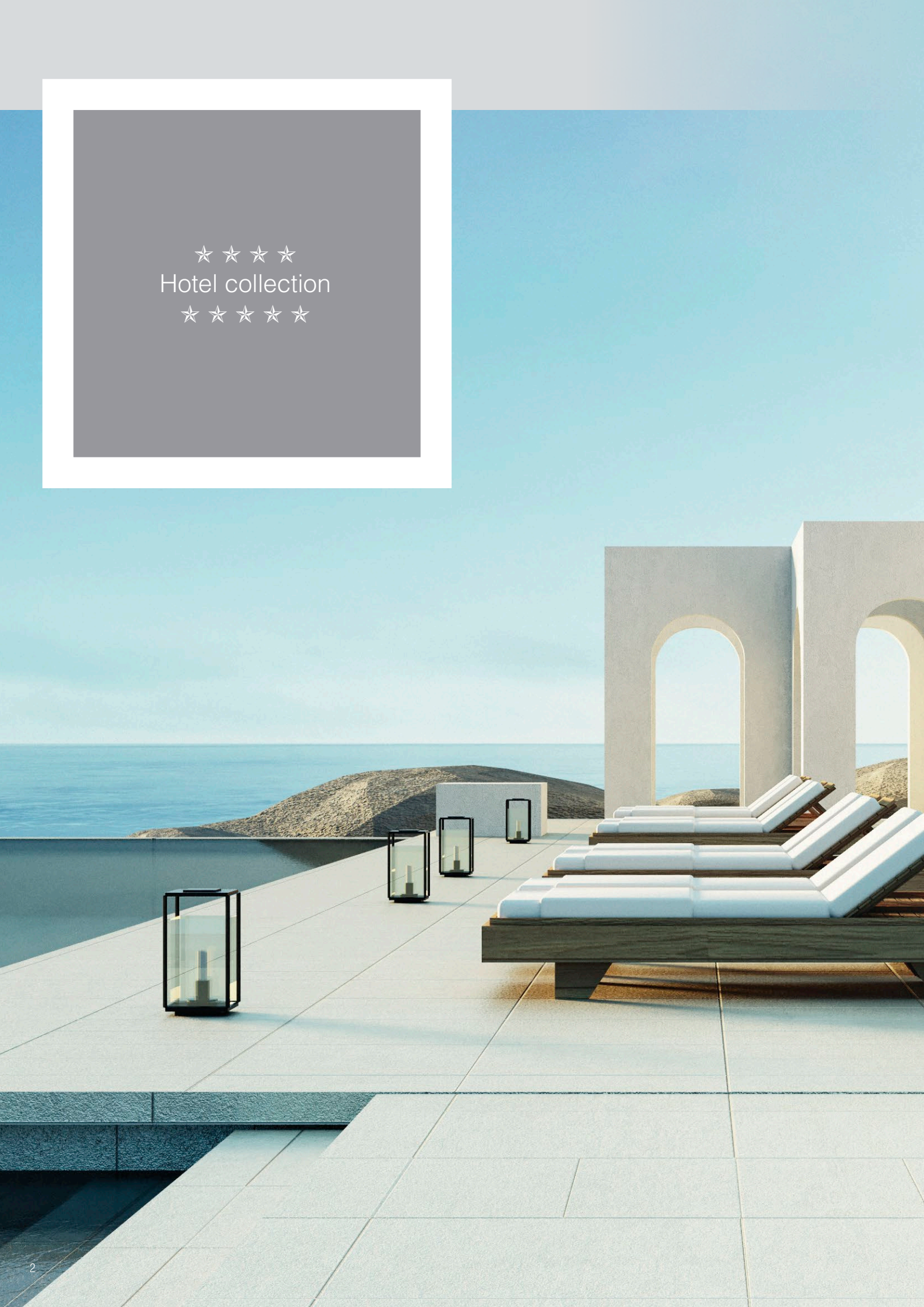
disano illuminazione
www.disano.it

Hotel collection

A selection of products for
different applications

M A D E I N I T A L Y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Hotel collection
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Arrival

The external lights illuminating the hotel's front help make a positive impression.
Whether to create amazing light plays or to exhibit aesthetic rigour, the lights illuminating a hotel as soon as visitors arrive will tell them about the quality they can expect inside. Well-kept gardens with ambient lights, illuminated entrance paths, safe parking areas give visitors seeking for relaxation after a long journey a feeling of comfort.

pag. 10

Reception

Reception areas (front desks and lobbies) must be well-illuminated to prevent visitors from feeling disoriented when they enter the hotel.
It should be made clear where they can check in, find a restroom, leave their luggage, etc…).
In these areas, lights can play a key role for creating a positive first impression.

pag. 38

Accommodation

Hotel rooms with a skilfully designed lighting system can achieve superior quality levels. The pleasure of staying in a comfortable room increases guest's satisfaction.
Dimmable lights allow them to decide the desired lighting level during different moments of the day.

pag. 74

All inclusive

Hotels offer their guests many different types of spaces.
Lounge areas with couches and soft chairs where guests can relax, rooms where they can have breakfast and restaurant rooms where they have lunch and dinner, fitness rooms, as well as spas, swimming pools and gyms.
On terraces and in gardens and outdoor areas lights are fundamental for creating a sense of aesthetics and comfort. Even in these secondary zones, a carefully designed lighting system makes environments particularly pleasant to enjoy.

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Technical areas

There are many people working in a hotel both directly with guests and "behind the scenes". These people require lights with specific technical features in order to perform their tasks in a safe and accurate way.
In kitchens, storage rooms and laundry rooms, it is best to install customized lighting systems.

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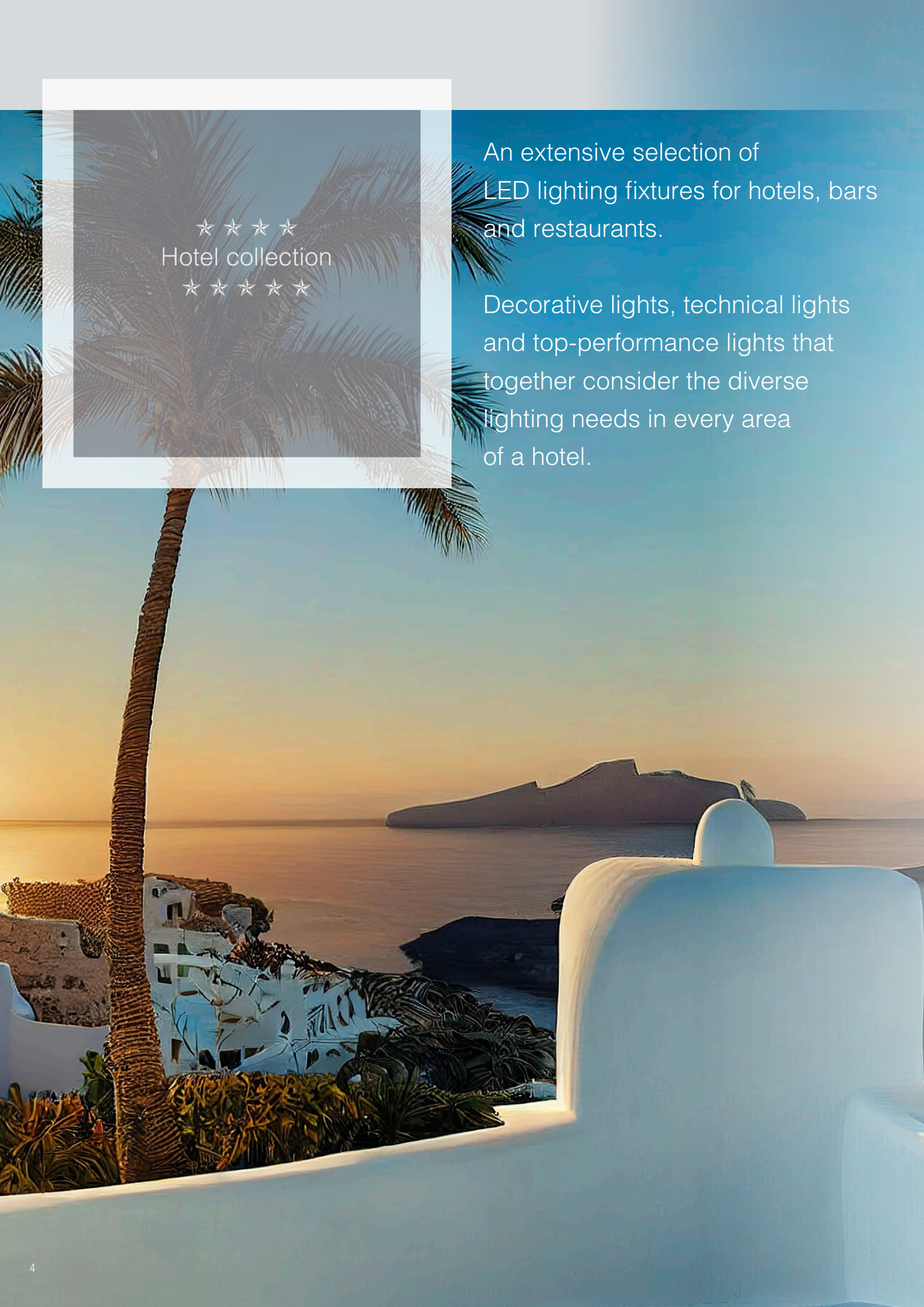

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Hotel collection
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An extensive selection of LED lighting fixtures for hotels, bars and restaurants.

Decorative lights, technical lights and top-performance lights that together consider the diverse lighting needs in every area of a hotel.

Hotel lighting

The hotel industry has changed deeply in the last few years. Today, many different types of hotel exist: boutique hotels, artistic hotels, diffused hotels and many other variants of the classic hotel.
The competition with other forms of accommodation, such as B&Bs, is forcing hotels to personalize their structure. Every hotel must now have a strong brand image to make a memorable experience for their guests. Lighting is fundamental for creating an attractive, personalized hotel capable of offering guests a pleasant and enjoyable stay.
In summary, lights are not just decorating elements, but they are the true protagonists of the hotel's ambience.

To enhance architectonic and decorating solutions.

A good lighting system fitting innovative LED lights enhances the architecture and the decor characterizing a hotel. No matter the style chosen, whether it is to focus on simplicity, luxury or originality, lighting is the element that gives life to spaces, designing them and creating the mood. With LED sources, lighting designers have many more design choices compared to conventional sources. For example, a LED fixture can be easily inserted into architectonic and decorating elements, creating amazing settings. Different types of fixtures also allow monitoring the spaces, in the best way possible, characterizing the environments based on their diverse uses, such as the relaxation areas, lobbies, conference rooms.

Ecologic sources and new technology

Good lighting choices can say much about a hotel. When visitors enter a hotel they need to perceive a carefully studied and contemporary design.
The choice of LED sources is a tell-tale sign of a hotel's interest in environmental issues, favouring energy-saving solutions and the use of cutting-edge technologies.
In this sense, LEDs, in addition to offering a notable advantage in terms of energy consumption and therefore lower costs, also allows characterizing the hotel as an eco-sustainable structure.
In a quality hotel, guests expect a technologically updated system. LED fixtures, even without using highly sophisticated fixtures, offer a high-quality lighting system, capable of being modulated and much more flexible compared to conventional lighting systems.

To create the mood and a memorable brand image

The right lighting in hotel rooms and common spaces creates the mood that characterizes the structure and establishes an emotional relationship with guests. Today, LEDs allow lighting effects with a strong impact, both outdoors and indoors. Linear spotlights and fixtures, with compact dimensions, can be placed in decorating elements, and the use of different colours and diverse lighting scenes can turn a short stay into an experience to remember.
Good lights help guests remember their stay in a positive way and make perfect shots that can be posted on social media, increasing the hotel's popularity.

Energy savings, functionality and personalization

The advantages of LEDs are not just aesthetic. In hotels, some areas need to be illuminated all the time, so lighting usually accounts for the biggest item on the energy bill.
A LED lighting system is therefore particularly suited in the hotel industry also for the favourable impact on costs. Savings are given by the LED sources that absorb up to 70% less energy compared to old lamps and by lighting controllers, such as lighting and presence detectors that allow notable savings by avoiding wasting energy and switching lights on unnecessarily. Sensors can dim lights based on the amount of day-light in the room, using lights only when and where needed.

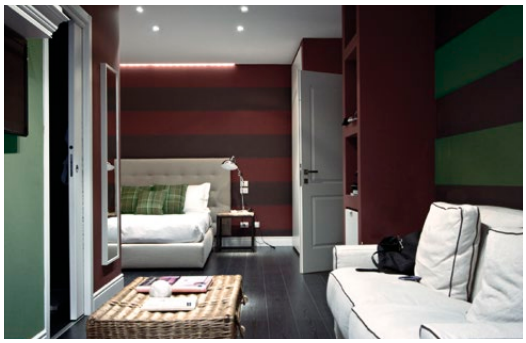
Villa Zaira
Lecce, Italy

Litoraneo
Suite Hotel
Rimini, Italy

Postillion Hotel
Bunnik Utrecht
the Netherlands

Sir Joan Hotel
Ibiza, Spain

The Ralph
Milan, Italy



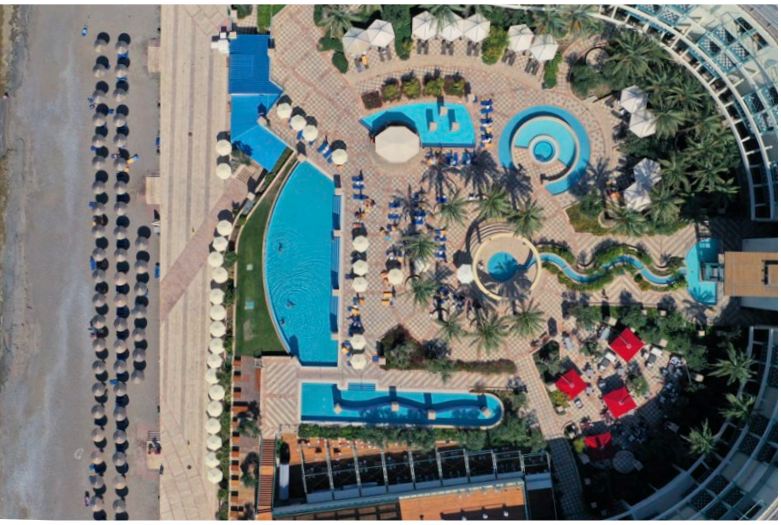
Aquapark
Sport Hotel
Wieradów
Zdrój, Poland

The Yard
Milan, Italy

Buswells Hotel
Dublin, Ireland

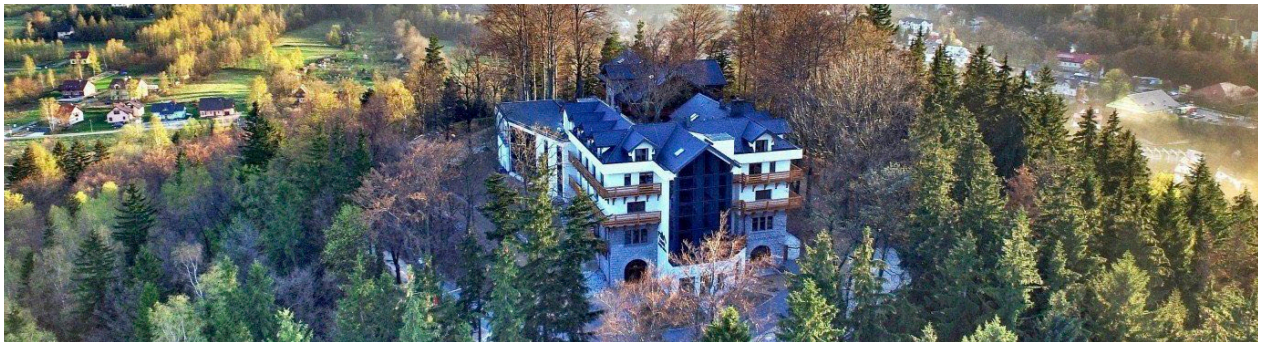
Hotel
Karisma
Ulcinj,
Montenegro

Hotel Meublé
Olimpia
Baia Sardinia
Olbia - Italy



Casino Resort
of Loutraki,
Greece

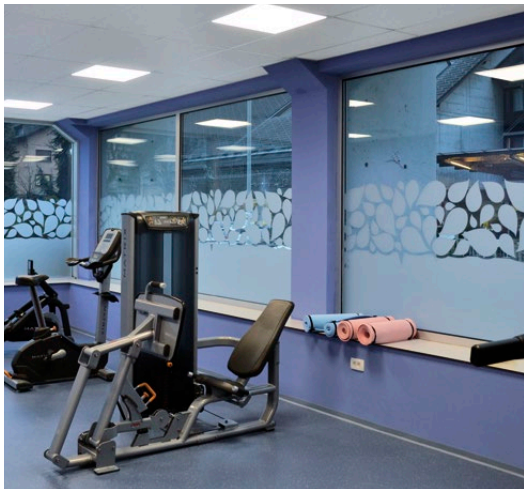
Hotel Majesty
Bari, Italy



Zamek
Ksieza Góra
Karpacz,
Poland

Buswells Hotel
Dublin, Ireland

Sligo Park
Hotel,
Ireland



Hotel
Cerkno,
Slovenia

★ ★ ★ ★

Hotel collection

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Renovate to save!!

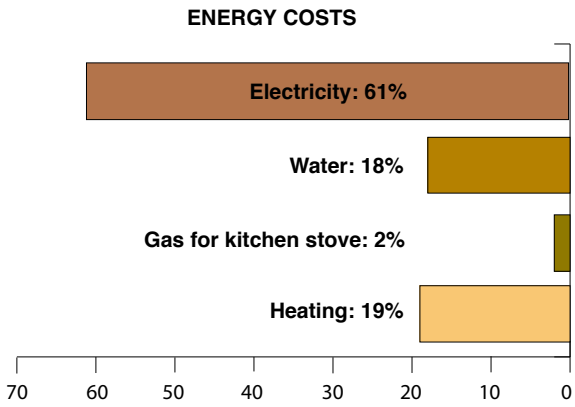
Fixed costs and variable costs of energy consumption

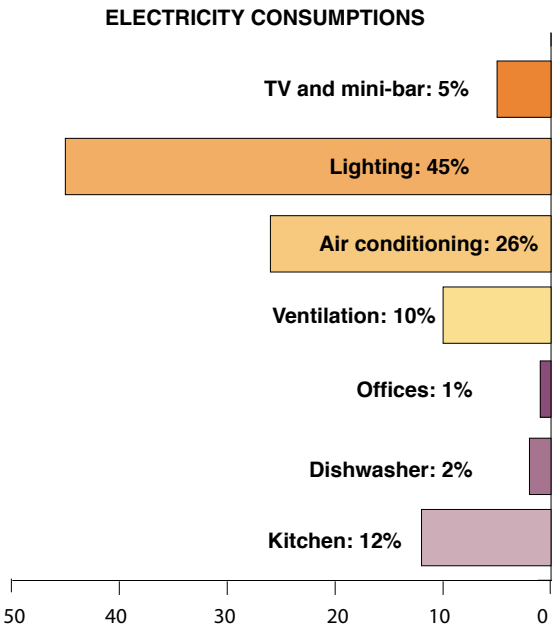
It is well-known that there are fixed and variable costs in the energy consumption of hotels.

In terms of variable costs, much can be saved using an energy efficient lighting system.

The costs of electricity (amounting to about 61% of total variable costs) depend on seasons (26% for air conditioning and 10% for ventilation, while other costs depend on the room's use (conference rooms) or occupancy (TV, mini-bar, lights in the room and bathroom, corridors).

With the LED technology, hotels can save up to 85% of their energy costs both in the areas where lights stay always on (entrance hall, reception desk, kitchens, etc.) and in the areas where lights are consumed on-demand (room occupancy, parking areas, corridors, technical rooms).





There are many reasons for switching to the LED technology. A skilful relamping project allows saving up to 85% on energy bills!

1: switching to the LED technology

	LED	CFL	HALOGEN	INCANDESCENCE
Life	Very long 50.000***	Long	Medium	Short
Energy used	Very low	Low	Medium	High
Energy consumption	**15%**	25%	78%	100%
Average energy savings	**Up to 85%**	Up to 75%	Up to 28%	0%
Running costs	Very low	Low	Medium	High
Environmental impact	Very low	Low	Medium	High
Availability	Very high	Medium	No longer allowed	No longer allowed

2: relamping

- Before relamping your lights, with just a few easy tricks, you can also save on installation costs. For example:
- In hotels with false ceilings made up of panel modules, you can use Pannello LED fixtures.
- With existing recessed spotlights, it is possible to install a new LED source using the same spotlight holes or only slightly bigger. All you need is a Forstner drill to make a bigger hole without changing the false ceiling.
- In this brochure we selected some products that have a life of 50000 (***) or higher: this will make you forget about the costs for changing broken or worn out lamps for a very long time.
- Free-standing installation: the products displayed in this brochure do not require particular mounting tools or methods. Moreover, they do not need to be opened for internal cabling purposes because they are already ready for use.

3: smart lighting control

- Not all the areas of a big hotel are occupied or used all the time. Some spaces such as corridors, stairways, restrooms, conference rooms and recreational rooms may require the installation of special lighting dimmers. This brochure contains a selection of lighting fixtures with dimmable and DALI cabling that allow you to control lights using products that range from ELEMENTARY solutions to very complex lighting management systems. For example:

ELEMENTARY SOLUTION
PLUG & PLAY systems with on-board sensors:

- Solution with built-in sensors
- Sensors attached to the lighting body and visible
- Programming via app or remote control of sensors or trimmers
- "PLUG&PLAY" no installation difference with a non-dimmable product
- The installer and the user do not require specific skills because the lighting fixture is configured to change lighting levels automatically
- No additional cabling
- No centralized controls
- No programming and commissioning from specialized technicians
- No remote communication

MEDIUM SOLUTION
CABLED solutions for DALI dimmable fixtures:

- The lighting fixture is equipped with a DALI PUSH DIM LED driver
- Simple additional cabling and possibility to use a standard NO switch

ADVANCED SOLUTION
High-tech WIRELESS solutions to be managed via app:

- System equipped with smart sensors with high level of automation
- Easy-to-use app and software that do not require skills from specialists (e.g. DALI commissioning or software engineer)
- Built-in or external sensors and, if requested, additional cabling that does not require complex circuitry

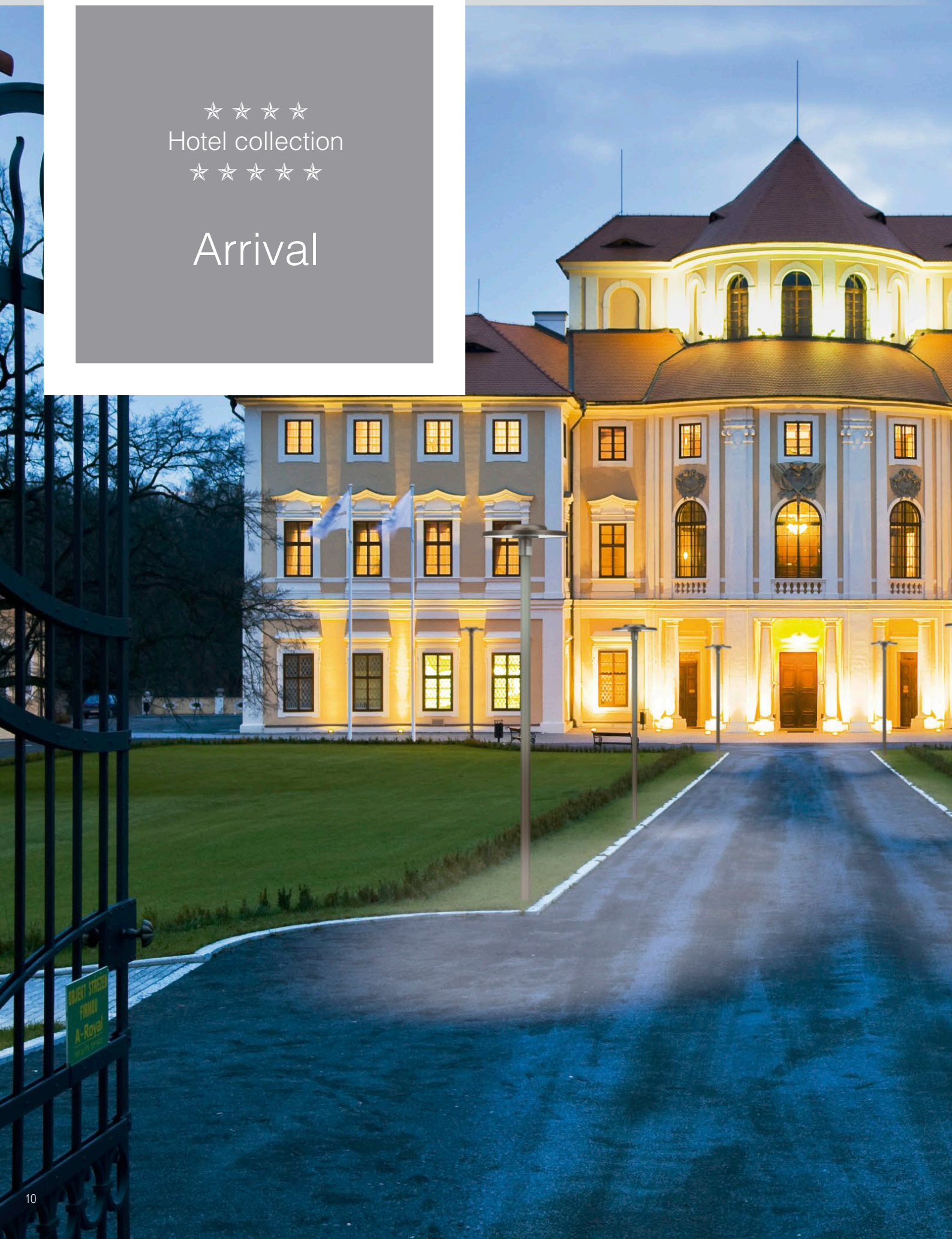
SMART SOLUTION
COMPLEX solutions r equiring lighting management hardware and software:

- Wired and wireless solutions
- System with all fixtures and sensors are managed with the BUS link (or over the air) with the possibility of a limited, but extremely simple, management
- Possibility to configure via app/smartphone/tablet
- Suitable for medium-small systems
- Variable complexity, including situations that may require the intervention of specialized workers (e.g. commissioning)
- Scalable

4: also save outside

Amenitiy and street lighting fixtures are equipped with the latest generation of programmable drivers that allow controlling different aspects and functions of a lighting system:

OPERATING MODE	DESCRIPTION	ADVANCED PROG	BASIC PROG
Luminous flux setup	This can be done by programming the drive current values requested when ordering/purchasing the fixture	✔	✔
Virtual Midnight order with **subcode -30**	Stand-alone system with automatic luminous flux reduction in **4 steps** (up to **max 8 steps** available **upon request**)	✔	
Broadcast Prog	This allows the reconfiguration of the Virtual Midnight profile, including the enabling/disabling of all the fixtures installed on the same power line (broadcast function) via a sequence of electrical impulses.	✔	
Mains voltage regulation	This allows varying the luminous flux by adjusting the mains voltage between 170 and 250 V AC	✔	
CLO (Costant Light Output)	The lighting fixture maintains a constant light output throughout its entire service life	✔	
DC power in **EM**	In centralized emergency systems, the LED Driver automatically detects when the power changes from AC to DC and adjusts the lights to a pre-set value (DC level)	✔	
Monitoring (default)	The driver is equipped with a micro-processor that records the operating conditions from the moment it is turned on	✔	
Setup via **APP**	The NFC technology allows users to set the different operating modes via an APP	✔	



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Hotel collection
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Arrival

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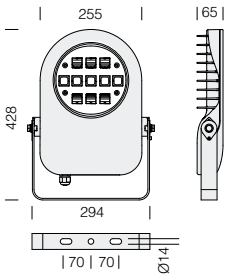
SURGE 73W-= 4/6kV

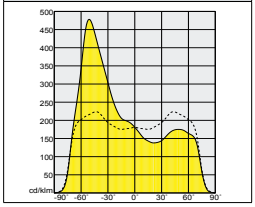
CRI >80

80.000h L80B10

IP66IK08



1713



1713 Cripto medium - asymmetric

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm 700mA - CRI
LED	graphite	4.90	413030-00	**73**	4000K - 9188lm - CRI 80
	grey 9006		413031-00		
LED	graphite	4.90	413030-39	**73**	3000K - 8545lm - CRI 80
	grey 9006		413031-39		

Cripto Medium - Cripto Big

Housing: in die-cast aluminium with cooling fins.

