	263	1.94
6458	263	1.94
6459	263	1.94
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6462	255	
6463	271	1.17
6464	271	1.17
6465	271	
6466	271	1.17
6467	263	
6468	263	
6469	263	1.94
6470	263	
6475	244	0.73
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6477	244	0.73
6480	244	0.85
6481	244	0.85
6482	245	1.25
6483	245	1.25
6485	245	1.38
6486	245	1.38
6487	245	1.40
6488	245	1.40
6489	245	1.42
6490	245	1.42
6491	245	1.42
6492	245	1.42
6493	246	1.85
6494	246	2.03
6495	246	2.40
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6509	511	
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6605	426	4.68
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6639	438	9.30
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6647	348	2.62
6648	348	3.25
6649	348	4.87
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6651	348	4.23
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6654	348	4.23
6657	348	6.05
6666	347	2.62
6667	347	3.25
6668	347	4.87
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6670	347	4.23
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6673	347	4.23
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6692	425	4.95
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6694	425	4.95
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6765	521	
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6775	351	0.98
6776	351	1.96
6777	351	2.94
6778	351	3.92
6779	356	1.05
6780	356	2.10
6781	356	3.15
6782	356	4.20
6783	355	1.05
6784	355	2.10
6785	355	3.15
6786	355	4.20
6800	427	0.11
6801	427	0.07
6802	427	0.11
6803	427	1.00
6804	427	1.05
6805	425-427	0.56
6806	425-427	0.66
6807	425-427	0.19
6808	425-427	0.24
6809	427	0.17
6810	427	0.51
6811	427	0.47
6812	427	0.68
6813	427	1.30
6814	427	1.62
6815	427	0.65
6816	427	0.80
6817	427	1.30
6818	427	1.50
6823	427	0.75
6824	427	0.60
6826	483	0.11
6828	244-253-262-270	0.01
6829	245-254-256	0.01
	263-271	
6830	246-255-264	0.03
	272-273	
6831	244-253-256	0.09
	262-270	
6832	245-254-256	0.16
	263-271	
6833	246-255-264	0.03
	272-273	
6834	477	0.11
6836	521	3.00
6840	244-270	0.01
6841	244-270	0.01
6844	245-263-271	0.02
6845	245-263-271	0.02
6846	272	0.05
6847	272	0.05
6854	236-237-238-244	
	245-246-253-254	
	255-256-262-263	
6854	264-270-271-272	
	277-278-286-287	
	288-289-294-305	
	306-312-313-318	
	319-323-328-329	
	336-569	
6856	521	0.55
6861	244-253-256	0.04
	262-270	
6862	245-254-256	0.07
	263-271	
6863	246-255-264	0.12
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6864	347-348	0.10
6865	348	0.32
6866	348	0.32
6867	348	0.48
6868	348	0.48
6869	348	0.64
6870	348	0.64
6871	348	0.80
6872	347-348	0.12
6873	347-348	0.08
6875	347-348	0.11
6876	347-348	0.21
6877	347-348	0.32
6898	305	0.07
6910	180	0.01
6926	108	0.14
6930	110	0.20
6931	554	
6932	554	
6933	554	
6934	554	
6936	181-184	0.01
6938	583	0.27
6939	583	0.14
6940	583	0.02
6941	579-583	0.50
6942	579	0.36
6943	579-583	0.14
6944	580	0.55
6945	580	0.40
6946	580	0.19
6947	579	1.10
6948	579	0.80
6949	579	0.50
6950	580	1.25
6951	580	0.90
6952	580	0.62
6968	554	
6969	554	
6970	554	
6971	554	
6991	554	
6993	142-180-181-197	0.10
6996	108	0.17
6997	108	0.17
6998	108	0.21
6999	108	0.21
8000	142	0.22
8001	142	0.21
8002	142	0.11
8003	142	0.11
8032	140	0.15
8059	140	0.17
8068	140	0.35
8070	137	0.72
8090	144	0.08
8091	144	0.12
8124	137	0.92
8130	137	0.77
8324	137	0.92
8379	114	1.60
8388	114	1.60
8389	114	2.54
8397	114	1.60
8398	114	1.60
8399	114	2.54
8577	323	0.70
8658	132-140-142-159	0.03
	160-162-163-181	
	184-209-212-219	
	323-328-343	
8670	140-142	0.05
8671	140-142	0.07
8672	140-142	0.03
8673	140-142-159-160	0.03
	162-163-323-328	
8693	142	0.15
8694	140-142	0.23
8695	140-142	0.19
8732	200	0.13
8740	343	0.04
8741	142	0.32
8742	140-142	0.30
8753	197-201-335-336	0.02
	337-338-339-433	
8754	200-202-335-336	0.06
	337-338-339	
8764	197-201	0.12
8766	197-201-335-336	0.02
	337-338-339-433	
8770	197-201	0.04
8771	200-202-335-336	0.32
	337-338-339	
8773	236-237-244-245	0.12
	246-253-254-255	
	256-262-263-271	
	272-277-278-286	
	287-288-289-294	
	313-323-329	
8775	197-201-335-336	0.03
	337-338-339-433	
8777	144	0.02
8778	328	0.01
8779	328	0.05
8780	329	0.03
8781	329	0.08
8782	122-190-286-288	0.07
	290-292-294-312	
	319-323-328	
	369-373	
8783	305-329	0.05
8784	287-289-291	0.17
	293-329	
8785	181-184-328	0.02
8786	286-288-290-292	0.07
	294-319-328-369	
8787	305-329	0.05
8791	328	0.08
8793	329	0.07
8795	287-289-291	0.28
	293-329	
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8816	201	0.57
8817	201	0.80
8818	201	0.80
8819	201	1.25
8820	201	1.29
8821	201	1.65
8822	201	1.69
8835	202	0.78
8837	202	1.07
8839	202	1.70
8841	202	2.10
8851	223	8.51
8852	223	8.48
8853	223	11.48
8854	223	8.51
8855	197	0.62
8856	197	0.62
8857	197	0.78
8858	197	0.78
8859	197	1.35
8860	197	1.35
8861	197	1.90
8862	197	1.95
8871	223	11.48
8875	198	0.85
8876	198	0.90
8877	198	1.10
8878	198	1.20
8879	199	1.90
8880	199	2.20
8881	199	2.79
8882	199	3.10
8902	236-237-244-245	0.20
	246-253-254-255	
	256-262-263-271	
	272-277-278-286	
	287-288-289-294	
	313-323-329	
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8988	352	0.46
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8998	253	
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9118	413	0.28
9119	413	0.22
9120	413	0.50
9121	413	0.40
9142	444-445	0.21
9146	432-433	0.18
9147	432-433	0.23
9148	432-433	0.18
9149	432-433	0.23
9150	433	0.04
9151	413	0.79
9152	413	0.98
9157	433	0.04
9158	348	0.71
9159	433	0.17
9160	433	0.51
9161	433	0.60
9162	433	1.35
9164	433	2.45
9165	433	2.96
9168	413	0.15
9169	413	0.36
9170	413	0.55
9171	444	0.20
9172	444	0.40
9176	347-348	0.77
9177	347-348	0.77
9178	347-348	0.79
9179	347-348	0.64
9180	347-348	0.85
9181	347-348	0.88
9182	347-348	0.06
9186	347-348	0.04
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9199	444	0.34
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9412	533	0.10
9413	533	1.17
9415	318-368	0.03
9421	533	0.09
9422	533	1.54
9423	533	0.40
9425	318-368	0.04
9431	533	1.34
9432	533	1.79
9433	318-368	0.03
9435	319-369-373	0.11
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9441	543	0.70
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9443	543	0.86
9445	543	0.34
9448	318	0.02
9463	319-369-373	0.13
9490	318	0.05
9491	319	0.16
9492	253	
9493	254-256	
9495	255	
9498	476	0.22
9499	533	0.19
9513	287-289-291-292	0.06
9516	244-253-262-270	0.03
9517	245-254-256	0.04
	263-271	
9518	246-255-264	0.10
	272-273	