Diffuser: tempered glass, 4 mm thick, resistant to thermal shock and impacts.

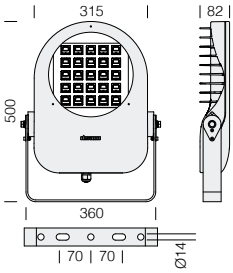
Coating: the standard powder coating consists of a first metal surface pre-treatment stage and of single layer of UV-stabilised, corrosion and salt resistant polyester powder coating. On request: coating COMPLIANT with UNI EN ISO 9227 Corrosion tests in artificial atmospheres for aggressive environments.

Standard Supply: complete with galvanised and coated bracket. With double insulation switch.
Safety diode to protect against voltage peaks compliant with EN 61547.

On request: 1-10V dimmer, dimmable from 10% to 100% (subcode **-0041**), Radar Sensor version (subcode **-19**).

LED: power factor: ≥0,9. Photobiological safety class: exempt group.

IP66IK08



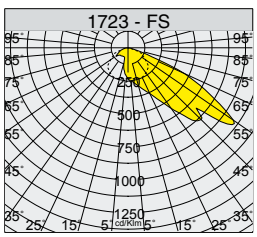
106W= 6/8kV
165W= 4/6kV
SURGE

CRI
>80

80.000h
L80B10

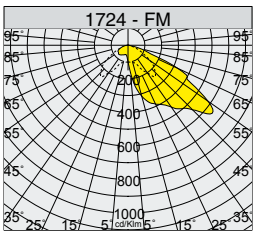
1723 Cripto Big - asymmetric - FS

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm 700mA - CRI
LED	graphite	7.50	413070-00	106	4000K - 13161lm - CRI 80
	grey 9006		413074-00		
LED	graphite	7.50	413070-39	106	3000K - 12240lm - CRI 80
	grey 9006		413074-39		
LED	graphite	8.00	413071-00	165	4000K - 20565lm - CRI 80
	grey 9006		413075-00		
LED	graphite	8.00	413071-39	165	3000K - 19125lm - CRI 80
	grey 9006		413075-39		



1724 Cripto Big - asymmetric - FM

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	couleur	weight	code	W tot	K - ølm 700mA - CRI
LED	graphite	7.50	413080-00	106	4000K - 13724lm - CRI 80
	grey 9006		413084-00		
LED	graphite	7.50	413080-39	106	3000K - 12763lm - CRI 80
	grey 9006		413084-39		
LED	graphite	8.00	413081-00	165	4000K - 21444lm - CRI 80
	grey 9006		413085-00		
LED	graphite	8.00	413081-39	165	3000K - 19943lm - CRI 80
	grey 9006		413085-39		



Sicura

Housing: complete with graphite aluminium frame with die-cast aluminium end caps.

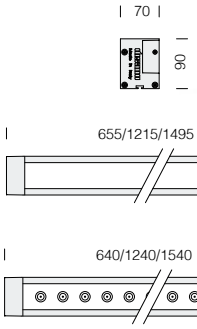
Diffuser: 8 mm clear and tempered glass, resistant to thermal shock.

Coating: the standard powder coating consists of a first metal surface pre-treatment stage and of single layer of UV-stabilised, corrosion and salt resistant polyester powder coating.

Equipment: complete with electrical cable (1mt) for mains connection.

LED: power factor: ≥0,9. Photobiological safety class: exempt group.

IP66IK08

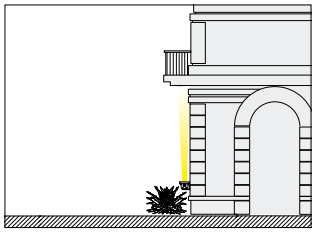


CRI ≥70

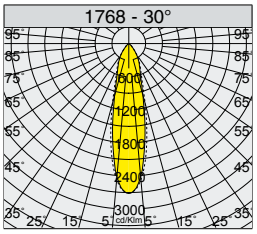
CRI ≥80

50.000h L80B20

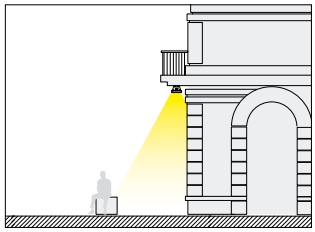
1768 Sicura FS - symmetric



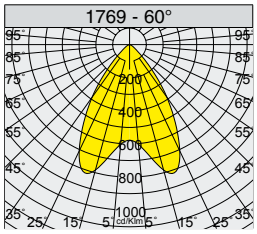
			CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	L	weight	code	W tot	K - ølm - CRI - degrees
LED	grey	655	2.90	414242-00	22	4000K - 2931lm - CRI≥80 - 30°
				414242-39		3000K - 2726lm - CRI≥80 - 30°
LED	grey	1215	5.60	414243-00	43	4000K - 5865lm - CRI≥80 - 30°
				414243-39		3000K - 5454lm - CRI≥80 - 30°
LED	grey	1495	6.60	414244-00	54	4000K - 7329lm - CRI≥80 - 30°
				414244-39		3000K - 6816lm - CRI≥80 - 30°



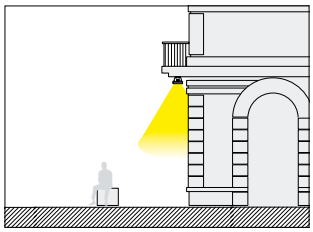
1769 Sicura FL - symmetric



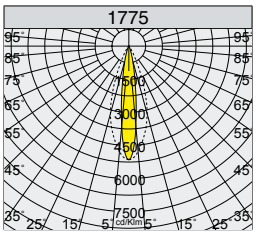
			CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	L	weight	code	W tot	K - ølm - CRI - degrees
LED	grey	655	2.90	414262-00	22	4000K - 3136lm - CRI≥80 - 60°
				414262-39		3000K - 2916lm - CRI≥80 - 60°
LED	grey	1215	5.60	414263-00	43	4000K - 6272lm - CRI≥80 - 60°
				414263-39		3000K - 5833lm - CRI≥80 - 60°
LED	grey	1495	6.60	414264-00	54	4000K - 7840lm - CRI≥80 - 60°
				414264-39		3000K - 7291lm - CRI≥80 - 60°

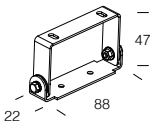


1775 Sicura - elliptic



			CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	L	weight	code	W tot	K - ølm - CRI
LED	grey	640	2.90	414236-00	31	4000K - 3148lm - CRI≥70
				414236-39		3000K - 2928lm - CRI≥70
LED	grey	1240	5.60	414237-00	61	4000K - 6297lm - CRI≥70
				414237-39		3000K - 5856lm - CRI≥70
LED	grey	1540	6.60	414238-00	77	4000K - 8096lm - CRI≥70
				414238-39		3000K - 7529lm - CRI≥70

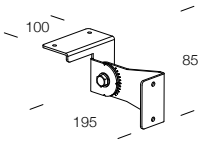




acc. 535 adjustable connection

grey	993970-00

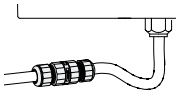
For direct ceiling installation. Capacity: 6 Kg. **2 for pack.**



acc. 537 adjustable connection

galvanized	993974-00

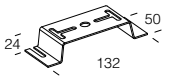
To install Sicura on walls or ceiling. To be used for continuous lines. **2 for pack.**



acc. 339 connector

993836-00

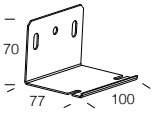
To be used for mains connection.



acc. 376 ceiling moun. unit

galvanized	145151-00

For direct ceiling installation. Only for equipment with direct light. **2 for pack.**

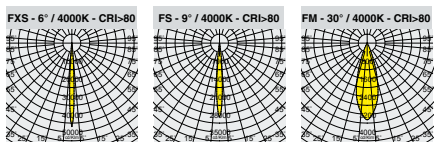


acc. 536 bracket

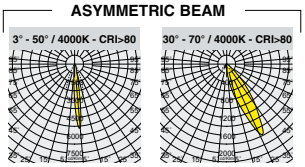
grey	993972-00

To install Sicura permanently on walls. **2 for pack.**

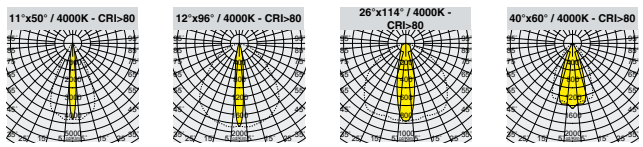
SYMMETRIC BEAM



ASYMMETRIC BEAM



ELLIPTIC BEAM



Brick

Housing: in die-cast aluminium.

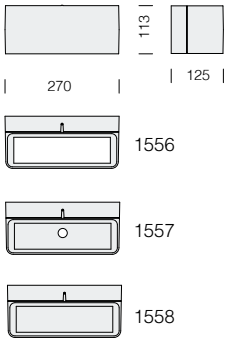
Diffuser: in tempered glass, 4 mm thick, thermal shock and impact resistant.

Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating.

Standard supply: supplied with plate for wall installation and cable with with IP67 airtight connector for mains connection.

LED: power factor: ≥0,9. Photobiological safety class: exempt group.

IP65IK07



1556

1558

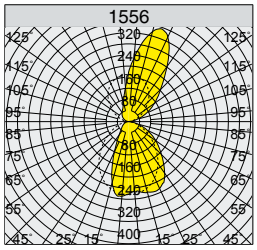
1557

CRI >80

50.000h L80B20

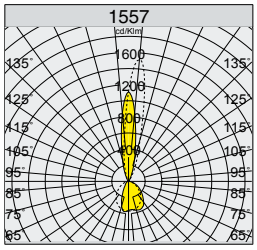
1556 Brick - direct/indirect light

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm 500mA - CRI
LED	grey 9007	1.00	420600-68	19	4000K - 1541lm - CRI>80
	white		420601-68		
	graphite		420602-68		
LED	grey 9007	1.00	420600-00	19	3000K - 1440lm - CRI>80
	white		420601-00		
	graphite		420602-00		



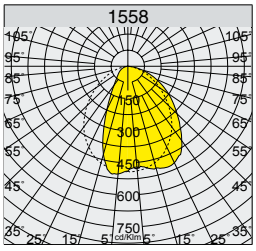
1557 Brick - direct/indirect light with narrow beam

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm 500mA - CRI
LED	grey 9007	1.00	420610-68	11	4000K - 952lm - CRI>80
	white		420611-68		
	graphite		420612-68		
LED	grey 9007	1.00	420610-00	11	3000K - 890lm - CRI>80
	white		420611-00		
	graphite		420612-00		

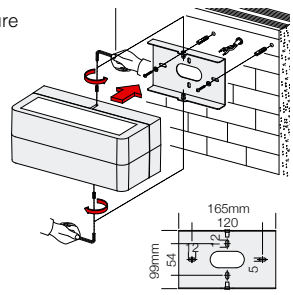


1558 Brick - direct light

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm 500mA - CRI
LED	grey 9007	1.00	420620-68	10	4000K - 781lm - CRI>80
	white		420621-68		
	graphite		420622-68		
LED	grey 9007	1.00	420620-00	10	3000K - 730lm - CRI>80
	white		420621-00		
	graphite		420622-00		



Mounting: rapid connection, the fixture does not need to be opened.

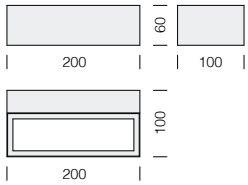


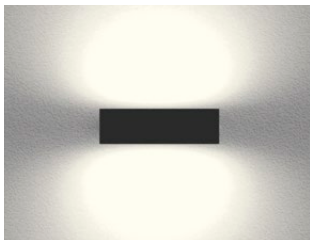
Tile is a wall sconce with a linear design and compact dimensions, which includes a special reflector to achieve wall washing lighting effects. Its high degree of protection (IP65) makes it ideal for indoor and outdoor lighting applications.
Housing: in painted aluminium with matt glass diffuser, designed for wall-mounting.
LED: power factor: >0,9. Photobiological safety class: exempt group.

Vertical Line is a wall sconce with a linear and compact dimensions; Its design allows obtaining a soft, evenly distributed glow for direct or indirect lighting.
Housing: in painted aluminium with glass diffuser, designed for wall-mounting.
LED: power factor: >0,9. Photobiological safety class: exempt group.

Flat is a wall sconce with an ultra-slim design. With very small dimensions, it can be easily fitted into any architectural context, while its high degree of protection (IP65) makes it ideal for indoor and outdoor lighting applications.
Housing: in painted aluminium, wallwasher lens version in clear polycarbonate and diffuser version in matt polycarbonate, designed for wall-mounting.
LED: power factor: >0,9. Photobiological safety class: exempt group.

IP65 IK06



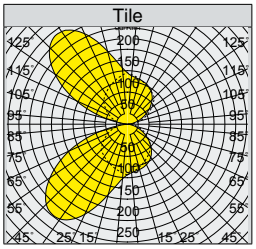


CRI >80

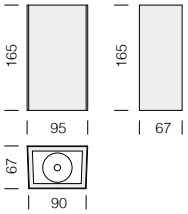
50.000h L80B50

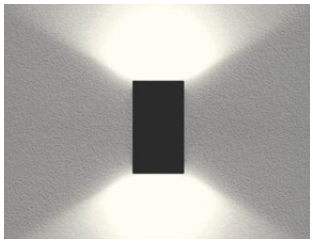
Tile - WALLWASHER

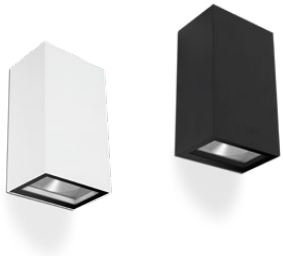
		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
COB	black	0,85	220**36730**-00	**10**	3000K - 670lm - CRI>80



IP65 IK06





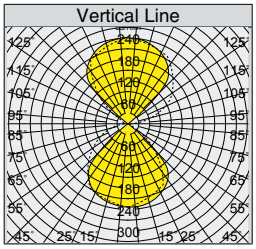


CRI >80

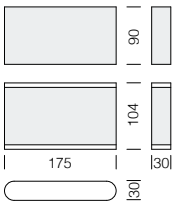
50.000h L80B50

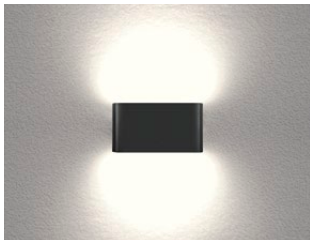
Vertical Line

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
COB	white	0,75	220**36910**-00	**10**	3000K - 940lm - CRI>80
	black		220**36930**-00		



IP65 IK08





CRI >80

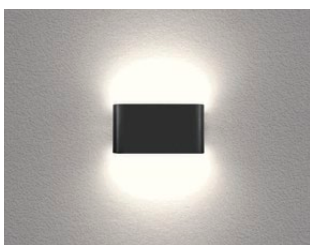
50.000h L80B50

Flat 1 - with WALLWASHER lens

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
SMD	black	0,70	220**36530**-00	**10**	3000K - 940lm - CRI>80

Flat 2 - with diffuser

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
SMD	black	0,70	220**36630**-00	**10**	3000K - 730lm - CRI>80



Lucerna

Technical Specifications: housing, lid, spokes, and connection for die-cast aluminium pressed poles.

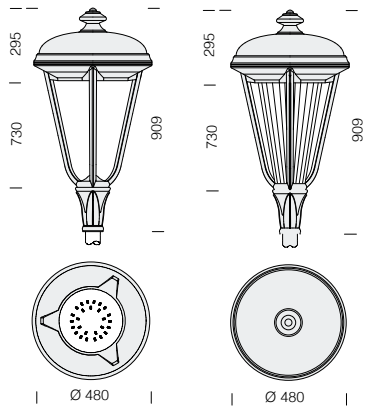
Diffuser: tempered glass, 5 mm thick, withstands thermal shock and impacts.

Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating.

Equipment: nylon wiring plate, 30% fibre glass, removable, tool-free, for quick maintenance. Standard knife switch, which enables to automatically cut off the power supply during maintenance. Complete with quick-connector for connection to the line. Can be adjusted by loosening the bolts without taking the lighting fixture apart. Temperature control device. In the event of an unexpected LED temperature rise caused by particular weather conditions or a LED failure, the system will reduce the luminous flux to lower the working temperature and guarantee proper operation.

LED: power factor: ≥0,9. Photobiological safety class: exempt group.

IP66IK08



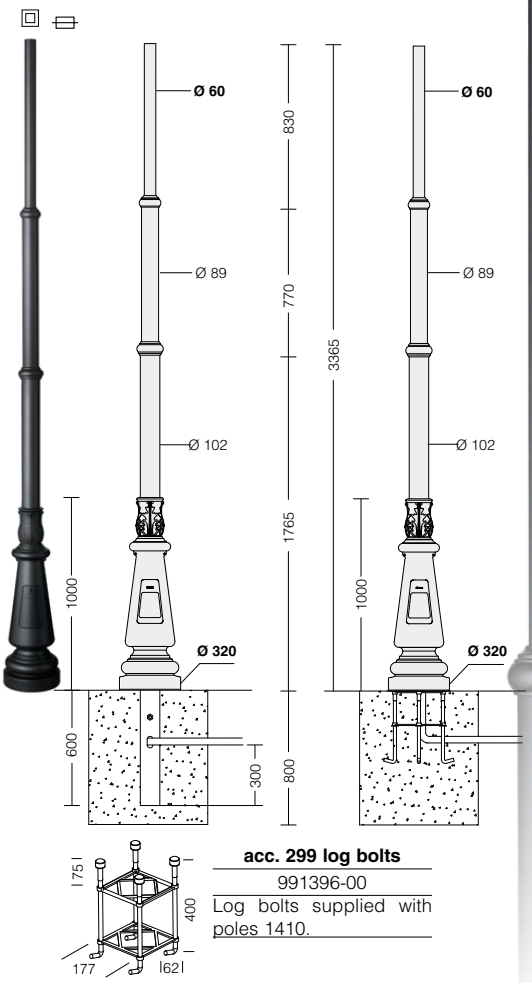
3212 3214

27W-28W
= 6/10kW
SURGE

CRI
>70

100.000h
L80B10

ADVANCED PROG



acc. 299 log bolts

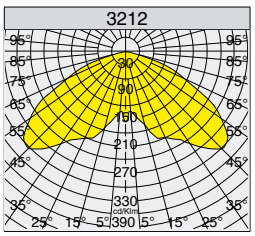
991396-00

Log bolts supplied with poles 1410.

3212 Lucerna R

	CLD PROG			LUMEN OUTPUT (tq= 25 °C)
colour	weight	code	W tot	K - ølm 350mA - CRI
anthracite	12.35	326970-00	27	4000K - 3390lm - CRI>70
		326970-39		3000K - 3153lm - CRI>70

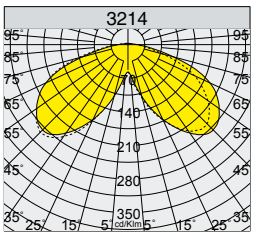
Integrated **ADVANCED PROG functions** (see table on p. 9).



3214 Lucerna R

	CLD PROG			LUMEN OUTPUT (tq= 25 °C)
colour	weight	code	W tot	K - ølm 350mA - CRI
anthracite	12.35	326985-00	28	4000K - 2626lm - CRI>70

Integrated **ADVANCED PROG functions** (see table on p. 9).



acc. 1411 - Lucerna pole to be buried

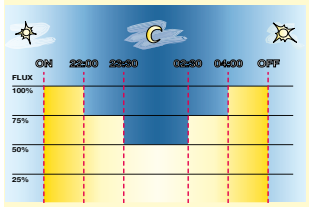
colour	code								
anthracite	425230-00	3965	3365	600	300	320	60	**Ø 320**	Ø 60

acc. 1410 - Lucerna pole with base

colour	code							
anthracite	425220-00	3365	300	320	60	**Ø 320**	Ø 60	Ø 300

VIRTUAL MIDNIGHT

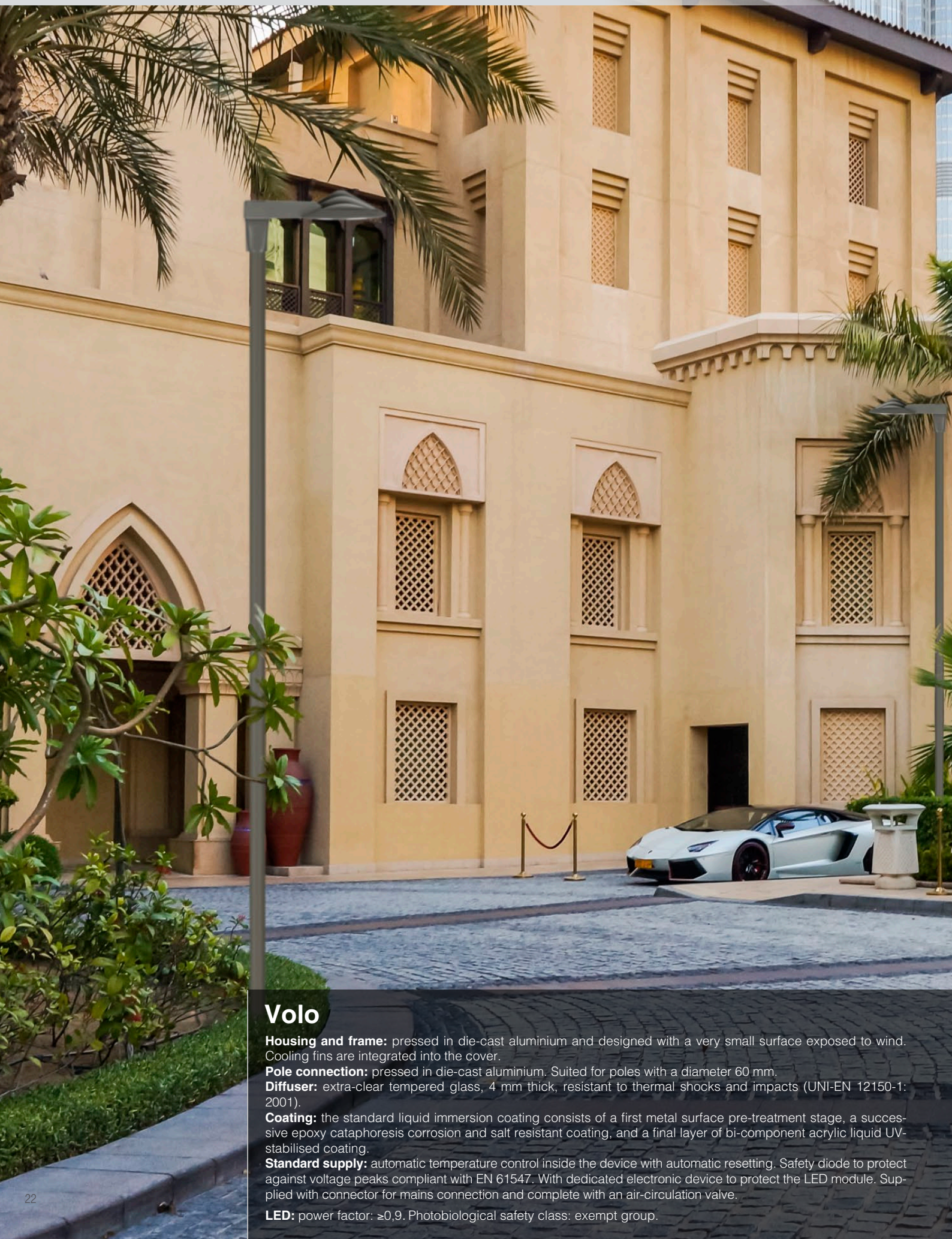
To increase energy savings at night when there are fewer people and vehicles around, a lighting fixture can be programmed according to a specific profile (customizable on request). The fixture reduces its luminous flux through a self-learning process which, depending on the previous switching on and off times, will determine a hypothetical "virtual midnight". This is the average value between the time the fixture is switched on (sunset) and switched off (sunrise). The "virtual midnight" is the reference point for dimming lights according to the desired profile. The device is integrated in the LED driver and therefore does not require any modification to the system. *In order for the system to function correctly, the system must be adjusted by a device that turns the system on and off on a regular basis every day.*



Factory settings	
Time	**Flux**
on ÷ 22:00	100%
22:00 ÷ 23:30	75%
23:30 ÷ 02:30	50%
02:30 ÷ 04:00	75%
04:00 ÷ off	100%

Virtual Midnight subcode -30: fixtures are equipped with a device to reduce flux in **4 steps** based on the calculation of the virtual midnight.

ATTENTION: *original settings and time slots for the "virtual midnight" value can be customized in up to 8 steps upon request.*

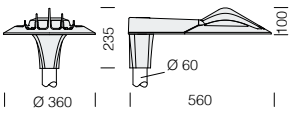


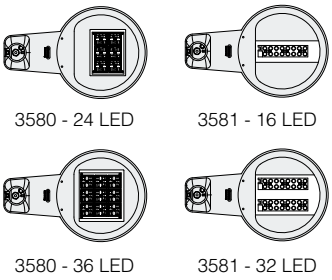
Volo

Housing and frame: pressed in die-cast aluminium and designed with a very small surface exposed to wind. Cooling fins are integrated into the cover.
Pole connection: pressed in die-cast aluminium. Suited for poles with a diameter 60 mm.
Diffuser: extra-clear tempered glass, 4 mm thick, resistant to thermal shocks and impacts (UNI-EN 12150-1: 2001).
Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating.
Standard supply: automatic temperature control inside the device with automatic resetting. Safety diode to protect against voltage peaks compliant with EN 61547. With dedicated electronic device to protect the LED module. Supplied with connector for mains connection and complete with an air-circulation valve.

LED: power factor: ≥0,9. Photobiological safety class: exempt group.

IP66IK09 ⧈ Registered Design **DM/100271**





27W-35W-45W-69W = 6/10kW SURGE

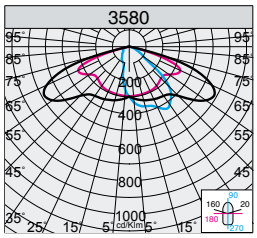
CRI >70

Available in:
- two-colour version (anthracite - graphite)
- pearl colour (for codes see website)

3580 Volo - residential amenities - high performance

		CLD PROG			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
LED	graphite	6.00	424600-2168	**27**	4000K - 4346lm - CRI>70
			424600-3968		3000K - 4115lm - CRI>70
LED	graphite	6.50	424602-2168	**45**	4000K - 7412lm - CRI>70
			424602-3968		3000K - 7019lm - CRI>70

Integrated **ADVANCED PROG functions** (see table on p. 9).



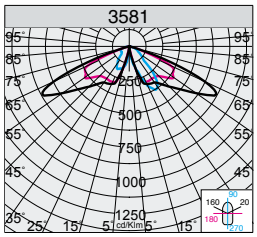
80.000h L80B20

ADVANCED PROG

3581 Volo - cycleways + residential amenities

		CLD PROG			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
LED	graphite	6.00	424610-2168	**35**	4000K - 4411lm - CRI>70
			424610-3968		3000K - 4177lm - CRI>70
LED	graphite	6.20	424612-2168	**69**	4000K - 8970lm - CRI>70
			424612-3968		3000K - 8494lm - CRI>70

Integrated **ADVANCED PROG functions** (see table on p. 9).



100.000h L80B10

ADVANCED PROG

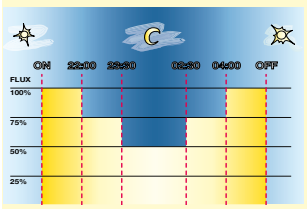
LUMINAIRE DESIGNED FOR INSTALLATION ON NEMA OR ZHAGA SOCKET: to monitor and manage public lighting centrally, lighting fixtures will always be more equipped with wireless controls that will allow their integration with the IoT. Today the market offers two solutions: **NEMA and ZHAGA**. Both solutions offer an electrical and mechanical connection between the control antenna and the lighting fixture.

Example with Zhaga Socket (subcode -0054)

Nema Socket order with **subcode -40** (sealing cap to be ordered separately)	**Zhaga Socket** order with **subcode -0054** (complete with sealing cap)
Mounted directly on the fixture's body, ideal for remote lighting management applications.	

VIRTUAL MIDNIGHT

To increase energy savings at night when there are fewer people and vehicles around, a lighting fixture can be programmed according to a specific profile (customizable on request). The fixture reduces its luminous flux through a self-learning process which, depending on the previous switching on and off times, will determine a hypothetical "virtual midnight". This is the average value between the time the fixture is switched on (sunset) and switched off (sunrise). The "virtual midnight" is the reference point for dimming lights according to the desired profile. The device is integrated in the LED driver and therefore does not require any modification to the system. *In order for the system to function correctly, the system must be adjusted by a device that turns the system on and off on a regular basis every day.*



Factory settings	
Time	**Flux**
on ÷ 22:00	100%
22:00 ÷ 23:30	75%
23:30 ÷ 02:30	50%
02:30 ÷ 04:00	75%
04:00 ÷ off	100%

Virtual Midnight subcode -30: fixtures are equipped with a device to reduce flux in **4 steps** based on the calculation of the virtual midnight.

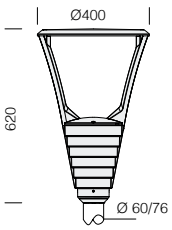
ATTENTION: *original settings and time slots for the "virtual midnight" value can be customized in up to 8 steps upon request.*

Garda

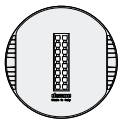
Housing and arms: pressed in die-cast aluminium and designed with a very small surface exposed to wind.
Optics: made of PMMA with high temperature resistance and UV rays.
Pole connection: pressed in die-cast aluminium. Suited for poles with a diameter 60-76mm.
Diffuser: extra-clear tempered glass, 4 mm thick, resistant to thermal shocks and impacts (UNI-EN 12150-1: 2001).
Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating.
Equipment: nylon wiring plate 30% fibre glass complete with connector for mains connection and for LED module. Automatic temperature control inside the device with automatic resetting. With dedicated electronic device to protect the LED module. Equipped with an air-circulation valve.
LED: power factor: ≥0,9. Photobiological safety class: exempt group.

Garda

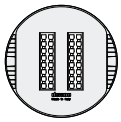
IP66IK09



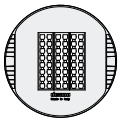
3351
3353
3350
16 LED

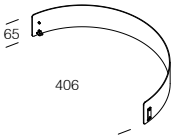


3351
3353
3350
32 LED



3350
48 LED





acc. 109 anti-glare shield

anthracite	991312-00

To prevent glare effects. To be fitted when Garda is installed near a window.

18W-31W-35W
65W-66W-41W
= 6/10kW
SURGE

CRI
>70

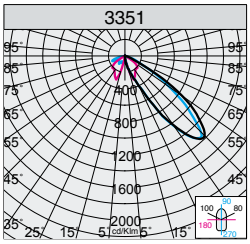
100.000h
L80B10

BASIC PROG

3351 Garda 2 - asymmetric

		CLD BASIC			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
LED	anthracite	5.70	330520-00	**35**	4000K - 3773lm - CRI>70
			330520-39		3000K - 3508lm - CRI>70
LED	anthracite	5.90	330521-00	**66**	4000K - 7275lm - CRI>70
			330521-39		3000K - 6765lm - CRI>70

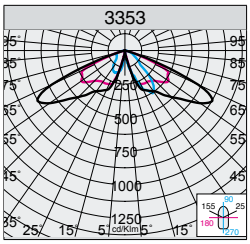
Upon request: possibility to choose different lighting point management systems (see table on p. 9).



3353 Garda 4 - cycleways + residential amenities

		CLD BASIC			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
LED	anthracite	5.70	330540-00	**35**	4000K - 3525lm - CRI>70
			330540-39		3000K - 3278lm - CRI>70
LED	anthracite	5.90	330541-00	**65**	4000K - 6887lm - CRI>70
			330541-39		3000K - 6404lm - CRI>70

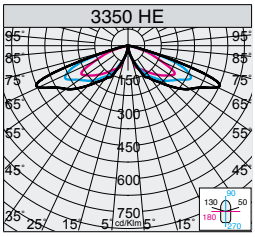
Upon request: possibility to choose different lighting point management systems (see table on p. 9).



3350 Garda 1 HE - wide beam

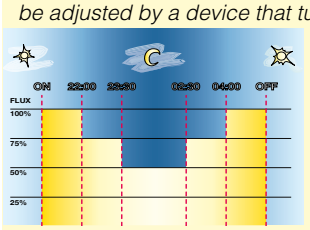
		CLD BASIC			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
LED	anthracite	5.70	330512-00	**18**	4000K - 1823lm - CRI>70
			330512-39		3000K - 1695lm - CRI>70
LED	anthracite	5.90	330513-00	**31**	4000K - 3463lm - CRI>70
			330513-39		3000K - 3221lm - CRI>70
LED	anthracite	5.90	330517-00	**41**	4000K - 5193lm - CRI>70
			330517-39		3000K - 4829lm - CRI>70

Upon request: possibility to choose different lighting point management systems (see table on p. 9).



VIRTUAL MIDNIGHT

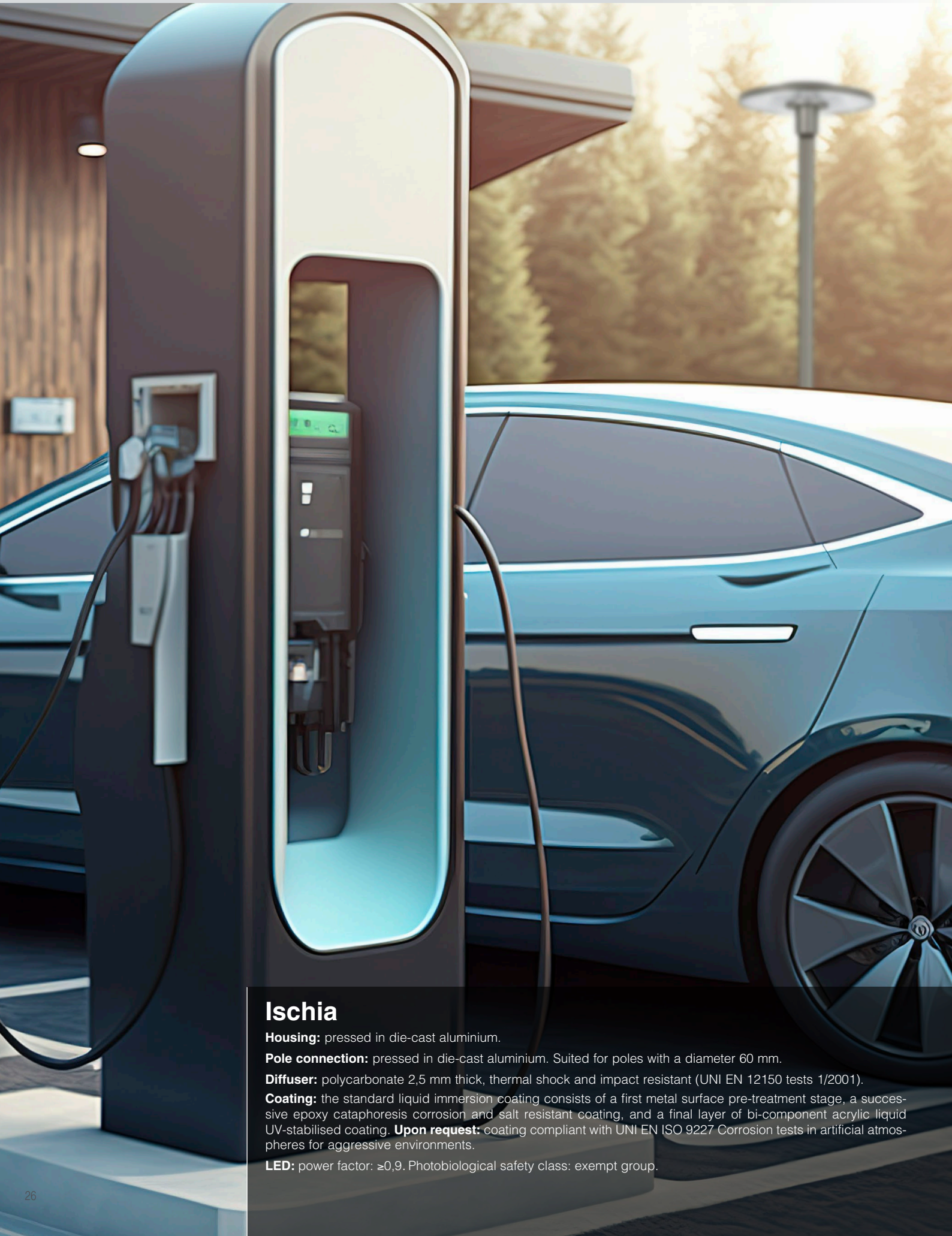
To increase energy savings at night when there are fewer people and vehicles around, a lighting fixture can be programmed according to a specific profile (customizable on request). The fixture reduces its luminous flux through a self-learning process which, depending on the previous switching on and off times, will determine a hypothetical "virtual midnight". This is the average value between the time the fixture is switched on (sunset) and switched off (sunrise). The "virtual midnight" is the reference point for dimming lights according to the desired profile. The device is integrated in the LED driver and therefore does not require any modification to the system. *In order for the system to function correctly, the system must be adjusted by a device that turns the system on and off on a regular basis every day.*



Factory settings	
Time	**Flux**
on ÷ 22:00	100%
22:00 ÷ 23:30	75%
23:30 ÷ 02:30	50%
02:30 ÷ 04:00	75%
04:00 ÷ off	100%

Virtual Midnight subcode -30: fixtures are equipped with a device to reduce flux in **4 steps** based on the calculation of the virtual midnight.

ATTENTION: *original settings and time slots for the "virtual midnight" value can be customized in up to 8 steps upon request.*



Ischia

Housing: pressed in die-cast aluminium.

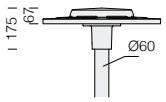
Pole connection: pressed in die-cast aluminium. Suited for poles with a diameter 60 mm.

Diffuser: polycarbonate 2,5 mm thick, thermal shock and impact resistant (UNI EN 12150 tests 1/2001).

Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating. **Upon request:** coating compliant with UNI EN ISO 9227 Corrosion tests in artificial atmospheres for aggressive environments.

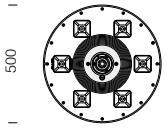
LED: power factor: ≥0,9. Photobiological safety class: exempt group.

IP66IK10



Registered Design
DM/100271

3590



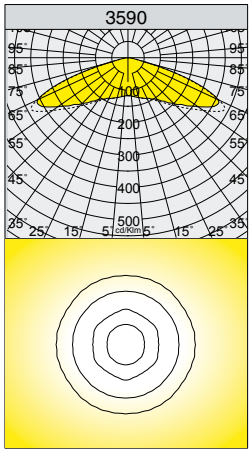
3591

35W-44W-48W
= 6/10kW
SURGE

3590 Ischia - rotosymmetric

		CLD BASIC			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
LED	graphite	4.50	424660-00	**35**	4000K - 4624lm - CRI>70
			424660-39		3000K - 4393lm - CRI>70
LED	graphite	4.50	424661-00	**48**	4000K - 5874lm - CRI>70
			424661-39		3000K - 5580lm - CRI>70

Upon request: possibility to choose different lighting point management systems (see table on p. 9).



CRI >70

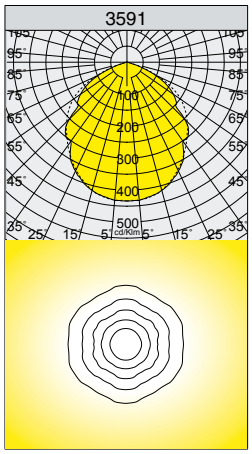
80.000h L80B20

BASIC PROG

3591 Ischia - COB rotosymmetric

		CLD BASIC			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
COB	graphite	4.50	424670-00	**44**	4000K - 5877lm - CRI>80
			424671-00		3000K - 5469lm - CRI>80
COB AMBER			424670-73		2200K - 5172lm - **AMBER**

Upon request: possibility to choose different lighting point management systems (see table on p. 9).



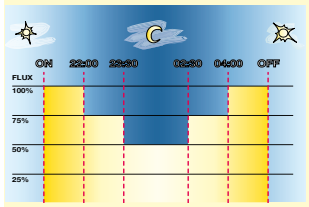
CRI >80

50.000h L80B20

BASIC PROG

VIRTUAL MIDNIGHT

To increase energy savings at night when there are fewer people and vehicles around, a lighting fixture can be programmed according to a specific profile (customizable on request). The fixture reduces its luminous flux through a self-learning process which, depending on the previous switching on and off times, will determine a hypothetical “virtual midnight”. This is the average value between the time the fixture is switched on (sunset) and switched off (sunrise). The “virtual midnight” is the reference point for dimming lights according to the desired profile. The device is integrated in the LED driver and therefore does not require any modification to the system. *In order for the system to function correctly, the system must be adjusted by a device that turns the system on and off on a regular basis every day.*



Factory settings	
Time	**Flux**
on ÷ 22:00	100%
22:00 ÷ 23:30	75%
23:30 ÷ 02:30	50%
02:30 ÷ 04:00	75%
04:00 ÷ off	100%

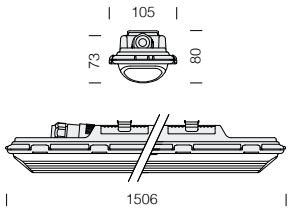
Virtual Midnight subcode -30: fixtures are equipped with a device to reduce flux in **4 steps** based on the calculation of the virtual midnight.

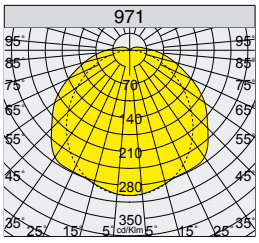
ATTENTION: *original settings and time slots for the “virtual midnight” value can be customized in up to 8 steps upon request.*

CRI >80

120.000h L80B20

IP66IK08

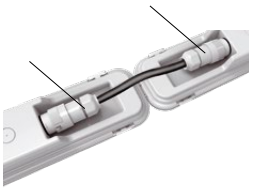




971 Ottima

	CLD		CLD-E	CLD D-DALI		LUMEN OUTPUT (tq= 25 °C)
colour	weight	code	code	code	W tot	K - ølm - CRI
gris	2,00	164770-00	164770-07	164770-0041	**25**	4000K - 4302lm - CRI>80
		164777-00	164777-07	164777-0041	**34**	4000K - 6300lm - CRI>80
		164771-00	164771-07	164771-0041	**39**	4000K - 7400lm - CRI>80
		164772-00	164772-07	164772-0041	**48**	4000K - 8438lm - CRI>80
		164773-00	164773-07	164773-0041	**53**	4000K - 9017lm - CRI>80
		*164774-00	164774-07	164774-0041	**57**	4000K - 9555lm - CRI>80
		*164775-00	164775-07	164775-0041	**61**	4000K - 10041lm - CRI>80
		*164776-00	164776-07	164776-0041	**65**	4000K - 10600lm - CRI>80

***57-61-65W** = luminous flux maintenance 80%: 100.000h (L80B20).



acc. 371 quick connector plug	
grey	998041-00
acc. 372 quick connector socket	
grey	998042-00

Always to be used for continuous line with wire. Cable gland with inlet cable 16A min. ø 9 max ø12 mm. **10 per pack.**

Ottima

Housing: injection moulded, in grey polycarbonate, shatter-proof, UV-stabilised, highly resistant to mechanical impacts thanks to the reinforced structure with internal ribbing.

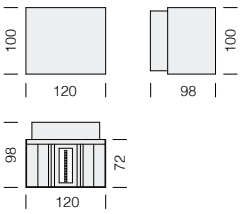
Diffuser: transparent polycarbonate injection-moulded diffuser with grooves and internal opaque satin finish for greater lighting diffusion, V2 self-extinguished, UV stabilised, outer smooth finish for easy cleaning and to maximize lighting efficiency. Closure with clamps and stainless steel safety screws.

Reflector: in galvanised steel, previously stone-enamelled with UV-stabilised polyester resin. Clamping device manufactured directly onto the housing.

Standard supply: eco-friendly and anti-aging expanded polyurethane injected gasket. The fixing brackets for ceiling and suspension mounting are in stainless steel. Socket-plug connector. The fixture is secured to the fixing brackets through quick connectors.

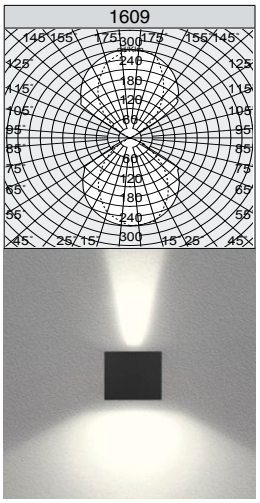
LED: power factor: ≥0,95. Photobiological safety class: exempt group.

IP65 IK06

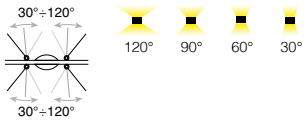


Hecto - adjustable

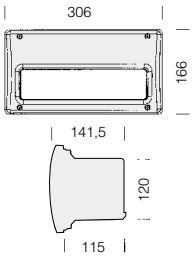
		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
SMD	black	0,70	220**36830**-00	**10**	3000K - 830lm - CRI>80



Direct and indirect beam angles (30°÷120°) can be selected by means of the integrated dimming fins.



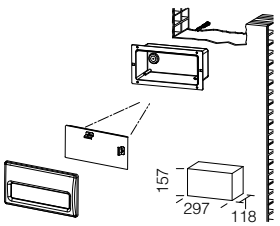
IP66IK08 ⧈

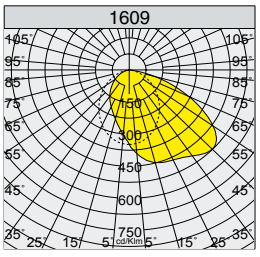


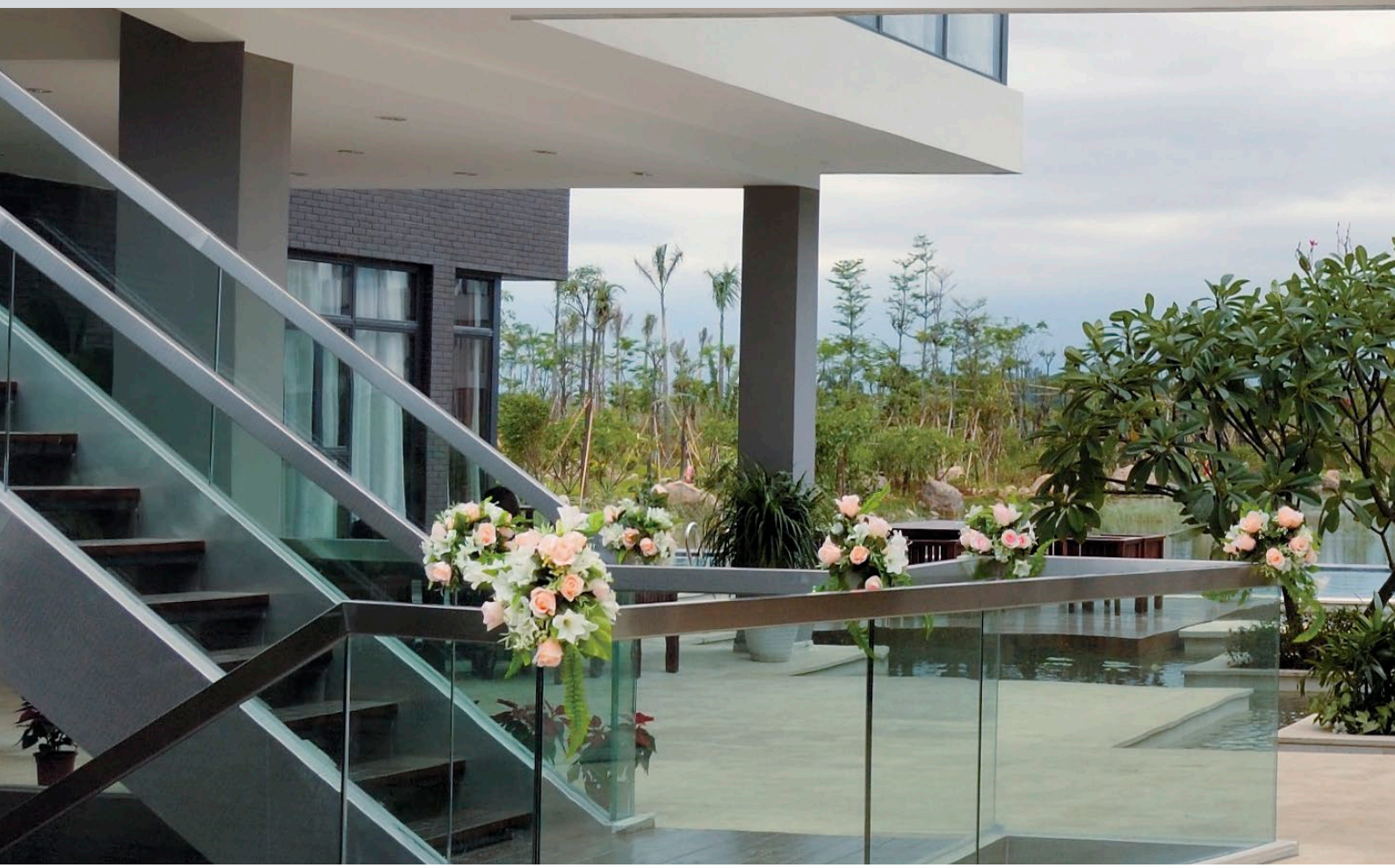
1609 Box 1 - asymmetric screen eyelid

	CLD			LED (tj= 25 °C)
colour	weight	code	W	K - ølm 116mA - CRI
inox	1.70	431770-00	**4,5**	4000K - 480lm - CRI>80

Recessed installation example





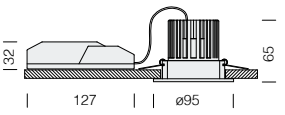


50.000h
L80B20

Snow 1

DRIVER IP20
min Ø 76
max Ø 92
BOX IP65
min Ø 84
max Ø 92

IP65 IK07

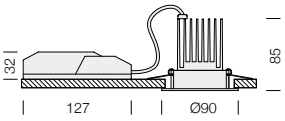


Snow 1

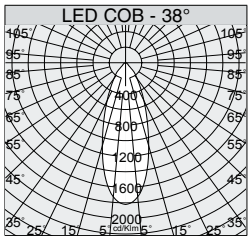
Snow 3

min Ø 70
max Ø 85

v.a. IP40 IK07
v.l. IP65 IK07



Snow 3



CRI >90

Snow 1

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,30	220**82610-68**	**12**	4000K - 1145lm - **CRI>90** - 38°
	silver		220**82670-68**		
COB	white	0,30	220**82610**-00	**12**	3000K - 1070lm - **CRI>90** - 38°
	silver		220**82670**-00		

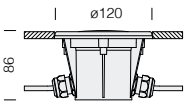
Equipped with cable L=1,5m , cable gland and steel screws with special anticorrosion treatment.