9519	132	0.30
9528	286-288-290	0.08
9529	286-288-290-292	0.26
9530	287-289-291-292	0.26
9531	287-289-291-293	0.33
9532	286-288-290	0.05
9533	286-288-290-292	0.14
9534	287-289-291-292	0.14
9535	287-289-291-293	0.26
9536	244-253-262-270	0.03
	286-288-290	
9537	133-183-246-255	0.09
	264-273-287-289	
	291-292-306	
9538	244-253-262-270	0.03
	286-288-290	
9539	122-286-288-290	0.15
	292-294-312	
9540	287-289-291-292	0.12
9541	244-253-262-270	0.02
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9542	287-289-291-292	0.11
9543	287-289-291-293	0.24
9545	132-427	0.02
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9570	579	0.01
9572	580	0.01
9574	580	0.01
9579	579-580-583	0.26
9580	579-580-583	0.58
9581	581-583	0.06
9582	581-583	0.64
9583	579-580-583	0.01
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9616	111	0.18
9617	111	0.18
9618	111	0.18
9619	533	0.24
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9635	40	
9636	40	0.15
9637	40	
9639	581	0.60
9644	109	0.19
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9647	111	0.23
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9649	111	1.10
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9668	499	0.75
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9670	499	0.50
9671	499	0.95
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9673	499	0.07
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9675	111	2.25
9676	109	0.23
9677	111	0.24
9680	521	2.00
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9684	521	0.10
9685	521	0.10
9689	395-409	0.70
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9691	557	
9692	557	
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9694	557	0.04
9695	395-409	0.60
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	200-211-214	
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9708	42	
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9838	51	0.11
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9840	51	0.08
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G741	40	
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G765	41	
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M010	182	1.28
M011	182	1.28
M012	182	1.28
M013	183	1.79
M014	183	1.98
M015	183	1.95
M016	183	1.95
M017	183	2.20
M018	183	2.20
M019	183	1.85
M020	183	1.85
M021	184	0.30
M022	184	0.32
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M025	184	0.42
M026	184	0.61
M027	184	0.61
M028	185	0.82
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M030	185	1.08
M031	185	1.08
M032	185	1.08
M033	185	1.08
M034	184	0.32
M035	184	0.66
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M037	185	0.57
M038	185	1.32
M039	185	1.72
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M041	184	0.78
M042	184	0.98
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M108	418	3.63
M109	418	4.27
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M118	418	3.36
M119	418	3.67
M120	418	4.31
M127	432	4.25
M128	432	3.31
M129	432	4.25
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M190	198	1.70
M191	198	1.70
M192	200	2.80
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M198	210	1.60
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M202	211	3.15
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M205	212	1.98
M206	213	1.60
M207	213	1.60
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M209	213	2.80
M210	214	3.20
M211	214	3.20
M212	214	2.85
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M217	328	1.03
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M255	73	1.82
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M287	245	1.43
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M289	245	1.43
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M292	246	1.72
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M294	408	8.45
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M322	142-201	0.26
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M364	72	0.85
M365	72	0.85
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M418	79	0.59
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M435	453	6.15
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M438	453	7.65
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M441	453	10.38
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M459	455	10.98
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M470	454	2.28
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M472	454	6.80
M473	454	3.05
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M476	454	5.75
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M478	454	2.00
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M496	453-455	0.80
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M500	453-455	1.00
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M502	453-455	2.90
M503	453-455	3.80
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MM36	122	
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MW23	347	0.64
MW24	347	0.80
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	263-286-288	
MW31	245-246-254-255	0.32
	263-286-288	
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MW33	181-184	0.02
MW34	182-185	0.03
MW35	183-306	0.09
MW36	181-184	0.02
MW37	182-185	0.03
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MW40	182-185	0.03
MW41	183-306	0.09
MW42	181-184	0.02
MW43	182-185	0.03
MW44	183	0.09
MW45	181-184	0.03
MW46	182-185	0.05
MW47	183	0.14
MW48	181-184	0.03
MW49	182-185	0.05
MW50	183	0.14
MW51	182-185	0.02
MW52	183	0.04
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MW67	457-462	0.05
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MW74	79	0.01
MW75	79	0.01
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MWE9	78	
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MWF9	596	0.12
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MWP5	92-93	
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MWR3	133-183	
MWR4	133-183	
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MWX8	387	0.20
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MX62	121-127	0.07
MX63	122	0.14
MX64	121-127	0.02
MX65	122	0.06
MX66	351-352-355-356	0.03
MX67	596	0.65
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MX71	400	0.13
MX72	400	0.60
MX73	400	0.08
MX74	304	
MX75	304	
MX76	395	1.20
MX77	304	0.03
MX78	304	0.03
MX79	304	0.03
MX80	466	0.11
MX81	466	0.07
MX83	236	
MX84	236	
MX86	236	
MX87	236	
MX88	236	
MX89	236	
MX90	237	
MX91	237	
MX92	237	
MX93	237	