CRI 92

Snow 3

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,30	220**82614**-00	**10**	4000K - 990lm - **CRI 92** - 38°
	black		220**82634**-00		
	chrome		220**82664**-00		
COB	white	0,30	220**82613**-00	**10**	3000K - 957lm - **CRI 92** - 38°
	black		220**82633**-00		
	chrome		220**82663**-00		

IP67 IK08



1661

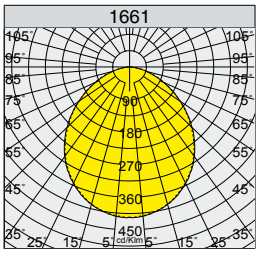
1670

CRI >80

50.000h L70B50

1661 Microfloor - LED 230V

		CLD		temperature and load					LED (tj= 25 °C)
230V	colour	weight	code	Max T. on glass ta 25°	max kg load	can be walked on	can bear vehicle loads	W	K - ølm 230V
LED	s. steel	0.40	530816-00	30°	2000	OK	OK	**1**	4000K - 80lm - CR>80

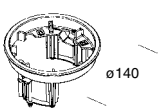


1670 Microfloor - LED - 230V

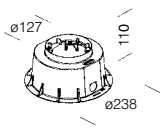
		CLD S+L		temperature and load					LED (tj= 25 °C)
230V	colour	weight	code	Max T. on glass ta 25°	max load kg	can be walked on	can bear vehicle loads	W	K - lm - degrees - CRI
COB GU10	s. steel	0.40	530710-00	35°	2.000	OK	OK	**6**	3000K - 600lm - 38° - CRI 80

Operating voltage 220-240V/50-60HZ, not require power supplies.

acc. 314 - chassis
993926-00
To install Microfloor on the wall.



acc. 313 - outer shell
993925-00
To install Microfloor into the ground.



Mini Ischia

Housing: pressed in die-cast aluminium.

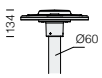
Pole connection: pressed in die-cast aluminium. Suited for poles with a diameter 60 mm.

Diffuser: polycarbonate 2,5 mm thick, thermal shock and impact resistant (UNI-EN 12150-1: 2001).

Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating. **Upon request:** coating for marine environments (seafront) in compliance with UNI EN ISO 9227.

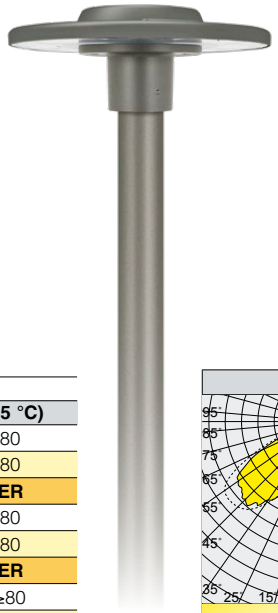
LED: Power factor ≥0,9. Photobiological safety class: exempt group.

IP66IK10



3691

3692
3696



4W=6/10kV
6,5W=6/10kV
11W=6/10kV
15W=6/10kV
SURGE

LOW FLICKER

RG0

+50 C° -30

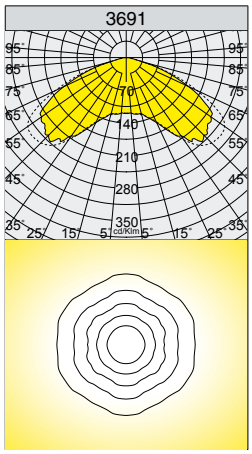
100.000h L80B10

CRI ≥80

3691 Mini Ischia - rotosymmetric medium beam RM

LED	colour	weight	code	W tot	K - ølm - CRI
		CLD BASIC			LUMEN OUTPUT (tq= 25 °C)
LED	graphite	2.50	424770-00-0110-RM	**4**	4000K - 472lm - CRI≥80
			424770-39-0110-RM		3000K - 440lm - CRI≥80
LED AMBER			424770-73-0110-RM		2200K - 340lm - **AMBER**
LED	graphite	2.50	424771-00-0220-RM	**6,5**	4000K - 800lm - CRI≥80
			424771-39-0220-RM		3000K - 744lm - CRI≥80
LED AMBER			424771-73-0220-RM		2200K - 680lm - **AMBER**
LED	graphite	2.50	424772-00-0440-RM	**11**	4000K - 1500lm - CRI≥80
			424772-39-0440-RM		3000K - 1395lm - CRI≥80
LED AMBER			424772-73-0440-RM		2200K - 1275lm - **AMBER**
LED	graphite	2.50	424773-00-0280-RM	**15**	4000K - 2000lm - CRI≥80
			424773-39-0280-RM		3000K - 1660lm - CRI≥80
LED AMBER			424773-73-0280-RM		2200K - 1700lm - **AMBER**

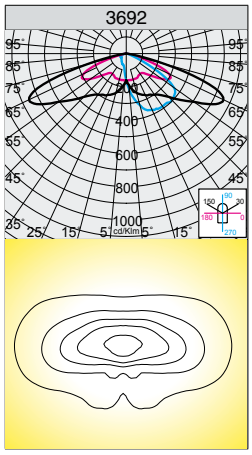
Upon request: possibility to choose different lighting point management systems.



3692 Mini Ischia - cycle-pedestrian asymmetric CA

LED	colour	weight	code	W tot	K - ølm - CRI
		CLD BASIC			LUMEN OUTPUT (tq= 25 °C)
LED	graphite	2.50	424780-00-0110-CA	**4**	4000K - 472lm - CRI≥80
			424780-39-0110-CA		3000K - 440lm - CRI≥80
LED AMBER			424780-73-0110-CA		2200K - 340lm - **AMBER**
LED	graphite	2.50	424781-00-0220-CA	**6,5**	4000K - 800lm - CRI≥80
			424781-39-0220-CA		3000K - 744lm - CRI≥80
LED AMBER			424781-73-0220-CA		2200K - 680lm - **AMBER**
LED	graphite	2.50	424782-00-0440-CA	**11**	4000K - 1500lm - CRI≥80
			424782-39-0440-CA		3000K - 1395lm - CRI≥80
LED AMBER			424782-73-0440-CA		2200K - 1275lm - **AMBER**
LED	graphite	2.50	424783-00-0280-CA	**15**	4000K - 2000lm - CRI≥80
			424783-39-0280-CA		3000K - 1660lm - CRI≥80
LED AMBER			424783-73-0280-CA		2200K - 1700lm - **AMBER**

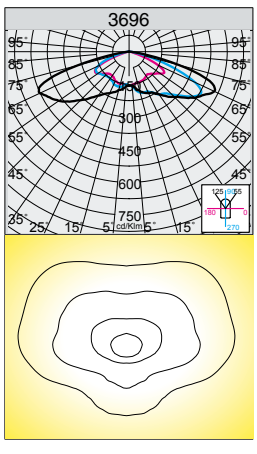
Upon request: possibility to choose different lighting point management systems.



3696 Mini Ischia - asymmetric wide beam AW

LED	colour	weight	code	W tot	K - ølm - CRI
		CLD BASIC			LUMEN OUTPUT (tq= 25 °C)
LED	graphite	2.50	424750-00-0110-AW	**4**	4000K - 472lm - CRI≥80
			424750-39-0110-AW		3000K - 440lm - CRI≥80
LED AMBER			424750-73-0110-AW		2200K - 340lm - **AMBER**
LED	graphite	2.50	424751-00-0220-AW	**6,5**	4000K - 800lm - CRI≥80
			424751-39-0220-AW		3000K - 744lm - CRI≥80
LED AMBER			424751-73-0220-AW		2200K - 680lm - **AMBER**
LED	graphite	2.50	424752-00-0440-AW	**11**	4000K - 1500lm - CRI≥80
			424752-39-0440-AW		3000K - 1395lm - CRI≥80
LED AMBER			424752-73-0440-AW		2200K - 1275lm - **AMBER**
LED	graphite	2.50	424753-00-0280-AW	**15**	4000K - 2000lm - CRI≥80
			424753-39-0280-AW		3000K - 1660lm - CRI≥80
LED AMBER			424753-73-0280-AW		2200K - 1700lm - **AMBER**

Upon request: possibility to choose different lighting point management systems.



Expo

Optical compartment housing: in die-cast aluminium.

Column: in extruded aluminium.

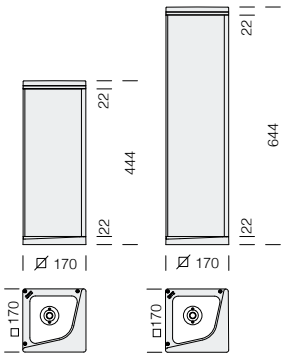
Base: in die-cast aluminium with internal reinforcement ribs.

Diffuser: wide-beam, in opal methacrylate with internal micro-prismatic surface.

Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating.

LED: power factor >0,9. Photobiological safety class: exempt group.

IP66IK09

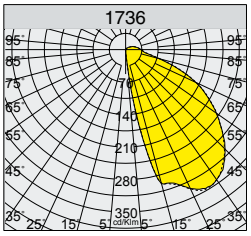


CRI 90

50.000h L70B50

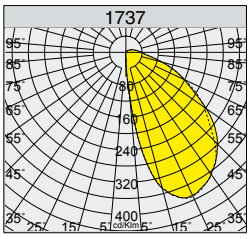
1736 Expo - short version

			CLD			LUMEN OUTPUT (tq= 25 °C)
230V	colour	h	weight	code	W tot	K - ølm 230V - CRI
LED COB	graphite	444	2.50	511121-00	10	4000K - 391lm - **CRI 90**
				511121-39		3000K - 364lm - **CRI 90**

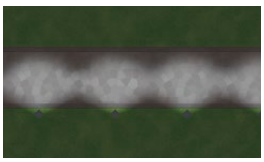
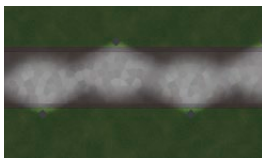


1737 Expo - tall version

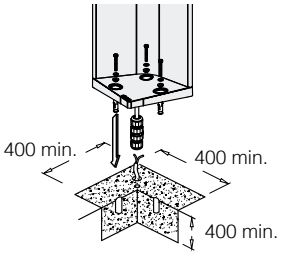
			CLD			LUMEN OUTPUT (tq= 25 °C)
230V	colour	h	weight	code	W tot	K - ølm 230V - CRI
LED COB	graphite	644	6.00	511124-00	15	4000K - 484lm - **CRI 90**
				511124-39		3000K - 450lm - **CRI 90**



Installation example

Complete with IP67 watertight connector for line connection. Easy and quick to install.



disano illuminazione

Bitta - design Lorenzo Stano

Housing: in die-cast aluminium.

Base: in die-cast aluminium.

Column: in extruded aluminium.

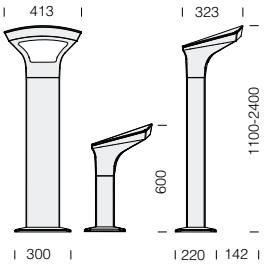
Diffuser: in opal, V2 polycarbonate, shatterproof and self-extinguishing, UV-stabilised.

Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating.

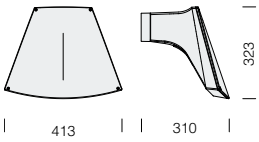
Standard supply: the column version is equipped with anchors and socket-plug connector for quick installation.

LED: power factor ≥0,9. Photobiological safety class: exempt group.

IP66IK08

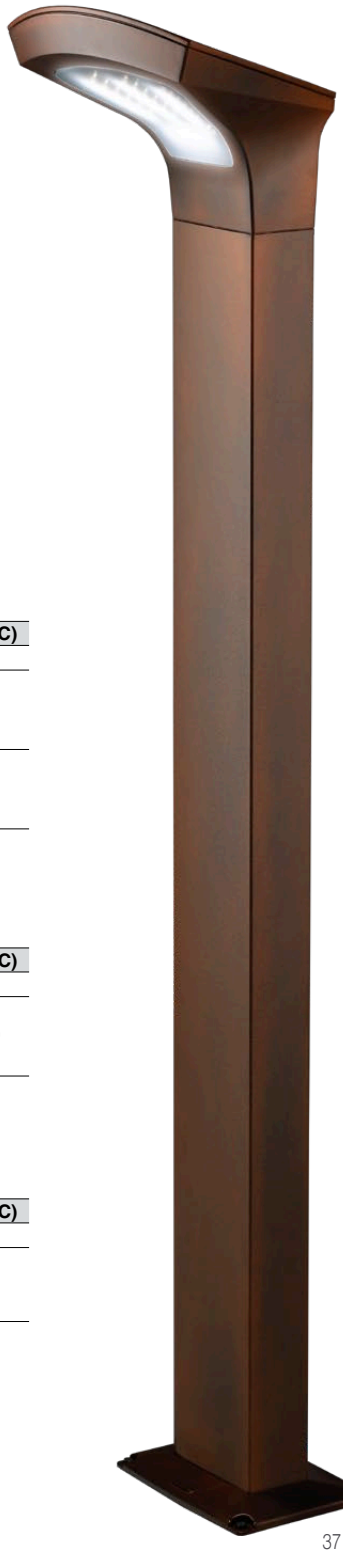


IP66IK08



CRI >80

50.000h L50B50



1840 Bitta 1

		CLD				LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	h	W tot	K - ølm 110mA - CRI
LED	grey 9007	6.20	511430-00	**600**	**11**	4000K - 549lm - CRI>80
	graphite		511432-00			
	corten		511430-2191			
LED	grey 9007	8.20	511435-00	**1100**	**11**	4000K - 549lm - CRI>80
	graphite		511436-00			
	corten		511435-2191			

1849 Bitta 3

		CLD				LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	h	W tot	K - ølm 350mA - CRI
LED	grey 9007	13.00	511443-00	**2400**	**27**	4000K - 2394lm - CRI>80
	grafite		511444-00			
	corten		511443-2191			

1841 Bitta 2 wall version

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm 110mA - CRI
LED	grey 9007	3,20	511440-00	**11**	4000K - 549lm - CRI>80
	graphite		511441-00		
	corten		511440-2191		

★ ★ ★ ★
Hotel collection
★ ★ ★ ★ ★

Reception

New iSpot Comfort	pag.	**40** **66**
Liset 2.0	pag.	**42**
Liset 2.0 “SQ”	pag.	**44**
Pathway	pag.	**46**
Mistral	pag.	**46**
Strip LED 24V	pag.	**48**
Bell DECOR LINE	pag.	**50** **56** **60**
48V DC	pag.	**52**
Venere	pag.	**54**
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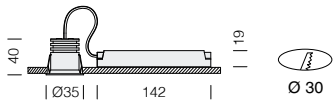
Themis IP65	pag.	**64**
Borealed	pag.	**68**
Cosmic	pag.	**70**
Pastilla Screen	pag.	**70**
Spot M	pag.	**72**

New iSpot Comfort

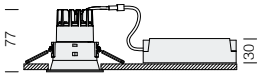
Housing: made of die-cast aluminium and polycarbonate reflector.
LED: power factor >0.9. Photobiological safety class: exempt group.

v.a. IP20 IK04
v.l. IP65 IK04



New Mini iSpot Comfort

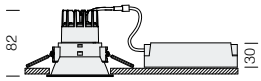
Ø 30



New iSpot Comfort 1

min Ø 65
max Ø 67

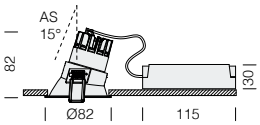
min Ø 70
max Ø 76



New iSpot Comfort 2

min Ø 75
max Ø 78

min Ø 80
max Ø 88



New iSpot Comfort 5

min Ø 75
max Ø 78

min Ø 80
max Ø 88

CRI >90

50.000h L80B20

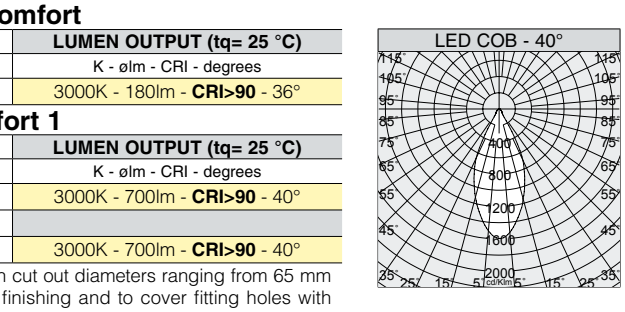
New Mini iSpot Comfort

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,15	22**168510**-00	**3**	3000K - 180lm - **CRI>90** - 36°

New iSpot Comfort 1

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,20	22**168010**-00	**8**	3000K - 700lm - **CRI>90** - 40°
		CLD D-DIG (DALI)			
COB	white	0,20	22**168010-1241**	**8**	3000K - 700lm - **CRI>90** - 40°

Universally applicable, suitable to replace downlights with cut out diameters ranging from 65 mm to 67 mm. **Supplied ring** can act as both an aesthetic finishing and to cover fitting holes with greater diameters.



New iSpot Comfort 2

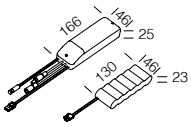
		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,20	22**168110**-00	**8**	3000K - 760lm - **CRI>90** - 40°
	black		22**168130**-00		3000K - 620lm - **CRI>90** - 40°
		CLD D-DIG (DALI)			
COB	white	0,20	22**168110-1241**	**8**	3000K - 760lm - **CRI>90** - 40°
	black		22**168130-1241**		3000K - 620lm - **CRI>90** - 40°

Universally applicable, suitable to replace downlights with cut out diameters ranging from 75 mm to 78 mm. **Supplied ring** can act as both an aesthetic finishing and to cover fitting holes with greater diameters.

New iSpot Comfort 5 - asymétrique FIXE

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,20	22**168410**-00	**8**	3000K - 760lm - **CRI>90** - 45°
	black		22**168430**-00		3000K - 620lm - **CRI>90** - 45°
		CLD D-DIG (DALI)			
COB	white	0,20	22**168410-1241**	**8**	3000K - 760lm - **CRI>90** - 45°
	black		22**168430-1241**		3000K - 620lm - **CRI>90** - 45°

Version with fixed 15° asymmetric housing. Universally applicable, suitable to replace downlights with cut out diameters ranging from 75 mm to 78 mm. **Supplied ring** can act as both an aesthetic finishing and to cover fitting holes with greater diameters.



EM power kit	
1h	220**96015**-00
3h	220**96033**-00

EM (emergency) lamp power kit complete with connectors.

Upon request: available in white/orange, black, black/orange and black/gold colour version.

finishing ring included

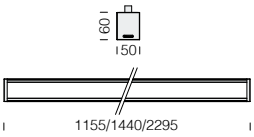
Liset 2.0

Housing: made of extruded aluminium.

Heads: in die cast aluminium.

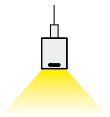
LED: power factor: ≥0,92. Photobiological safety class: exempt group.

IP40 IK07



CRI >80

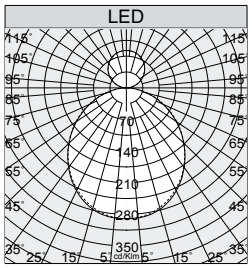
50.000h L80B20



Liset 2.0 - suspension - direct - with polycarbonate diffuser

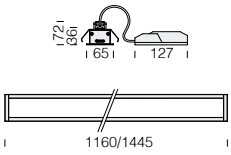
		CLD (ON-OFF)				LUMEN OUTPUT (tq= 25 °C)
LED	colour	L (mm)	weight	code	W tot	K - ølm - CRI
LED 4 modules	white	1155	2,30	22**302208**-00	**28**	4000K - 2783lm - CRI>80
	black			22**302238**-00		
LED 5 modules	white	1440	2,90	22**302209**-00	**35**	4000K - 3479lm - CRI>80
	black			22**302239**-00		
LED 8 modules	white	2295	4,50	22**302210**-00	**55**	4000K - 5566lm - CRI>80
	black			22**302230**-00		
		CLD D-DIG (DALI)				
LED 4 modules	white	1155	2,30	22**302208-1241**	**28**	4000K - 2783lm - CRI>80
	black			22**302238-1241**		
LED 5 modules	white	1440	2,90	22**302209-1241**	**35**	4000K - 3479lm - CRI>80
	black			22**302239-1241**		
LED 8 modules	white	2295	4,50	22**302210-1241**	**55**	4000K - 5566lm - CRI>80
	black			22**302230-1241**		

On request: available 3000K version with sub-code **-39.** Pass-through wiring for continuous line mounting with subcode **-0072.**



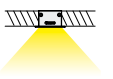
v.a. IP20 IK07
v.l. IP40 IK07

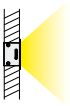
55 x 1150
55 x 1435



CRI >80

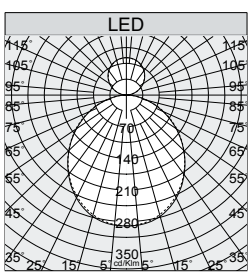
50.000h L80B20





Liset 2.0 - recessed - with polycarbonate diffuser

		CLD (ON-OFF)				LUMEN OUTPUT (tq= 25 °C)
LED	colour	L (mm)	weight	code	W tot	K - ølm - CRI
LED 4 modules	white	1160	1,50	22**302201**-00	**28**	4000K - 2783lm - CRI>80
				22**302201-39**		3000K - 2588lm - CRI>80
LED 5 modules	white	1445	1,90	22**302202**-00	**35**	4000K - 3478lm - CRI>80
				22**302202-39**		3000K - 3236lm - CRI>80
		CLD D-DIG (DALI)				
LED 4 modules	white	1160	1,50	22**302201-1241**	**28**	4000K - 2783lm - CRI>80
				22**302201-3941**		3000K - 2588lm - CRI>80
LED 5 modules	white	1445	1,90	22**302202-1241**	**35**	4000K - 3478lm - CRI>80
				22**302202-3941**		3000K - 3236lm - CRI>80



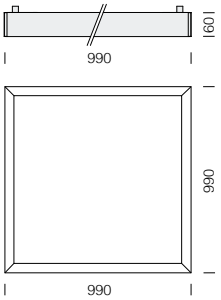
Liset 2.0 “SQ”

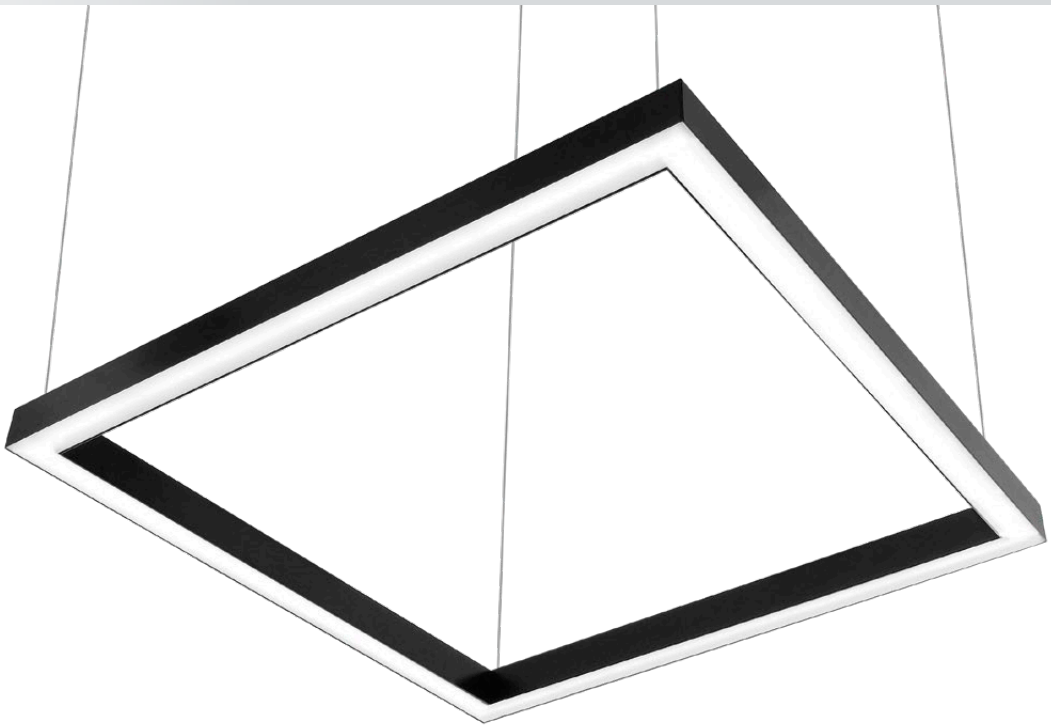
Housing: made of extruded aluminium.