code	page	weight kg
MX94	237	
MX95	237	
MX96	237	
MX97	237	
MX98	237	
MX99	237	
MXA0	237	
MXA1	237	
MXA2	237	
MXA3	237	
MXA4	237	
MXA6	238	
MXA7	238	
MXA8	238	
MXB0	238	
MXB1	238	
MXB2	238	
MXB3	238	
MXB4	236	
MXB5	237	
MXB6	238	
MXB7	236	
MXB8	237	
MXB9	238	
MXC0	236	
MXC1	237	
MXC2	238	
MXC3	236	
MXC4	237	
MXC5	238	
MXC6	236	
MXC7	237	
MXC8	238	
MXC9	236	
MXD0	237	

code	page	weight kg
MXD1	238	
MXD2	236	
MXD3	237	
MXD4	238	
MXD5	236	
MXD6	237	
MXD7	238	
MXD8	236	
MXD9	237	
MXE0	238	
MXE1	236	
MXE2	237	
MXE3	238	
MXE4	236	
MXE5	237	
MXE6	238	
MXE7	236	
MXE8	237	
MXE9	238	
MXF0	236	
MXF1	237	
MXF2	238	
MXF3	236	
MXF4	237	
MXF5	238	
MXF6	236	
MXF7	237	
MXF8	238	
MXF9	172	0.11
MXG0	304	
MXG1	183	
MXG3	200-202-211-214	0.02
	335-336-337	
	338-339	
MXG4	200-202-211-214	0.02