Heads: in die cast aluminium.

LED: power factor: ≥0,92. Photobiological safety class: exempt group.

IP40 IK07





CRI >80

50.000h L80B20

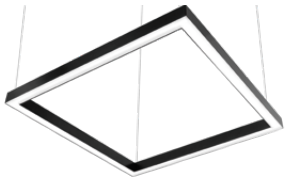
Upon request:
- DIMM-DALI version with sub-code **-1241** (4000K) or **-3941** (3000K).
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K)
- 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)

The product offers the possibility to choose the correct drive current for LEDs and have the right power and the luminous flux under specific design conditions.

Liset 2.0 “SQ” - 4D

		CLD (ON-OFF)				LUMEN OUTPUT (tq= 25 °C)
LED	housing	L (mm)	weight	code	W tot	K - ølm - CRI
LED	white	990	8,50	22**302710**-00	**46**	4000K - 4750lm - CRI>80
	black			22**302730**-00		
LED	white		8,50	22**302710-39**	**46**	3000K - 4420lm - CRI>80
	black			22**302730-39**		

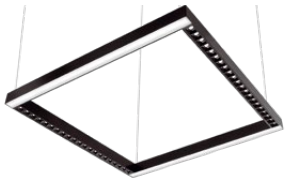
Diffuser: in polycarbonate.



Liset 2.0 “SQ” - 2D+2M

		CLD (ON-OFF)				LUMEN OUTPUT (tq= 25 °C)
LED	housing	L (mm)	weight	code	W tot	K - ølm - CRI
LED	white	990	10,00	22**302810**-00	**51**	4000K - 5320lm - CRI>80
	black			22**302830**-00		
LED	white		10,00	22**302810-39**	**51**	3000K - 4948lm - CRI>80
	black			22**302830-39**		

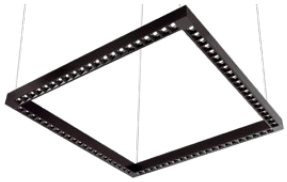
Diffuser: in polycarbonate.
Comfort optics: in black anti-glare polycarbonate (white colour version is available upon request).



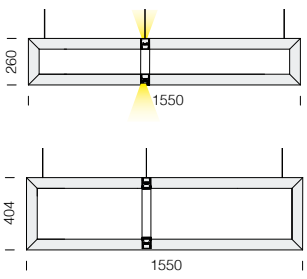
Liset 2.0 “SQ” - 4M

		CLD (ON-OFF)				LUMEN OUTPUT (tq= 25 °C)
LED	housing	L (mm)	weight	code	W tot	K - ølm - CRI
LED	white	990	11,50	22**302910**-00	**55**	4000K - 6320lm - CRI>80
	black			22**302930**-00		
LED	white		11,50	22**302910-39**	**55**	3000K - 5878lm - CRI>80
	black			22**302930-39**		

Comfort optics: in black anti-glare polycarbonate (white colour version is available upon request).



Liset 2.0 - special ‘light blade’ compositions



Pathway

Housing: made of aluminium complete with spring for recessed mounting.

Lens: directional, with high efficiency output and very low glare rate.

LED: power factor: ≥0,9. Photobiological safety class: exempt group.

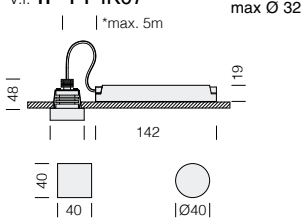
Mistral

Housing: made of aluminium complete with spring for recessed mounting and Mistral R with adjustable LED module (up to 25°).

Lens: in PMMA with high efficiency output and very low glare rate.

LED: power factor: ≥0,9. Photobiological safety class: exempt group.

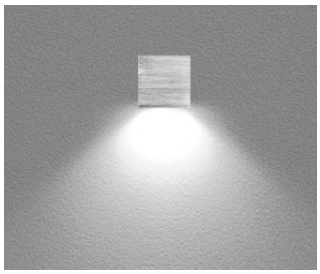
v.a. IP20 IK07
v.l. IP44 IK07



Pathway Q Pathway R

CRI >80

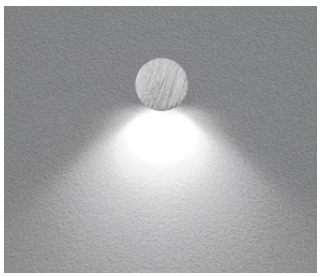
50.000h L80B20



Pathway Q

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
LED	nat. oxi. alum.	0,15	220**35370**-00	**3**	4000K - 300lm - CRI>80
			220**35370-39**		3000K - 285lm - CRI>80

Upon request: 2700K-6500K version.

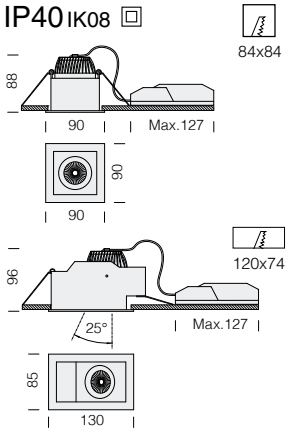


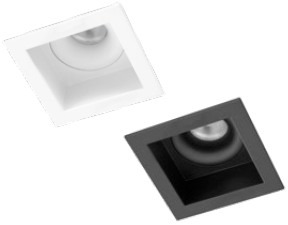
Pathway R

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
LED	nat. oxi. alum.	0,15	220**35470**-00	**3**	4000K - 300lm - CRI>80
			220**35470-39**		3000K - 285lm - CRI>80

Upon request: 2700K-6500K version.

IP40 IK08





CRI >90

50.000h L80B20

Mistral Q - fixed

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
LED	white	0,55	220**84514**-00	**10**	3000K - 800lm - **CRI>90** - 40°
	black		220**84534**-00		

It can be installed on plasterboard walls/ceilings.

Mistral R - adjustable

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
LED	white	0,75	220**84513**-00	**10**	3000K - 800lm - **CRI>90** - 40°
	black		220**84533**-00		

It can be installed on plasterboard walls/ceilings.

Strip LED

24 V constant voltage stripe, ideal for application on aluminum extrusions but also for various decorative lighting applications such as cove lighting, façade accent lighting etc.

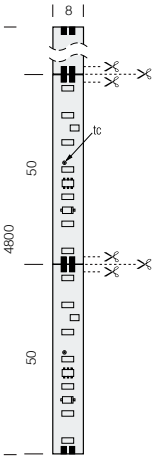
Features and benefits :

- Extremly narrow pitch distance enables short distance to diffuser and outstanding homogeneity
- High design freedom due to 5 cm cut-options
- Self-adhesive 3M tape at the backside for simple mounting on different surfaces
- PCB to PCB and wire to PCB connectors for toolless handling and connection
- Small colour tolerance (MacAdam 3)
- System solution in combination with constant voltage LED Driver (fixed output and dimmable)
- **Connector not included**

24 V

CRI >90

50.000h L80B20



Connector for connection of LED strip modules:
- Easy assembly: remove adhesive 3M tape on the backside of the LED Strip in the connection area, insert the LED Strip into the connector and lock it by pressing down the top of the connector.
- The insertion length of the LED Strip must be at least 4 mm (cut the LED Strip at the dotted lines).

Strip - LED 24V - CRI>90

		CLD S+L				
wattage W/m	colour	tot. lenght	code	W/m	K - CRI - degrees	ølm/m
LED 5W	white	5 m	22**485413**-00	**5**	3000K - **CRI>90** - 120°	**600lm/m**
			22**485414**-00		4000K - **CRI>90** - 120°	
			22**485416**-00		6500K - **CRI>90** - 120°	
LED 10W	white	5 m	22**485513**-00	**10**	3000K - **CRI>90** - 120°	**1200lm/m**
			22**485514**-00		4000K - **CRI>90** - 120°	
			22**485516**-00		6500K - **CRI>90** - 120°	
LED 15W	white	5 m	22**485613**-00	**15**	3000K - **CRI>90** - 120°	**1800lm/m**
			22**485614**-00		4000K - **CRI>90** - 120°	
			22**485616**-00		6500K - **CRI>90** - 120°	
LED 21W	white	5 m	22**485713**-00	**21**	3000K - **CRI>90** - 120°	**2500lm/m**
			22**485714**-00		4000K - **CRI>90** - 120°	
			22**485716**-00		6500K - **CRI>90** - 120°	

Plug connector wire

white	220**28110**-00
Connector with wire.	

Continuous line connector

white	220**28111**-00
To connect Strip-LED in continuous line.	

Corners connector

150x9,8x5,7	220**28210**-00
60x9,8x5,7	220**28211**-00
To connect Strip-LED to corners.	

IP20 Driver - V in 100-277V 0/50/60Hz - V out 24V DC

type	output energy power	size (mm) B - H - L	code
35W/24V	**max 35W**	40 - 21 - 220	220**90235**-00
60W/24V	**max 60W**	40 - 21 - 250	220**90260**-00

IP20 Driver DALI - V in 220-240V 0/50/60Hz - V out 24V DC

35W/24V	**max 35W**	43 - 30 - 195	220**90235-1241**
60W/24V	**max 60W**	43 - 30 - 225	220**90260-1241**

IP20 Driver - V in 120-277V 0/50/60Hz - V out 24V DC

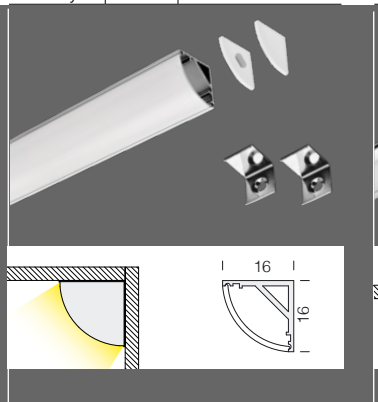
96W/24V	**max 96W**	40 - 21 - 300	220**90296**-00
180W/24V	**max 180W**	64 - 31 - 280	220**90218**-00

IP20 Driver DALI - V in 220-240V 0/50/60Hz - V out 24V DC

100W/24V	**max 100W**	43 - 30 - 295	220**90210-12**
150W/24V	**max 150W**	43 - 30 - 325	220**90215-12**

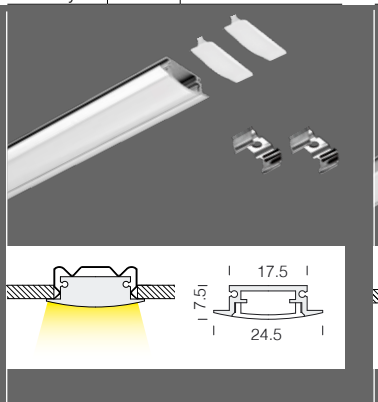
A Profile - angular

	S	
colour	L mm	code
nat. oxy.	2000	220**12210**-00



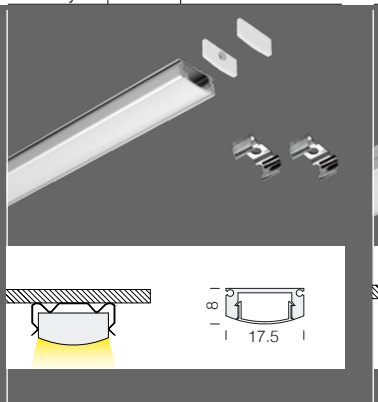
B Profile - recessed

	S	
colour	L mm	code
nat. oxy.	2000	220**12211**-00



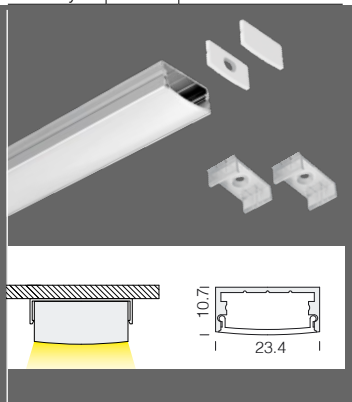
C Profile

	S	
colour	L mm	code
nat. oxy.	2000	220**12212**-00



D Profile

	S	
colour	L mm	code
nat. oxy.	2000	220**12213**-00



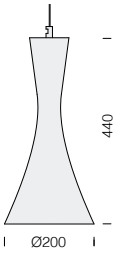
Bell DECOR LINE

Bell is an easy-to-mount suspension luminaire ideal for any setting; extremely versatile, it can serve as an aesthetic finishing element. With these products, that combine style with functionality, the only thing left to do is choose the right LED to use.

Housing: in steel plate (Bell A-D) or aluminium (Bell B-C).

Equipment: base and cable (length 1.50 m max) for suspension.

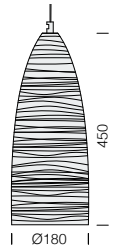
IP20 IK07



Bell A

Bell A - DECOR LINE - suspension

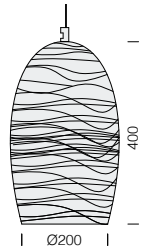
		S	
230V	colour	lampholder	code
LED	gold	E27	22**222690**-00
	white		22**222610**-00



Bell B

Bell B - DECOR LINE - suspension

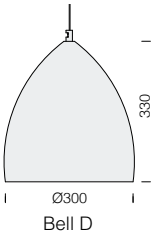
		S	
230V	colour	lampholder	code
LED	gold	E27	22**222790**-00
	white		upon request



Bell C

Bell C - DECOR LINE - suspension

		S	
230V	colour	lampholder	code
LED	gold	E27	22**222890**-00
	white		upon request



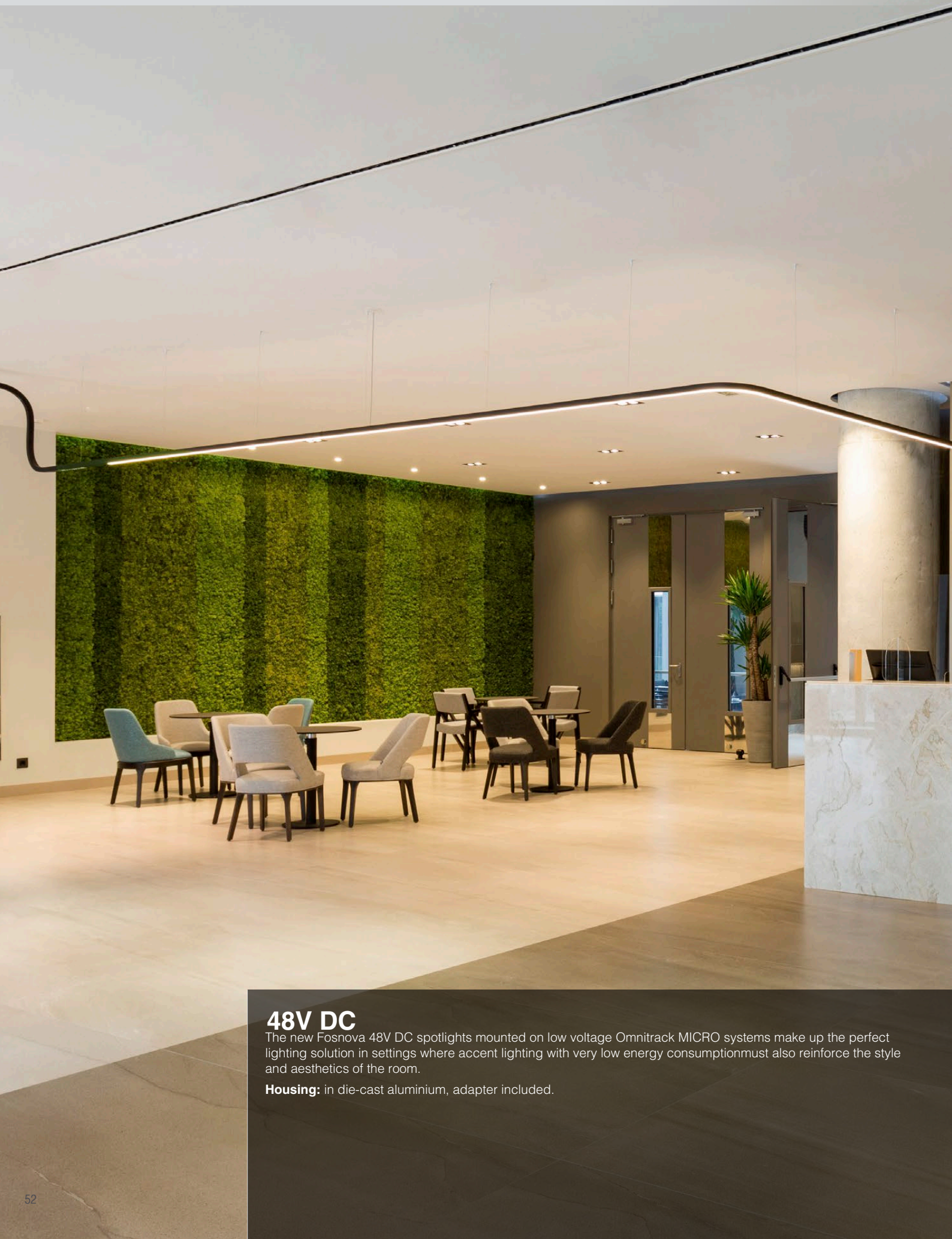
Bell D

Bell D - DECOR LINE - suspension

		S	
230V	colour	lampholder	code
LED	gold	E27	22**222990**-00
	white		22**222910**-00

LED - E27

- Incandescent-like colour, soft light in 2200K-2700K.
- Energy-saving, long life.
- Warm soft light in the same bulb shapes and sizes as incandescent fixtures.
- Mercury-free, in compliance with RoHS material restriction requirements.
- Applications: ideal for general ambient lighting in offices, conference rooms, restaurants, coffee shops, super markets, hotels and homes.



48V DC

The new Fosnova 48V DC spotlights mounted on low voltage Omnitrack MICRO systems make up the perfect lighting solution in settings where accent lighting with very low energy consumptionmust also reinforce the style and aesthetics of the room.

Housing: in die-cast aluminium, adapter included.

Focus SLIM “Q” 5.0

Focus SLIM “Q” 7.0

Focus SLIM “T” 5.0

Focus SLIM “T” 7.0

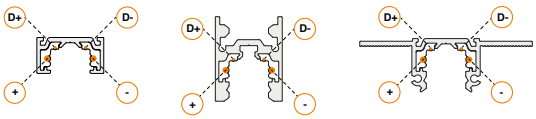
Asso “A” mini T

Asso “A” mini Q

Asso “B” small T

For more information, visit the site
www.disano.it

in the section:
Download
Brochures



CASAMBI VOICE available soon:
an innovative interface to control DALI devices
at the same time using the CASAMBI app through Bluetooth and
voice control using assistants, such as
AMAZON ALEXA/GOOGLE HOME/MATTER through Wi-Fi.
CASAMBI and AMAZON ALEXA/GOOGLE HOME/MATTER are
independent systems that are designed to communicate with and
update each other.

CASAMBI
Google Assistant
amazon alexa
matter

Venere

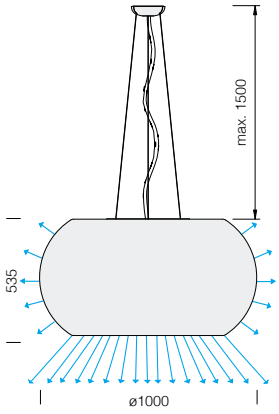
External housing: in semi-opal polyethylene.

Internal reflector: made of V2 shatterproof and self-extinguishing clear polycarbonate, with anti-glare micro frosted finish.
Prismatic on the inside for improved light control, UV stabilized. Scratch-resistant coating.

Equipment: can be fixed directly onto the ceiling.

Available on request: double socket-pin terminal block for dual switching.

IP20 IK07

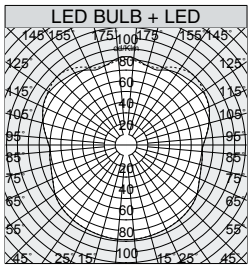


CRI >80

CRI >90

Venere - LED + Strip LED white color changing

		CLD-CASAMBI			LUMEN OUTPUT (tq= 25 °C)	
LED	colour	weight	code	W tot	K - ølm - CRI	
LED Bulb + LED Strip	white	15,00	22**212911**-00	**65**	LED Bulb	3000K - 1055lm - CRI>80
					Strip LED	3000K - 1650lm - CRI>80 4000K - 1375lm - CRI>80 6000K - 1350lm - CRI>80
LED COB + LED Strip	white	15,00	22**212712**-00	**94**	LED COB	3000K - 5000lm - **CRI>90**
					Strip LED	3000K - 1650lm - CRI>80 4000K - 1375lm - CRI>80 6000K - 1350lm - CRI>80



Venere - LED + LED RGBW

		CLD-CASAMBI			LUMEN OUTPUT (tq= 25 °C)	
LED	colour	weight	code	W tot	K - ølm - CRI	
LED Bulb + LED RGBW	white	14,20	22**212910**-00	**67**	LED Bulb	3000K - 1055lm - CRI>80
					LED RGBW	RGB+W (4000K- 1100lm)
LED COB + LED RGBW	white	14,20	22**212710**-00	**96**	LED COB	3000K - 5000lm - **CRI>90**
					LED RGBW	RGB+W (4000K- 1100lm)

Casambi is an advanced automation lighting control system, the simplest and natural way to control your own lamps. It is a **bluetooth low energy** (BLE). It is a bluetooth low energy (BLE) solution. BLE is a latest generation wireless technology and the only low-voltage wireless. Thanks to the intuitive simplicity of the app anyone can create and manage a lighting network singlehandedly by controlling every fixture individually or in groups depending on the needs and the functions required, using a smart phone or any other mobile device. *Casambi* technology can be integrated into luminaires, LED-drivers and even within LED-modules or bulbs, creating an optimal solution in terms of ease of installation and functionality with minimal additional hardware and deployment costs.

SMART

The *Casambi* devices are smart on their own. All the intelligence is replicated in each node leaving no single point of failure. The system itself is in constant consensus based synchronisation.

CONNECTED

The Casambi devices are connected when needed. An Internet connection is not necessary for general operation and day to day functionality. Bluetooth Low Energy is already implemented in smartphones and tablets, so communication can be done without any additional gateways.

USER FRIENDLY

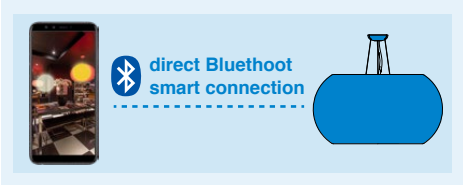
The system is intuitive. When connecting for the first time nodes are automatically pairing. The system can be used and modified by anyone, no commissioning experts are needed.

WIRELESS & BLUETOOTH LOW ENERGY

The *Casambi* network is based on the Bluetooth Low Energy protocol, which is the most energy ecient and future proof of wireless technologies. The low energy functionality of **BLE** allows developers to make products that run on small coincell batteries or energy-harvesting devices, making BLE the best protocol to be used in wireless lighting control applications.

NO GATEWAYS

BLE was built for Internet of Things (IoT) and has been implemented in all modern smartphones, tablets and even smart watches since the beginning of 2012. This means that no gateway modules or any kind of dongle is needed to control lighting via BLE, which makes a BLE - based lighting control solution more cost effective than solutions built on other wireless technologies.



NETWORK STRUCTURE

The *Casambi* solution is based on a network structure. Casambi units are paired to networks. 127 units can be paired to one network. All the units that are physically in the same area, that the user want to access at the same time or that should have the same functionality at the same time should be paired to the same network. A network should cover an area that all the users in that area are allowed to control as the access rights are defined per whole network.

COMMUNICATION

All Casambi units form a wireless mesh network. The mesh network contains an algorithm that drives towards a consensus state between each participant. Once consensus is reached the communication will stop. If a unit goes oine it is no longer considered to be part of the consensus group but once it comes back online it will join the group again and catch up with others. In this way the casambi network is more like a consensus based syncronisation engine, rather than a classic mesh network. The communication range between two Casambi units is highly dependant on the surrounding and obstacles, such as walls and building materials. In indoor environments the range can be up to 30 m and in outdoor conditions up to 50 m. It is recommended to make communication tests in environments with a lot of signal disturbing materials. Longer ranges can be achieved by using multiple Casambi units. **It is also important to consider that in the majority of applications either the user with a smart device or adjacent luminaires containing Casambi units are only ever 5 to 10 meters away from each other to provide excellent reliability in the communication network.**

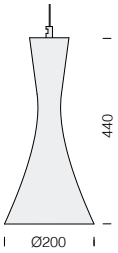
Bell DECOR LINE

Bell is an easy-to-mount suspension luminaire ideal for any setting; extremely versatile, it can serve as an aesthetic finishing element. With these products, that combine style with functionality, the only thing left to do is choose the right LED to use.

Housing: in steel plate (Bell A-D) or aluminium (Bell B-C).

Equipment: base and cable (length 1.50 m max) for suspension.

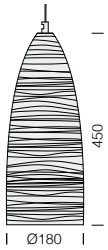
IP20 IK07



Bell A

Bell A - DECOR LINE - suspension

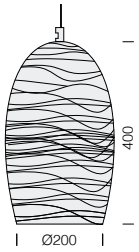
		S	
230V	colour	lampholder	code
LED	black	E27	22**222631**-00
	black/ orange		22**222632**-00



Bell B

Bell B - DECOR LINE - suspension

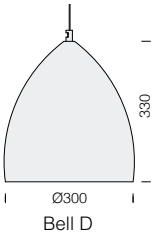
		S	
230V	colour	lampholder	code
LED	black	E27	22**222731**-00
	black/ orange		22**222732**-00



Bell C

Bell C - DECOR LINE - suspension

		S	
230V	colour	lampholder	code
LED	black	E27	22**222831**-00
	black/ orange		22**222832**-00



Bell D

Bell D - DECOR LINE - suspension

		S	
230V	colour	lampholder	code
LED	black	E27	22**222931**-00
	black/ orange		22**222932**-00

LED - E27

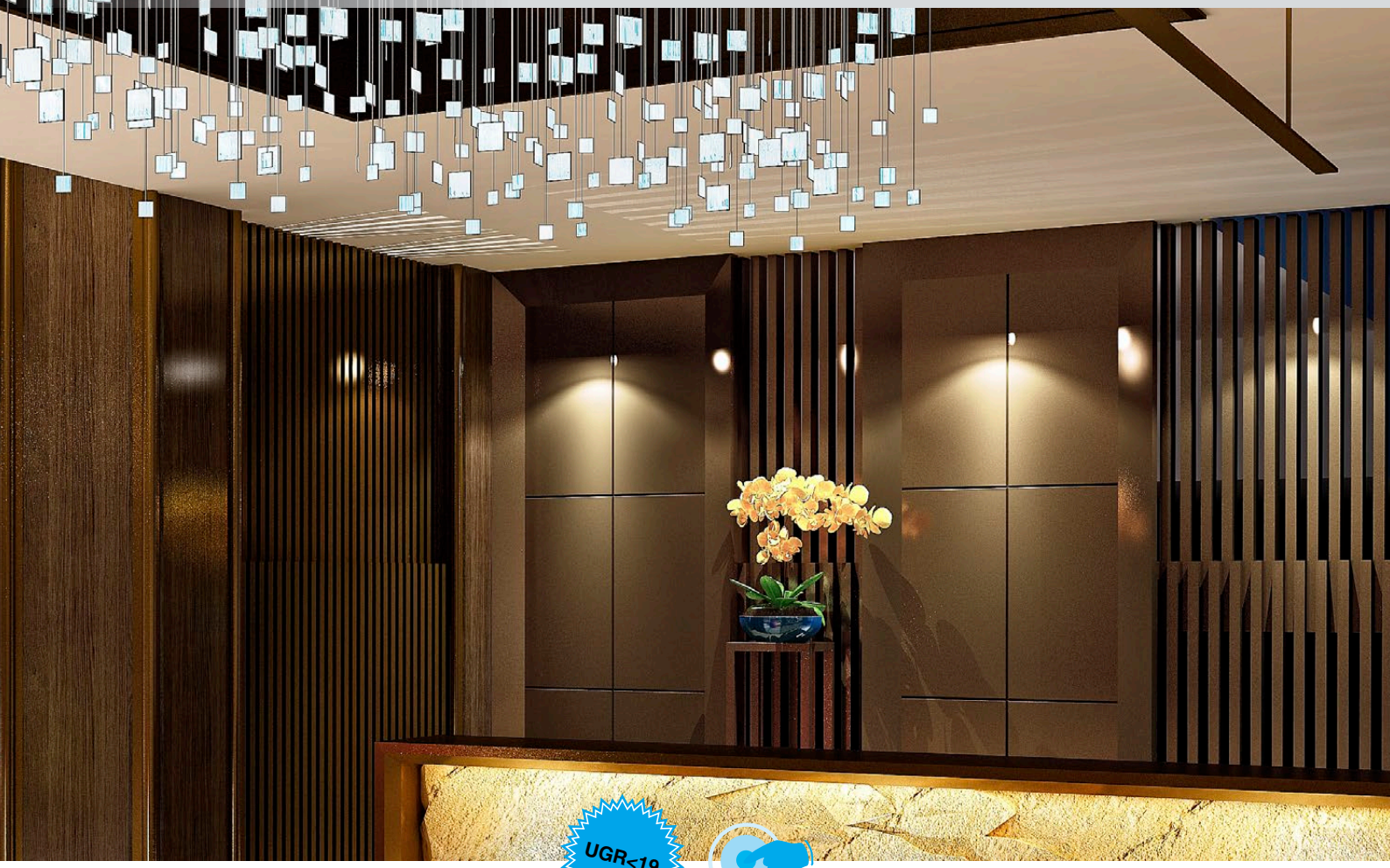
- Incandescent-like colour, soft light in 2200K-2700K.
- Energy-saving, long life.
- Warm soft light in the same bulb shapes and sizes as incandescent fixtures.
- Mercury-free, in compliance with RoHS material restriction requirements.
- Applications: ideal for general ambient lighting in offices, conference rooms, restaurants, coffee shops, super markets, hotels and homes.

Health Dark

Housing: fixed donwlight in die cast aluminium.
Lens: in PMMA lens with high efficiency output and very low glare rate.
Dark light optics: in anti-glare metalized plastic material.
Equipment: equipped with galvanised steel support brackets, with housing for springs for attachment to the false ceilings.
UGR glare index: UGR<19 (in any situation). - EN 12464.
LED: power factor ≥0.9. Photobiological safety class: exempt group.

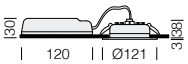
ADAPT THE CURRENT TO ACHIEVE OPTIMAL LUMINOUS FLUX

DIP SWITCH SETTING: the fixture comes with a *DIP SWITCH* driver for **THE SETTING OF THE OUTPUT CURRENT**. In this way you, can **ENSURE THE BEST LUMINOUS FLUX** for any lighting design.
The possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.

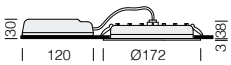


UGR<19

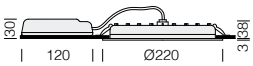
v.a. IP20 IK07
v.l. IP40 IK07



min Ø 100
max Ø 105



min Ø 150
max Ø 155



min Ø 200
max Ø 205

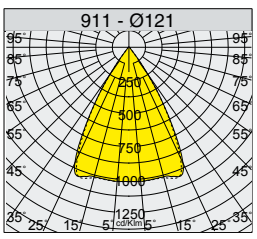
CRI >80

50.000h L80B20

911 Health Dark - Ø121 - DIP SWITCH

		CLD					LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	Ø	code	I out	W tot	K - ølm - CRI
LED	white	0.20	121	156472-00	***250***	**10**	4000K - 1195lm - CRI 80

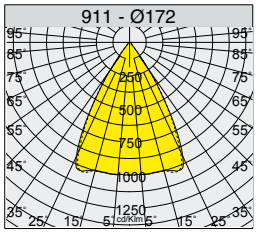
DIP SWITCH SETTING		
LUMEN OUTPUT (tq= 25 °C)		
I out	W tot	K - ølm - CRI
250	***10***	*4000K - 1195lm - CRI 80*
300	12	4000K - 1380lm - CRI 80
350	14	4000K - 1555lm - CRI 80



911 Health Dark - Ø172 - DIP SWITCH

		CLD					LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	Ø	code	I out	W tot	K - ølm - CRI
LED	white	0.40	172	156473-00	***500***	**19**	4000K - 2490lm - CRI 80

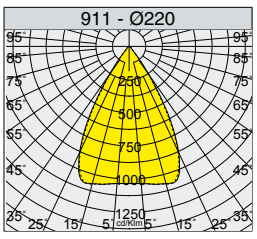
DIP SWITCH SETTING		
LUMEN OUTPUT (tq= 25 °C)		
I out	W tot	K - ølm - CRI
350	13	4000K - 1795lm - CRI 80
500	***19***	*4000K - 2490lm - CRI 80*
600	22	4000K - 2915lm - CRI 80



911 Health Dark - Ø220 - DIP SWITCH

		CLD					LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	Ø	code	I out	W tot	K - ølm - CRI
LED	white	0.60	220	156477-00	***800***	**30**	4000K - 3740lm - CRI 80

DIP SWITCH SETTING		
LUMEN OUTPUT (tq= 25 °C)		
I out	W tot	K - ølm - CRI
600	22	4000K - 2900lm - CRI 80
700	26	4000K - 3315lm - CRI 80
800	***30***	*4000K - 3740lm - CRI 80*
900	33	4000K - 4150lm - CRI 80
950	35	4000K - 4340lm - CRI 80



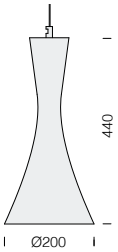
Bell DECOR LINE

Bell is an easy-to-mount suspension luminaire ideal for any setting; extremely versatile, it can serve as an aesthetic finishing element. With these products, that combine style with functionality, the only thing left to do is choose the right LED to use.

Housing: in steel plate (Bell A-D) or aluminium (Bell B-C).

Equipment: base and cable (length 1.50 m max) for suspension.

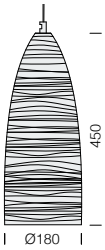
IP20 IK07



Bell A

Bell A - DECOR LINE - suspension

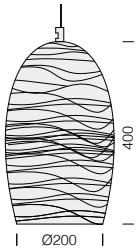
		S	
LED	colour	lampholder	code
LED	copper	E27	22**222680**-00
	white/ aquamarine		22**222611**-00



Bell B

Bell B - DECOR LINE - suspension

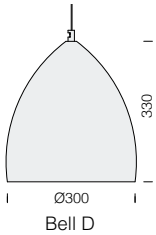
		S	
LED	colour	lampholder	code
LED	copper	E27	22**222780**-00
	dove grey		22**222770**-00



Bell C

Bell C - DECOR LINE - suspension

		S	
LED	colour	lampholder	code
LED	copper	E27	22**222880**-00
	dove grey		22**222870**-00



Bell D

Bell D - DECOR LINE - suspension

		S	
LED	colour	lampholder	code
LED	copper	E27	22**222980**-00
	white/ aquamarine		22**222911**-00

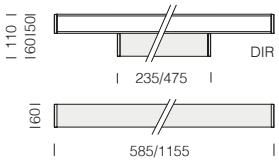
LED - E27

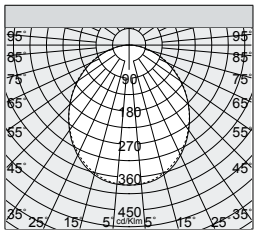
- Incandescent-like colour, soft light in 2200K-2700K.
- Energy-saving, long life.
- Warm soft light in the same bulb shapes and sizes as incandescent fixtures.
- Mercury-free, in compliance with RoHS material restriction requirements.
- Applications: ideal for general ambient lighting in offices, conference rooms, restaurants, coffee shops, super markets, hotels and homes.

CRI >80

50.000h L80B20

IP40 IK07





Liset 2.0 - wall - opal diffuser direct light

		CLD (ON-OFF)				LUMEN OUTPUT (tq= 25 °C)
LED	housing	L (mm)	weight	code	W tot	K - ølm - CRI
LED 2 modules	white	585	1.20	22**303510**-00	**14**	4000K - 1250lm - CRI>80
	black			22**303530**-00		
LED 2 modules	white	585	1.20	22**303510-39**	**14**	3000K - 1202lm - CRI>80
	black			22**303530-39**		
LED 4 modules	white	1155	3.00	22**303511**-00	**28**	4000K - 2530lm - CRI>80
	black			22**303531**-00		
LED 4 modules	white	1155	3.00	22**303511-39**	**28**	3000K - 2404lm - CRI>80
	black			22**303531-39**		

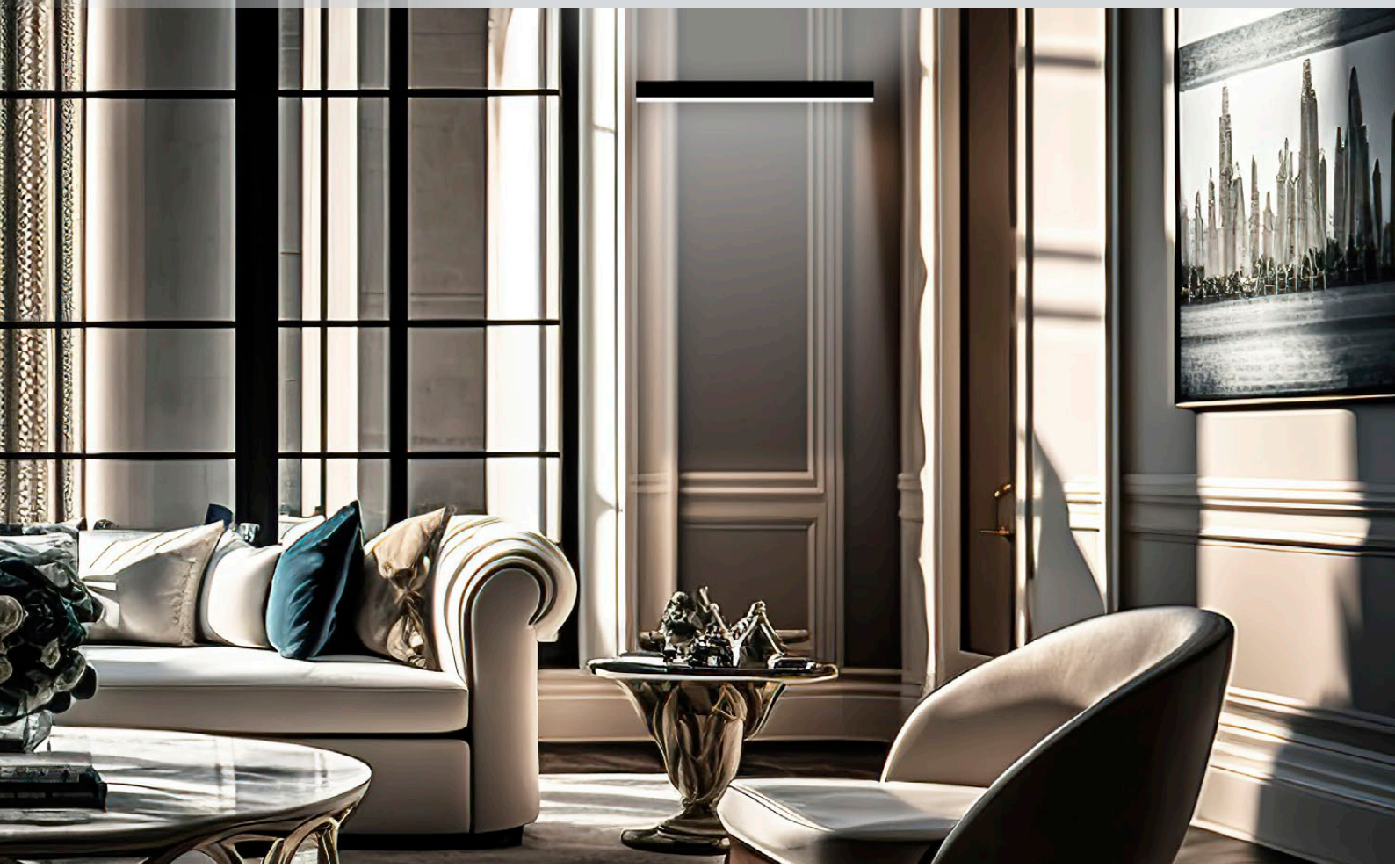
Liset 2.0

Housing: made of extruded aluminium.

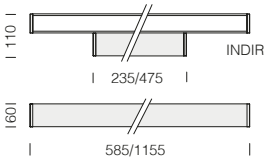
Heads: in die cast aluminium.

LED: power factor: ≥0,92. Photobiological safety class: exempt group.

Liset 2.0 wall light with diffuser



IP40 IK07

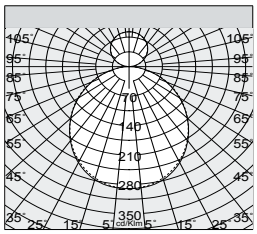


CRI >80

50.000h L80B20

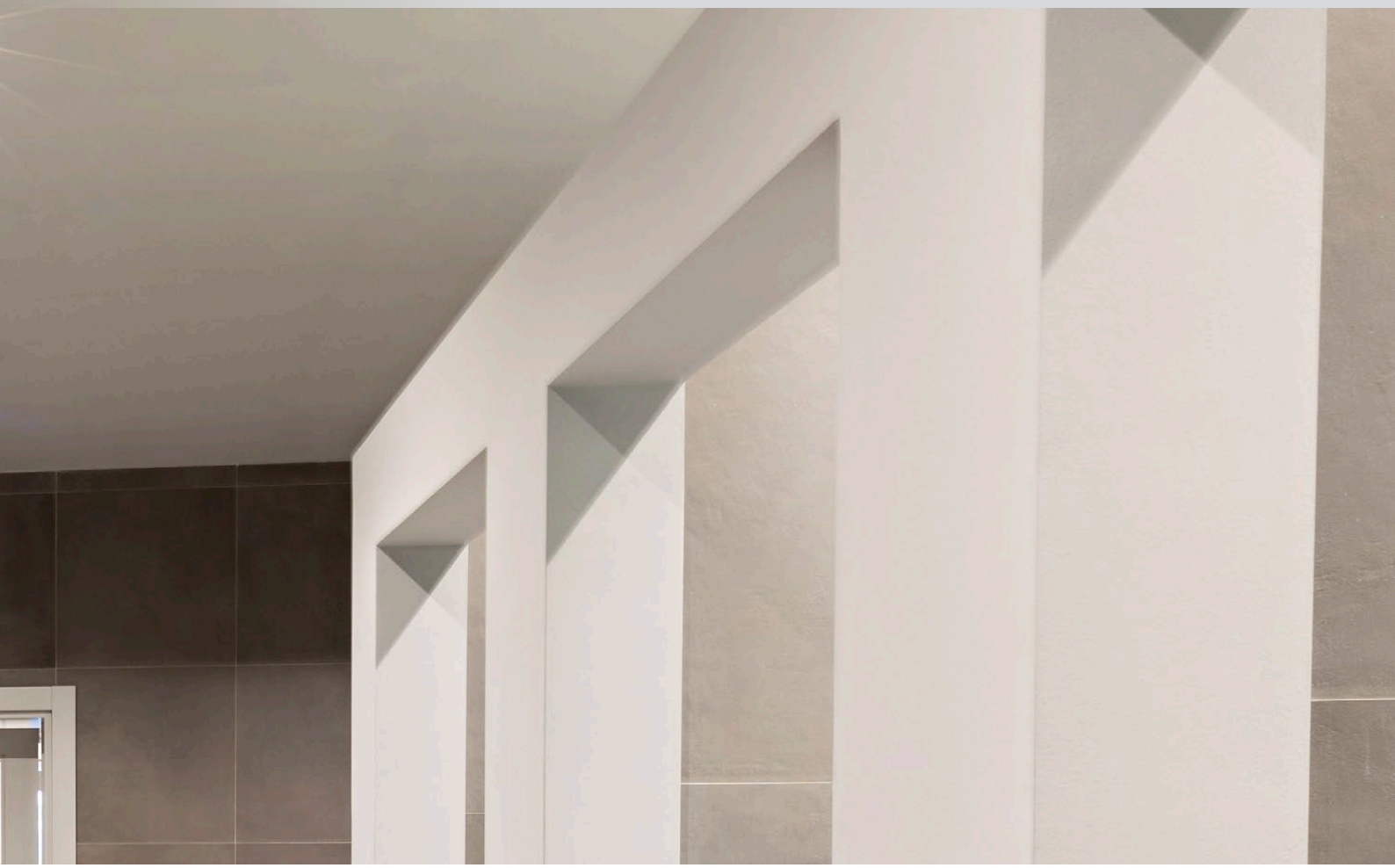
Liset 2.0 - wall - opal diffuser direct/indirect light

		CLD (ON-OFF)				LUMEN OUTPUT (tq= 25 °C)
LED	housing	L (mm)	weight	code	W tot	K - ølm - CRI
LED 2+2 modules	white	585	1.50	22**303610**-00	**28**	4000K - 2530lm - CRI>80
	black			22**303630**-00		
LED 2+2 modules	white	585	1.50	22**303610-39**	**28**	3000K - 2404lm - CRI>80
	black			22**303630-39**		
LED 4+3 modules	white	1155	3.20	22**303611**-00	**49**	4000K - 4430lm - CRI>80
	black			22**303631**-00		
LED 4+3 modules	white	1155	3.20	22**303611-39**	**49**	3000K - 4158lm - CRI>80
	black			22**303631-39**		

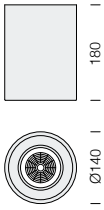


Themis

Stands out for its simple design and high-quality lighting output delivered by latest generation LED sources. Studied to deliver direct lighting, it is equipped with a highly efficient reflector (adjustable) or with lenses to enhance the light beam Designed to be easily installed inside ceilings thanks to its mounting bracket, it is capable of illuminating full and empty spaces, bringing out all the potential of architectonic details and giving rhythm and colour to important interiors.
Housing: made of die-cast aluminium with clear polycarbonate diffuser.
Reflector: high-efficiency metallised polycarbonate.
Standard supply: ceiling version supplied with bracket for installation.
LED: power factor: ≥0,92. Photobiological safety class: exempt group.



IP65 IK07

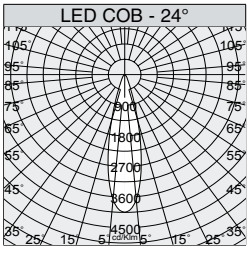


CRI >80

50.000h L80B20

Themis R140 - IP65 - fixed with optic

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	1,80	220**71710-68**	**24**	4000K - 2550lm - CRI>80 - 24°
	grey		220**71770-68**		



New iSpot Comfort

Housing: made of die-cast aluminium and polycarbonate reflector.

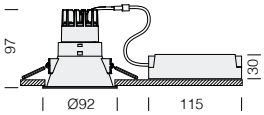
LED: power factor >0.9. Photobiological safety class: exempt group.

v.a. IP20 IK04
v.l. IP65 IK04

min Ø 90
max Ø 98

CRI >90

50.000h L80B20

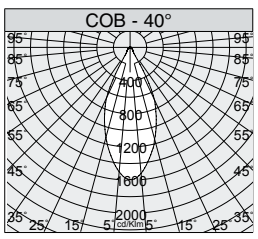


New iSpot Comfort 3

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,20	22**168210**-00	**8**	3000K - 720lm - **CRI>90** - 40°
	black		22**168230**-00		3000K - 600lm - **CRI>90** - 40°
		CLD D-DIG (DALI)			
COB	white	0,20	22**168210-1241**	**8**	3000K - 720lm - **CRI>90** - 40°
	black		22**168230-1241**		3000K - 600lm - **CRI>90** - 40°

Universally applicable, suitable to replace downlights with cut out diameters ranging from 85 mm to 88 mm. **Supplied ring** can act as both an aesthetic finishing and to cover fitting holes with greater diameters.

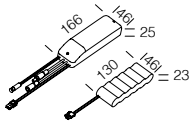
finishing ring included



Upon request: available in white/orange, black/ orange and black/gold colour version.

EM power kit	
1h	220**96015**-00
3h	220**96033**-00

EM (emergency) lamp power kit complete with connectors.



BoreaLED

Compact, clean-cut and easy-to-install lamp, even in continuous line, thanks to the supplied accessories.
It is ideal for the general lighting of interiors (entrance halls, corridors, basements, stairways) and can be easily fitted under kitchen cabinets, above bathroom mirrors, inside wardrobes, walk-in closets, corridors, etc.

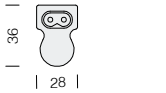
Housing: in polycarbonate.

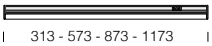
Diffusore: in polycarbonate.

Equipment: complete with ON/OFF switch and power cable.

LED: power factor >0.9. Photobiological safety class: exempt group.

IP20IK04



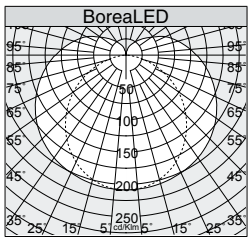


CRI >80

30.000h L70B50

BoreaLED

		CLD				LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	L mm	code	W tot	K - ølm - CRI
LED	white	0.15	313	22**321010**-00	**4**	4000 K - 441lm - CRI>80
				22**321010-39**		3000 K - 410lm - CRI>80
LED	white	0.25	573	22**321011**-00	**8**	4000 K - 883lm - CRI>80
				22**321011-39**		3000 K - 821lm - CRI>80
LED	white	0.40	873	22**321012**-00	**11**	4000 K - 1215lm - CRI>80
				22**321012-39**		3000 K - 1130lm - CRI>80
LED	white	0.45	1173	22**321013**-00	**14**	4000 K - 1546lm - CRI>80
				22**321013-39**		3000 K - 1438lm - CRI>80



Other installation accessories included:

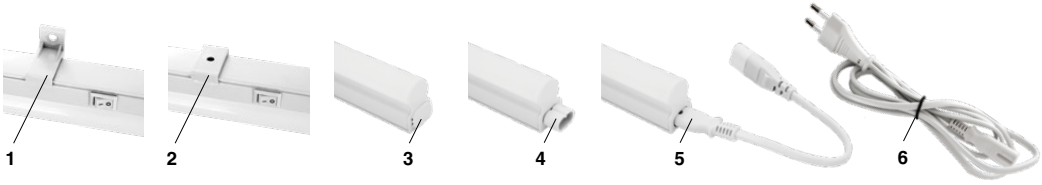
1) bracket for wall mounting

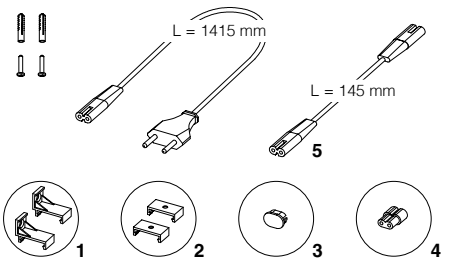
2) bracket for ceiling mounting

3) end cap

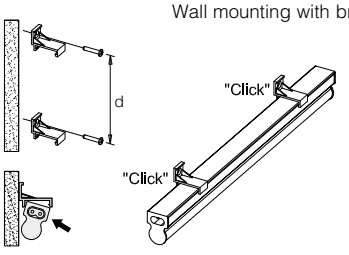
4) connector for continuous line mounting

5) connector with wire for continuous line mounting



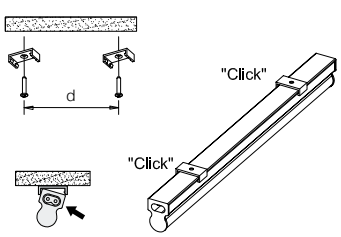


Wall mounting with bracket **(1)**.



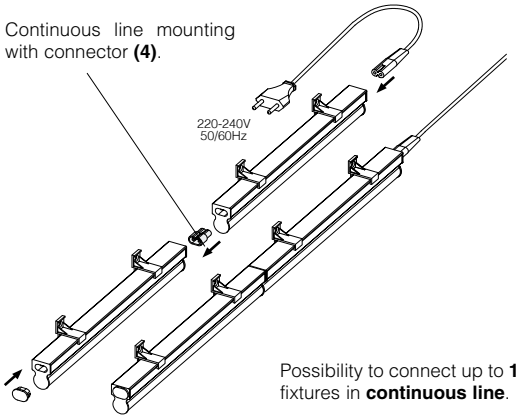
d
290mm
550mm
850mm
1150mm

Ceiling mounting with bracket **(2)**.