code	page	weight kg
MXG4	335-336-337	
	338-339	
MXG5	200-202-211-214	0.02
	335-336-337	
	338-339	
MXG6	121-127	
SD13	574	2.25
SD14	574	2.75
SD18	574	4.20
SD33	573	1.60
SD36	572	1.90
SD39	572	2.95
SD40	572	3.75
SD41	535	1.50
SD42	535	1.55
SD71	551	1.48
SD72	551	2.02
SD73	551	2.61
SD75	550	0.86
SD76	550	1.87
SD77	550	2.70
SD78	550	3.10
SD82	550	2.35
SD83	550	3.50
SD84	550	4.30
SH35	529	4.63
SH36	529	4.12
SH37	529	4.74
SH38	529	5.96
SH39	529	6.23
SM01	535	1.35
SM02	535	1.45
SM05	525	1.88
SM06	525	4.46
SM07	525	2.68

code	page	weight kg
SM08	525	5.99
SM09	525	3.65
SM10	525	3.45
SM11	525	1.56
SM12	525	4.14
SM13	525	2.36
SM14	525	5.80
SM15	525	3.47
SM16	525	3.26
SM17	525	5.43
SM18	525	5.25
SM19	545	1.52
SM20	545	1.99
SM21	545	1.97
SP06	181	0.53
SP07	181	0.53
SP09	181	0.18
SP31	545	1.27
SP32	545	2.05
SP33	545	2.05
SP41	587	0.15
SP46	587	0.19
SP51	587	0.14
SP52	587	0.14
SP54	587	0.18
SP55	587	0.18
SP68	545	1.17
SP69	545	1.65
SP70	545	1.72
SP79	587	0.35
SP81	587	0.33
SP84	535	0.65
SP85	535	0.85
SP89	535	0.65
SP90	535	0.85

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General information

General conditions

iGuzzini reserves the right to discontinue any products from its collection at any time whatsoeve 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. Any exporting of goods purchased must be authorised in advance and in writing by iGuzzini.

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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For information and updates on compatibility of the light sources with the fittings illustrated in this catalogue, reference must be made to the instructions sheets that can be downloaded from the e-catalogue at www.iguzzini.com

These conditions shall apply from 01.01.2013

Safety seals

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).

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281 **Le Perroquet** wall/ceiling
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48 **Light Equalizer**
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493 **Lineup** recessed
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The range of external products 2013-2014 is presented in the External lighting systems catalogue

Pole-mounted systems
Floodlights
Recessed luminaires
Bollards and Garden systems
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Wall and ceiling-mounted luminaires

For more information
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Piazza del Duomo (Cathedral Square)
Florence - Italy

Upgrading work was carried out on the lighting of Florence Cathedral and the surrounding areas thanks to the initiative and support of the Florence Chamber of Commerce, which promoted a project for improving livability in this part of the city. The new lighting increases light levels, with greater uniformity on the vast surfaces of the Cathedral, also guaranteeing improved colour rendering. All of this without adding new installation points.

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