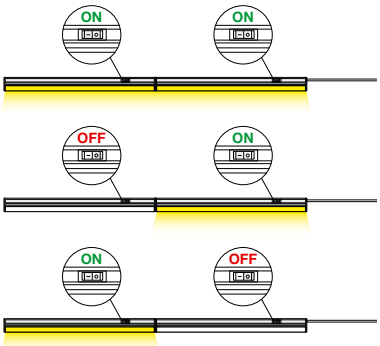
d
290mm
550mm
850mm
1150mm

Continuous line mounting with connector **(4)**.

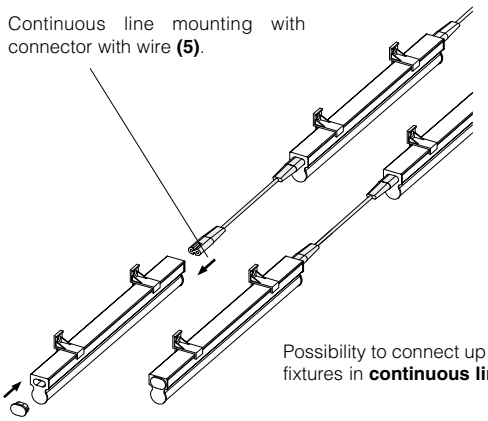


Possibility to connect up to **10** fixtures in **continuous line**.

Possibility to switch lights ON/OFF independently.

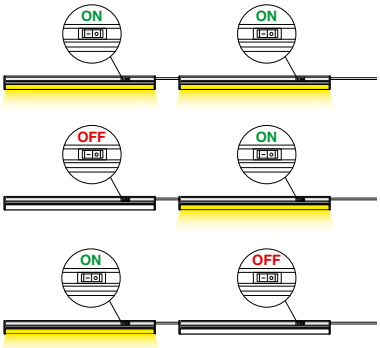


Continuous line mounting with connector with wire **(5)**.



Possibility to connect up to **10** fixtures in **continuous line**.

Possibility to switch lights ON/OFF independently.



Cosmic - Pastilla Screen

Cosmic, ceiling-mounted LED wall sconce with a modern, ultra-slim design, available in round or square versions, easy to install on the wall or ceiling. A stylish furnishing solution to create soft, diffused, and decorative lighting.

Housing/diffuser: thermoplastic material, resistant to small impacts; designed for wall/ceiling mounting

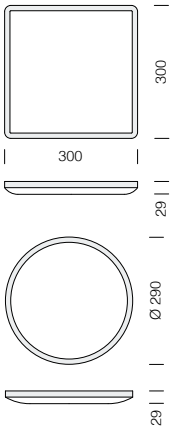
LED: power factor >0.9. Photobiological safety class: exempt group.

Pastilla with shielded diffuser that minimizes direct glare and creates amazing light effects.

Housing/diffuser: vandal-resistant, self-extinguishing polycarbonate.

LED: power factor >0.9. Photobiological safety class: exempt group.

IP44 IK04

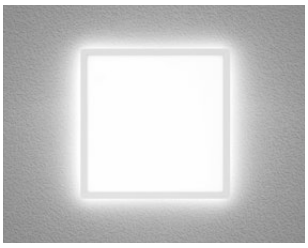


Cosmic Q

Cosmic R

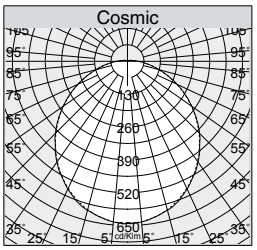
CRI >80

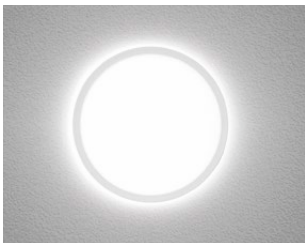
25.000h L80B20



Cosmic Q - DECOR LINE

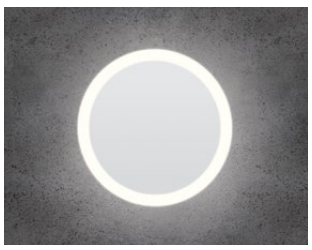
		CLD				LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	mm	code	W tot	K - ølm - CRI
LED	white	0.65	300x300	220**46210**-00	**18**	4000K - 1620lm - CRI>80





Cosmic R - DECOR LINE

		CLD				LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	Ø mm	code	W tot	K - ølm - CRI
LED	white	0.65	290	220**46310**-00	**18**	4000K - 1620lm - CRI>80

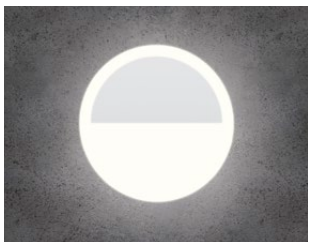


Pastilla Screen 1

		CLD				LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	Ø mm	code	W tot	K - ølm - CRI
(1) LED	white	0.60	220	220**42810-39**	**15**	3000K - 1328lm - CRI>80
				220**42810**-00		4000K - 1444lm - CRI>80
(2) LED	white	0.80	280	220**42811-39**	**18**	3000K - 1651lm - CRI>80
				220**42811**-00		4000K - 1796lm - CRI>80
(3) LED	white	1.00	330	220**42812-39**	**24**	3000K - 2273lm - CRI>80
				220**42812**-00		4000K - 2473lm - CRI>80

CRI >80

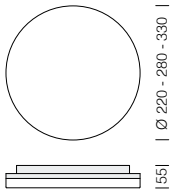
30.000h L80B20



Pastilla Screen 2

		CLD				LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	Ø mm	code	W tot	K - ølm - CRI
(1) LED	white	0.60	220	220**42910-39**	**15**	3000K - 1328lm - CRI>80
				220**42910**-00		4000K - 1444lm - CRI>80
(2) LED	white	0.80	280	220**42911-39**	**18**	3000K - 1651lm - CRI>80
				220**42911**-00		4000K - 1796lm - CRI>80
(3) LED	white	1.00	330	220**42912-39**	**24**	3000K - 2273lm - CRI>80
				220**42912**-00		4000K - 2473lm - CRI>80

IP65 IK07



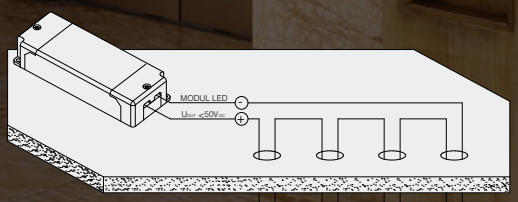
(1) - Ø220mm

(2) - Ø280mm

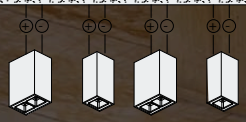
(3) - Ø330mm

Spot M

Spot M1 A - M1 B - M2 - M3 - M5				
Acc.	**M1 A- M 1 B**	**M2**	**M3**	**M5**
220**90812-**00 **ON-OFF** 700 mA	Min. 1 Spot Max. 14 Spot	Min. 1 Spot Max. 7 Spot	Min. 1 Spot Max. 4 Spot	Min. 1 Spot Max. 2 Spot
220**90813-1241 DIMM-DALI** 700 mA	Min. 4 Spot Max. 18 Spot	Min. 2 Spot Max. 9 Spot	Min. 2 Spot Max. 6 Spot	Min. 1 Spot Max. 3 Spot



Spot M1 - A	**2W**	3V
Spot M1 - B	**2W**	3V
Spot M2	**4W**	6V
Spot M3	**6W**	9V
Spot M5	**10W**	15V

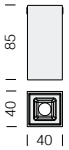


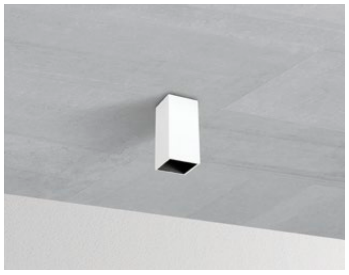
UGR<19

CRI >90

50.000h L80B20

IP40 IK07





Spot M1-A - ceiling - UGR<19

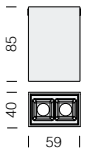
		CLD		LUMEN OUTPUT (tq= 25 °C)
LED	colour	code	W	K - ølm - CRI - degrees
LED 1 module	white	22**510101**-00	**2**	4000K - 200lm - **CRI>90** - 20°
		22**510101-39**		3000K - 186lm - **CRI>90** - 20°

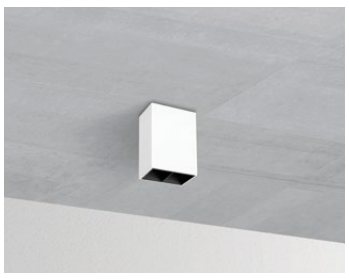
On request: 15°-30° version. Driver not included.

Spot M1-B - ceiling - UGR<19

		CLD		LUMEN OUTPUT (tq= 25 °C)
LED	colour	code	W	K - ølm - CRI - degrees
LED 1 module	white	22**510104**-00	**2**	4000K - 209lm - **CRI>90** - 20°
		22**510104-39**		3000K - 194lm - **CRI>90** - 20°

On request: 15°-30° version. Driver not included.

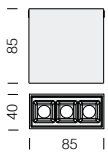


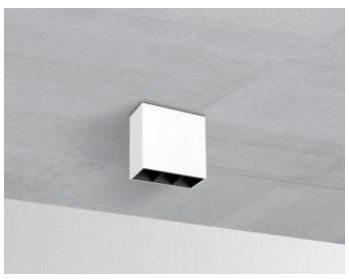


Spot M2 - ceiling - UGR<19

		CLD		LUMEN OUTPUT (tq= 25 °C)
LED	colour	code	W	K - ølm - CRI - degrees
LED 2 modules	white	22**510102**-00	**4**	4000K - 380lm - **CRI>90** - 20°
		22**510102-39**		3000K - 353lm - **CRI>90** - 20°

On request: 15°-30° version. Driver not included.

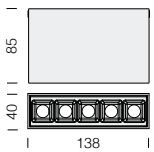


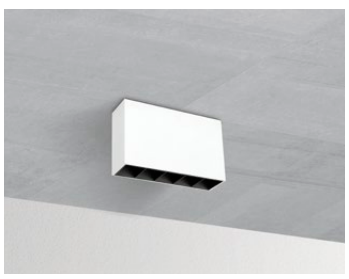


Spot M3 - ceiling - UGR<19

		CLD		LUMEN OUTPUT (tq= 25 °C)
LED	colour	code	W	K - ølm - CRI - degrees
LED 3 modules	white	22**510103**-00	**6**	4000K - 570lm - **CRI>90** - 20°
		22**510103-39**		3000K - 530lm - **CRI>90** - 20°

On request: 15°-30° version. Driver not included.

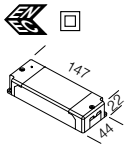




Spot M5 - ceiling - UGR<19

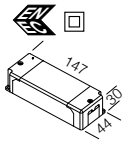
		CLD		LUMEN OUTPUT (tq= 25 °C)
LED	colour	code	W	K - ølm - CRI - degrees
LED 5 modules	white	22**510105**-00	**10**	4000K - 940lm - **CRI>90** - 20°
		22**510105-39**		3000K - 874lm - **CRI>90** - 20°

On request: 15°-30° version. Driver not included.



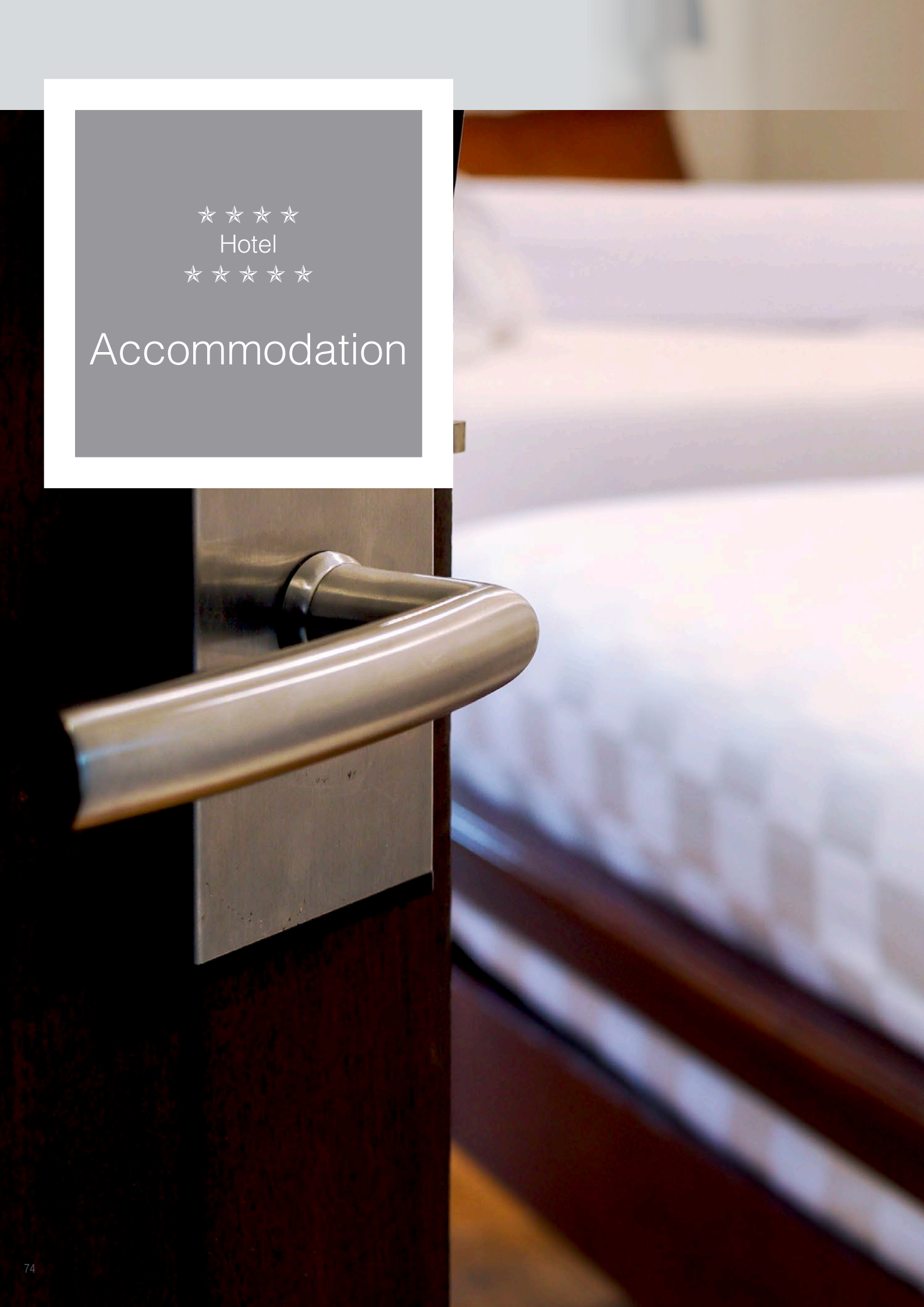
Driver ON-OFF

white	220**90812-**00
Min. 2V - Max 44V-30W (700mA).	



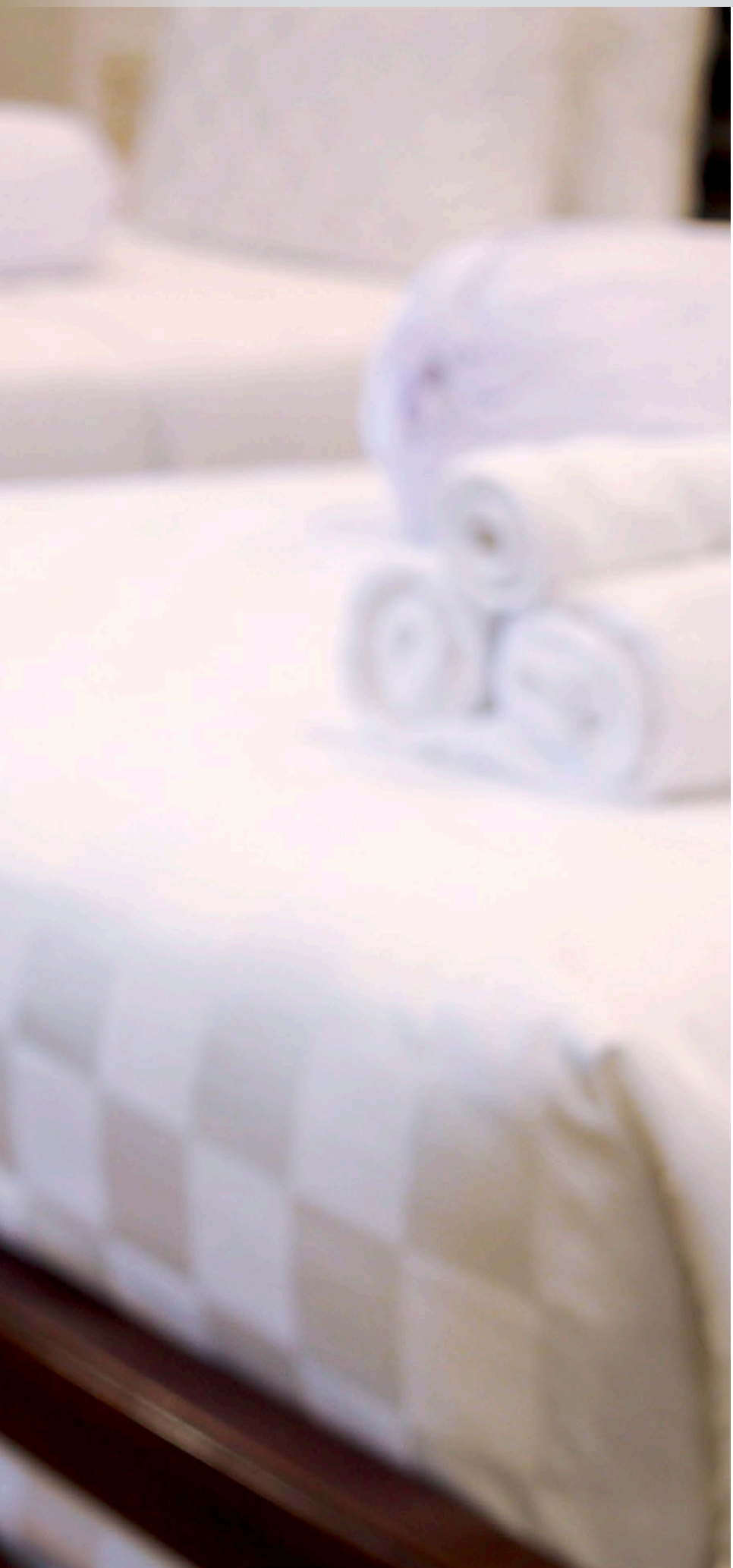
Driver DIMM-DALI

white	220**90813-1241**
Min. 10V - Max 54V-38W (700mA).	

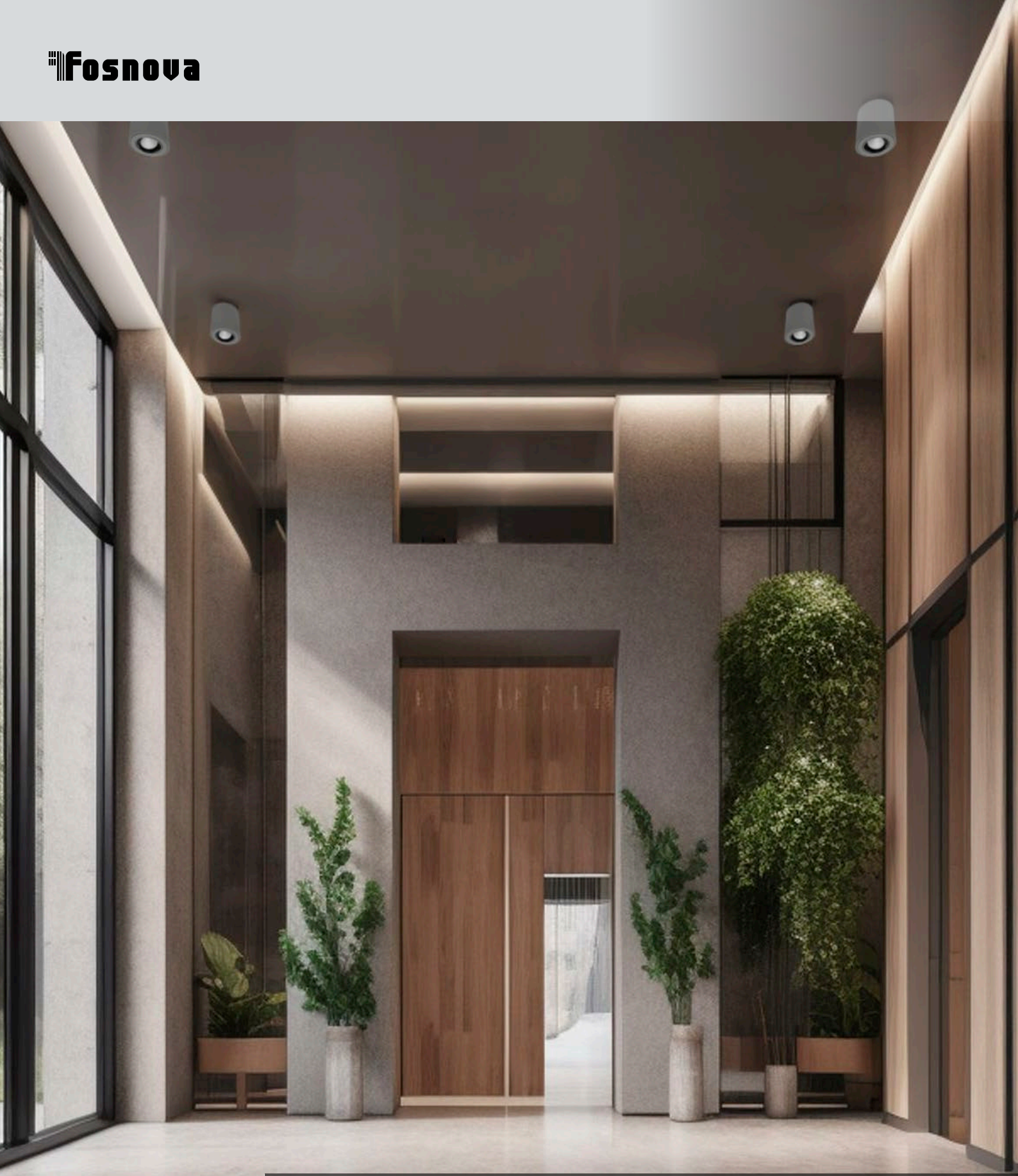


☆ ☆ ☆ ☆
Hotel
☆ ☆ ☆ ☆ ☆

Accommodation



Themis	pag.	**76**
Liset 2.0	pag.	**78**
iSpot Tech	pag.	**80**
iSpot Architectural	pag.	**80**
Compact	pag.	**82**
Buddy	pag.	**84**
Taco	pag.	**86**
V Moon	pag.	**86**
Curve Line	pag.	**88**
Stilo	pag.	**88**
iSpot Hotel	pag.	**90**
Domitilla	pag.	**92**
Anello	pag.	**94**
Curve	pag.	**96**
Marte IP65	pag.	**98**
Snow IP65	pag.	**100**
Spy	pag.	**102**
Amalfi	pag.	**104**
Box	pag.	**104**



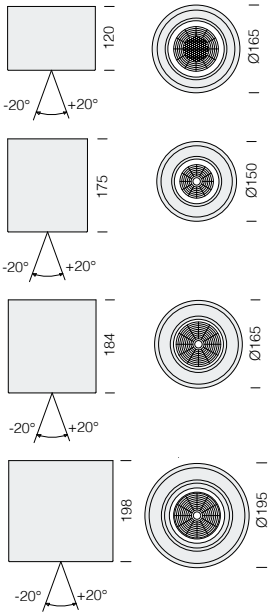
Themis

Lens: faceted, with high efficiency output and very low glare rate.

Reflector: high-efficiency metallised polycarbonate.

LED: power factor ≥0,9. Photobiological safety class: exempt group.

IP20 IK07



L 165

R 150

R 165

R195

CRI 85

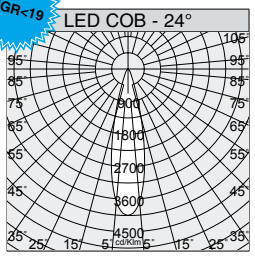
CRI >90

50.000h L80B20

Themis L165 - adjustable with lens

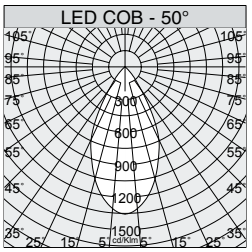
		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	1,00	220**71310-68**	**25**	4000K - 2613lm - CRI 85 - 24°
	grey		220**71370-68**		
COB	white	1,00	220**71310**-00	**25**	3000K - 2442lm - CRI 85 - 24°
	grey		220**71370**-00		
		CLD D-DIG (DALI)			
COB	white	1,00	220**71310-6841**	**25**	4000K - 2613lm - CRI 85 - 24°
	grey		220**71370-6841**		
COB	white	1,00	220**71310-1241**	**25**	3000K - 2442lm - CRI 85 - 24°
	grey		220**71370-1241**		

UGR<19



Themis R150 - adjustable with optic

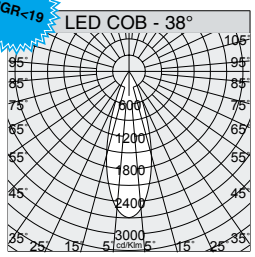
		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,90	220**71010-68**	**24**	4000K - 1946lm - **CRI>90** - 50°
	grey		220**71070-68**		
COB	white	0,90	220**71010**-00	**24**	3000K - 1819lm - **CRI>90** - 50°
	grey		220**71070**-00		
		CLD D-DIG (DALI)			
COB	white	0,90	220**71010-6841**	**24**	4000K - 1946lm - **CRI>90** - 50°
	grey		220**71070-6841**		
COB	white	0,90	220**71010-1241**	**24**	3000K - 1819lm - **CRI>90** - 50°
	grey		220**71070-1241**		



Themis R165 - adjustable with optic

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	1,20	220**71110-68**	**33**	4000K - 2691lm - **CRI>90** - 38°
	grey		220**71170-68**		
COB	white	1,20	220**71110**-00	**33**	3000K - 2515lm - **CRI>90** - 38°
	grey		220**71170**-00		
		CLD D-DIG (DALI)			
COB	white	1,20	220**71110-6841**	**33**	4000K - 2691lm - **CRI>90** - 38°
	grey		220**71170-6841**		
COB	white	1,20	220**71110-1241**	**33**	3000K - 2515lm - **CRI>90** - 38°
	grey		220**71170-1241**		

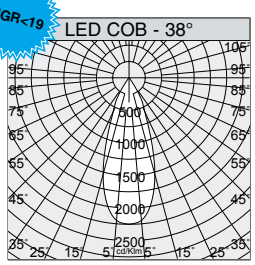
UGR<19



Themis R195 - adjustable with optic

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	1,60	220**71210-68**	**40**	4000K - 3300lm - **CRI>90** - 38°
	grey		220**71270-68**		
COB	white	1,60	220**71210**-00	**40**	3000K - 3100lm - **CRI>90** - 38°
	grey		220**71270**-00		
		CLD D-DIG (DALI)			
COB	white	1,60	220**71210-1241**	**40**	4000K - 3300lm - **CRI>90** - 38°
	grey		220**71270-1241**		
COB	white	1,60	220**71210-1241**	**40**	3000K - 3100lm - **CRI>90** - 38°
	grey		220**71270-1241**		

UGR<19



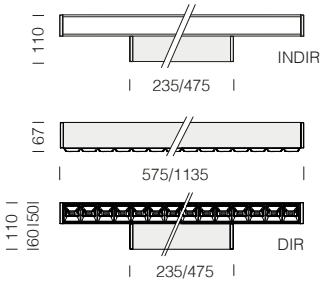
Liset 2.0

Housing: made of extruded aluminium.

Heads: in die cast aluminium.

LED: power factor: ≥0,92. Photobiological safety class: exempt group.

IP40 IK07

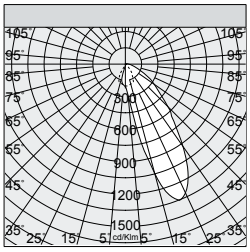


CRI >80

50.000h L80B20

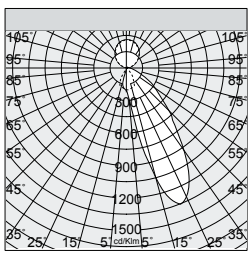
Liset 2.0 - asymmetric wall - DARK comfort optics - direct light

		CLD				LUMEN OUTPUT (tq= 25 °C)
LED	housing	L (mm)	weight	code	W tot	K - ølm - CRI
LED 14 lenses	white	585	2.00	22**304910**-00	**13**	4000K - 1670lm - CRI>80
	black			22**304930**-00		
LED 14 lenses	white	585	2.00	22**304910-39**	**13**	3000K - 1560lm - CRI>80
	black			22**304930-39**		
LED 28 lenses	white	1135	4.30	22**304911**-00	**26**	4000K - 3338lm - CRI>80
	black			22**304931**-00		
LED 28 lenses	white	1135	4.30	22**304911-39**	**26**	3000K - 3120lm - CRI>80
	black			22**304931-39**		



Liset 2.0 - asymmetric wall - DARK comfort optics dir. +diffuser ind.

		CLD				LUMEN OUTPUT (tq= 25 °C)
LED	housing	L (mm)	weight	code	W tot	K - ølm - CRI
LED 14 lenses	white	575	2.10	22**304810**-00	**26**	4000K - 2710lm - CRI>80
	black			22**304830**-00		
LED 14 lenses	white	575	2.10	22**304810-39**	**26**	3000K - 2540lm - CRI>80
	black			22**304830-39**		
LED 28 lenses	white	1135	4.50	22**304811**-00	**47**	4000K - 5238lm - CRI>80
	black			22**304831**-00		
LED 28 lenses	white	1135	4.50	22**304811-39**	**47**	3000K - 4925lm - CRI>80
	black			22**304831-39**		



Standard: all 1135 mm versions come with double switch buttons.
Complete with mounting brackets for wall mount applications.

Upon request:

- **CRI 90** - 3000K and 4000K
- DIMM-DALI version with subcode **-1241** (4000K) or **-3941** (3000K)
- PUSH-DIMM version with subcode **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K)
- 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)

iSpot Tech

Housing: made of die-cast aluminium.

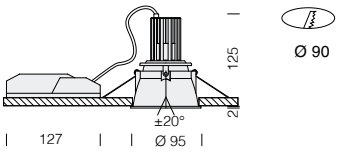
Reflector: high-efficiency metallised polycarbonate.

LED: power factor: ≥0,9. Photobiological safety class: exempt group.

iSpot Architectural

Housing: made of die-cast aluminium.
Lens: in PMMA with high efficiency output and very low glare rate.
LED: power factor: ≥0,9. Photobiological safety class: exempt group.

IP40 IK04



iSpot Tech

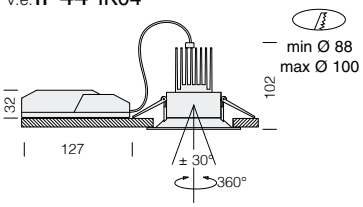
iSpot Tech

CRI 92

50.000h L80B20

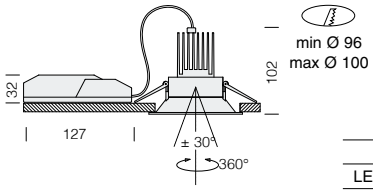
iSpot Architectural 1

v.a. IP20 IK04
v.e. IP44 IK04



iSpot Architectural 1

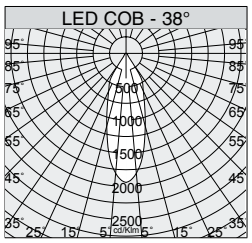
iSpot Architectural 2



iSpot Architectural 2

iSpot Tech 3

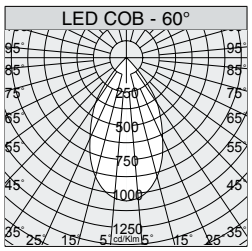
		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,30	22**167211**-00	**10**	4000K - 990lm - **CRI 92** - 38°
			22**167210**-00		3000K - 957lm - **CRI 92** - 38°



iSpot Architectural 1

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,30	22**167311**-00	**10**	4000K - 990lm - **CRI 92** - 60°
			22**167310**-00		3000K - 957lm - **CRI 92** - 60°

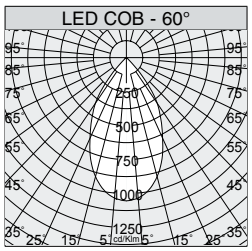
Universally applicable, suitable to replace downlights with cut out diameters ranging from 96mm to 100mm. **On request:** 15° - 38° version

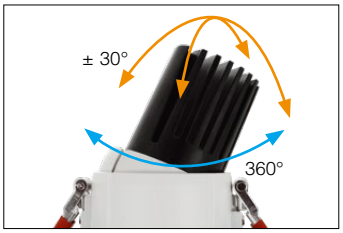


iSpot Architectural 2

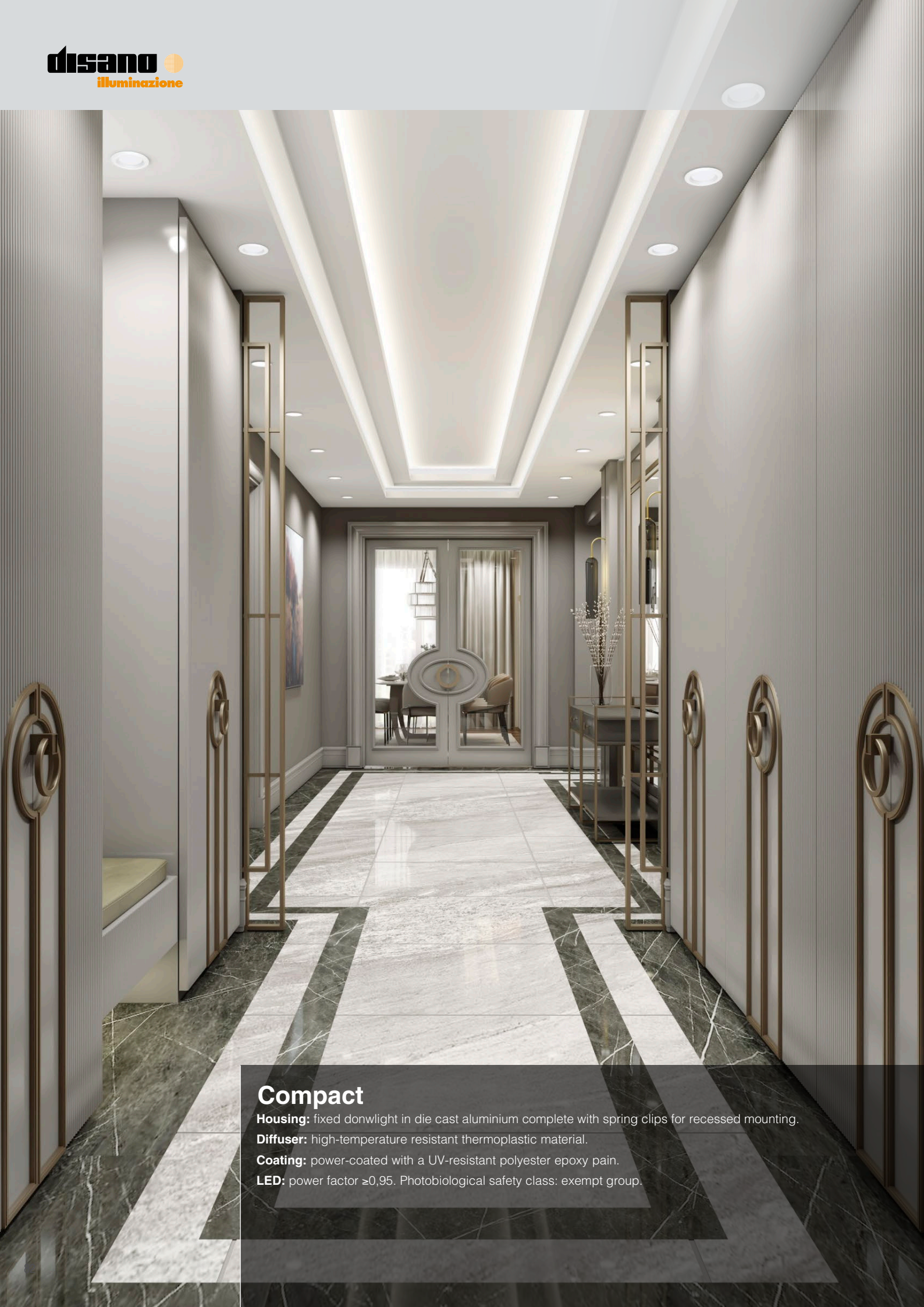
		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,30	22**167411**-00	**10**	4000K - 990lm - **CRI 92** - 60°
			22**167410**-00		3000K - 957lm - **CRI 92** - 60°

Universally applicable, suitable to replace downlights with cut out diameters ranging from 96mm to 100mm. **On request:** 15° - 38° version





iSpot Architectural 1-2



Compact

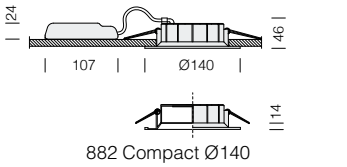
Housing: fixed donwlight in die cast aluminium complete with spring clips for recessed mounting.

Diffuser: high-temperature resistant thermoplastic material.

Coating: power-coated with a UV-resistant polyester epoxy pain.

LED: power factor ≥0,95. Photobiological safety class: exempt group.

v.a. IP20 IK07
v.l. IP44 IK07



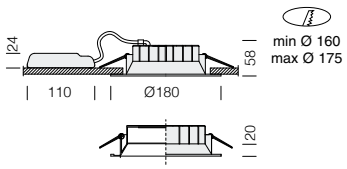
882 Compact Ø140

882 Compact Ø140

CRI 95

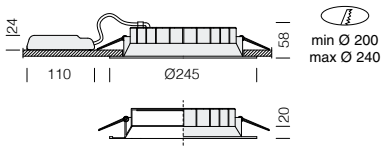
50.000h L80B20

883 Compact Ø180



883 Compact Ø180

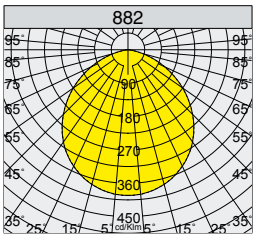
884 Compact Ø245



884 Compact Ø245

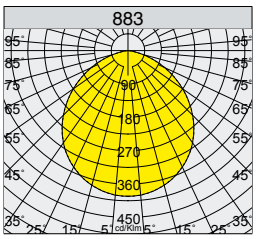
882 Compact - Ø140

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
LED	white	0.25	156405-00	**11**	4000K - 1279lm - **CRI 95**
			156405-39		3000K - 1216lm - **CRI 95**



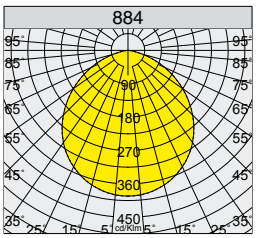
883 Compact - Ø180

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
LED	white	0.40	156415-00	**14**	4000K - 1777lm - **CRI 95**
			156415-39		3000K - 1688lm - **CRI 95**
LED	white	0.40	156416-00	**19**	4000K - 2182lm - **CRI 95**
			156416-39		3000K - 2073lm - **CRI 95**

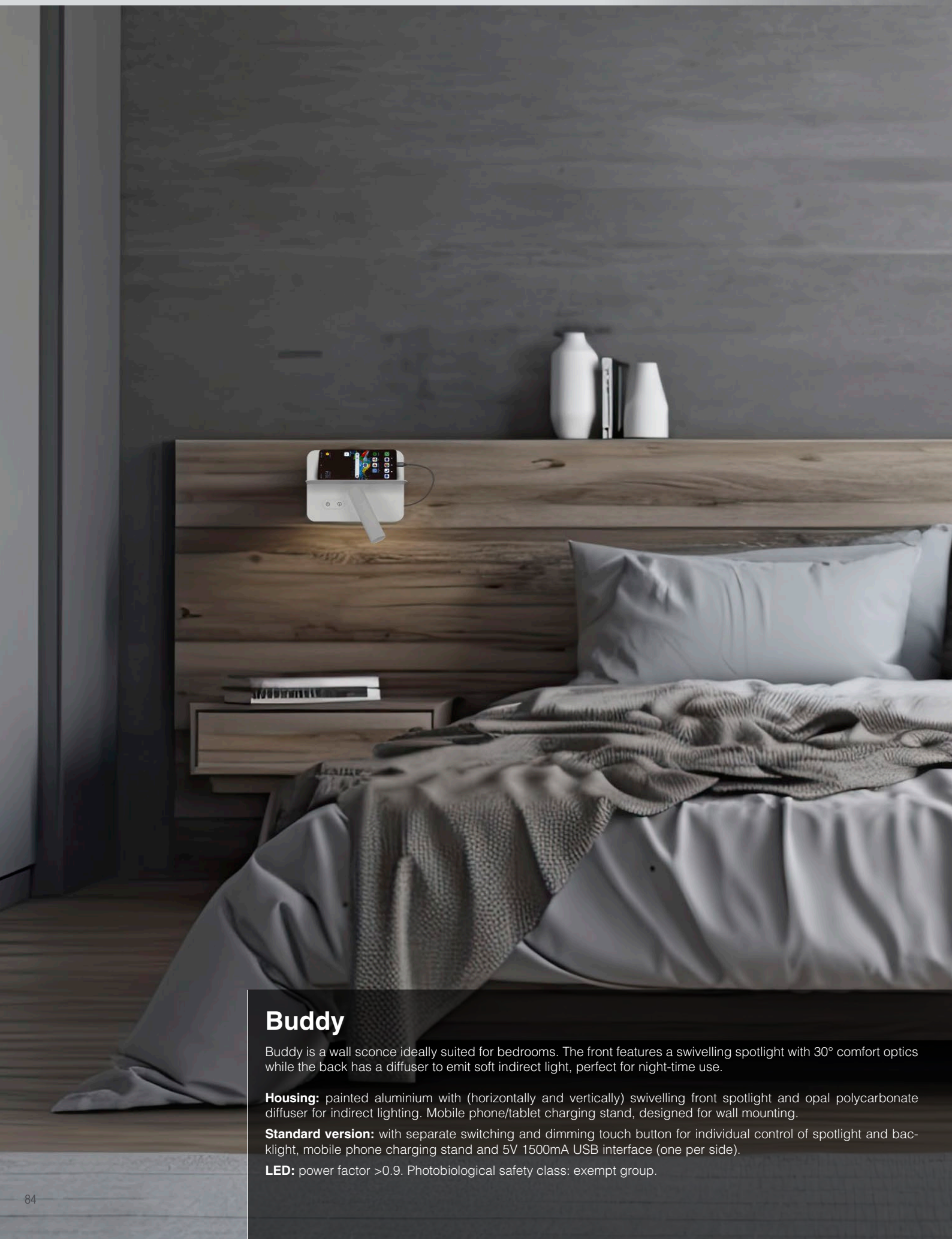


884 Compact - Ø245

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
LED	white	0.60	156424-00	**19**	4000K - 2316lm - **CRI 95**
			156424-39		3000K - 2200lm - **CRI 95**
LED	white	0.60	156425-00	**25**	4000K - 3245lm - **CRI 95**
			156425-39		3000K - 3063lm - **CRI 95**
LED	white	0.60	156427-00	**29**	4000K - 3665lm - **CRI 95**
			156427-39		3000K - 3482lm - **CRI 95**



acc. 590 wire spring adapters
998115-00
Wire spring adapters to increase the supporting surface. 2-pc set.



Buddy

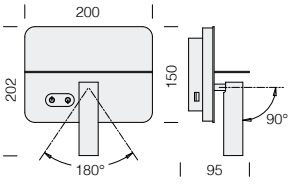
Buddy is a wall sconce ideally suited for bedrooms. The front features a swivelling spotlight with 30° comfort optics while the back has a diffuser to emit soft indirect light, perfect for night-time use.

Housing: painted aluminium with (horizontally and vertically) swivelling front spotlight and opal polycarbonate diffuser for indirect lighting. Mobile phone/tablet charging stand, designed for wall mounting.

Standard version: with separate switching and dimming touch button for individual control of spotlight and backlight, mobile phone charging stand and 5V 1500mA USB interface (one per side).

LED: power factor >0.9. Photobiological safety class: exempt group.

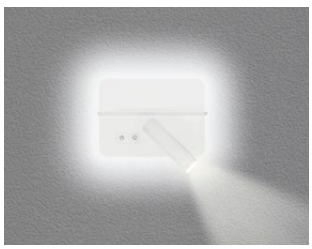
IP40 IK06



CRI >80

CRI >90

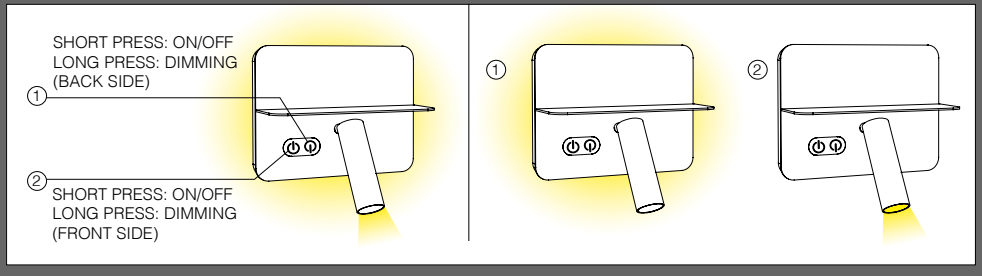
50.000h L80B20



Buddy - adjustable

		CLD D (TOUCH DIMM)			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
LED	white	0,90	220**36310**-00	**9**	BACKLIGHT: 4000K - 280lm - CRI>80 SPOT: 4000K - 340lm - **CRI>90** - 30°

Thanks to separate switching and dimming functions, made possible by two convenient touch buttons, you can obtain indirect backlighting for night-time use, or a pleasant light for reading with the swivelling spotlight with anti-glare optics.



Taco - V Moon

Taco is a small wall sconce, ideal for direct/indirect lighting; easy to install, it features a double rotating shaft that allows the luminaire to be rotated 350° horizontally and 28° vertically to screen the light and create surprising effects.

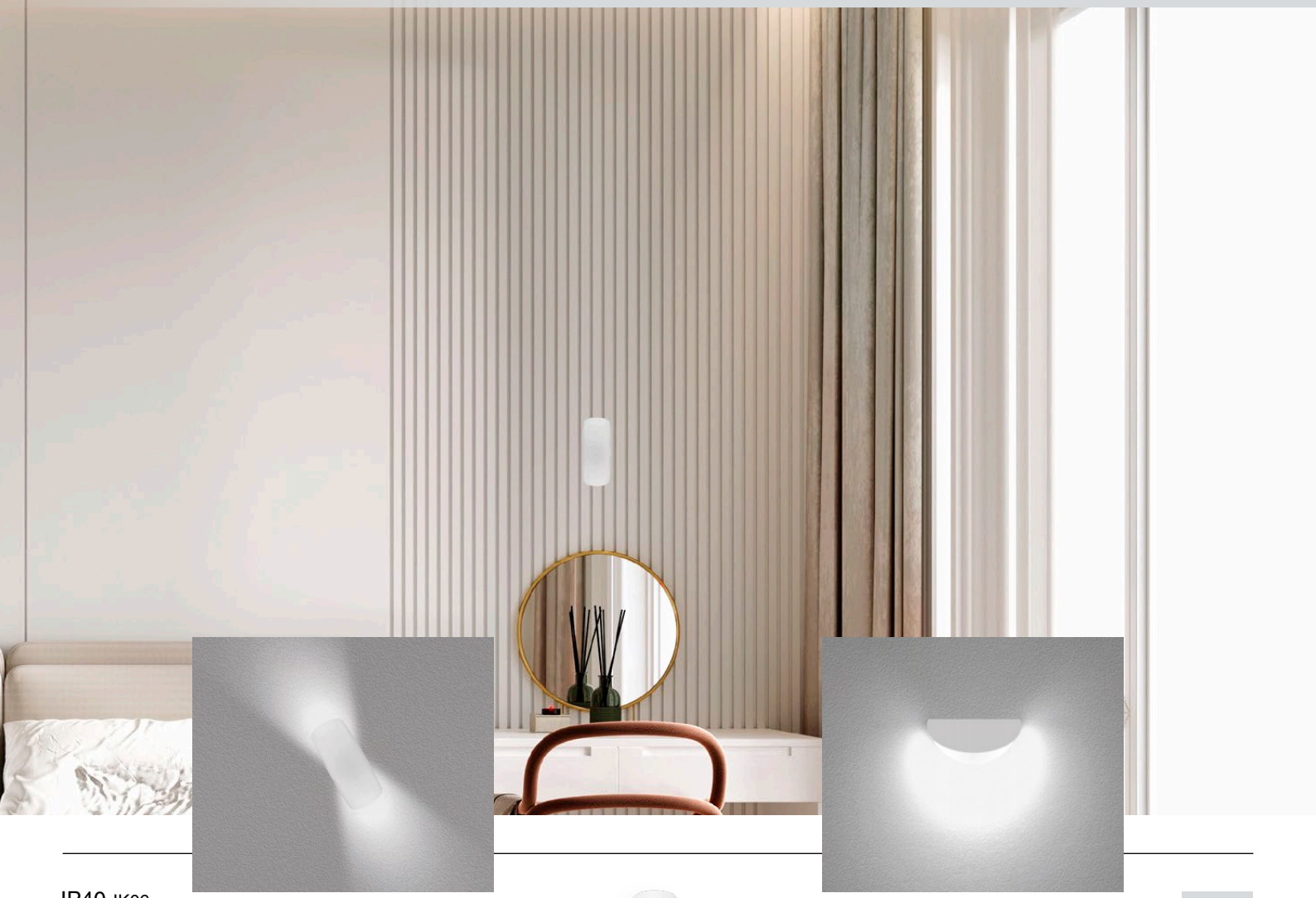
Housing: in painted galvanised steel sheet with matt polycarbonate diffuser, designed for wall-mounting.

LED: power factor >0.9. Photobiological safety class: exempt group.

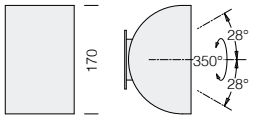
V Moon is a modern yet elegant wall sconce, ideal for rooms where diffused and comfortable lighting is needed.

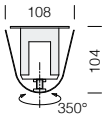
Housing: in painted aluminium with matt polycarbonate diffuser, designed for wall-mounting.

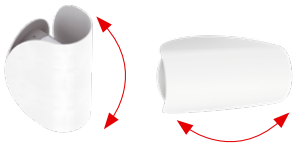
LED: power factor >0.9. Photobiological safety class: exempt group.



IP40 IK06





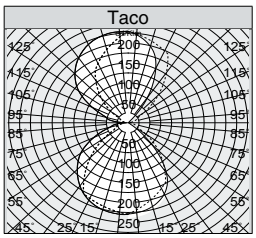


CRI >80

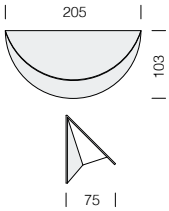
50.000h L80B50

Taco - adjustable

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
SMD	white	0,80	220**36110**-00	**8**	4000K - 700lm - CRI>80



IP40 IK06

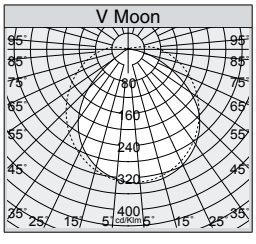


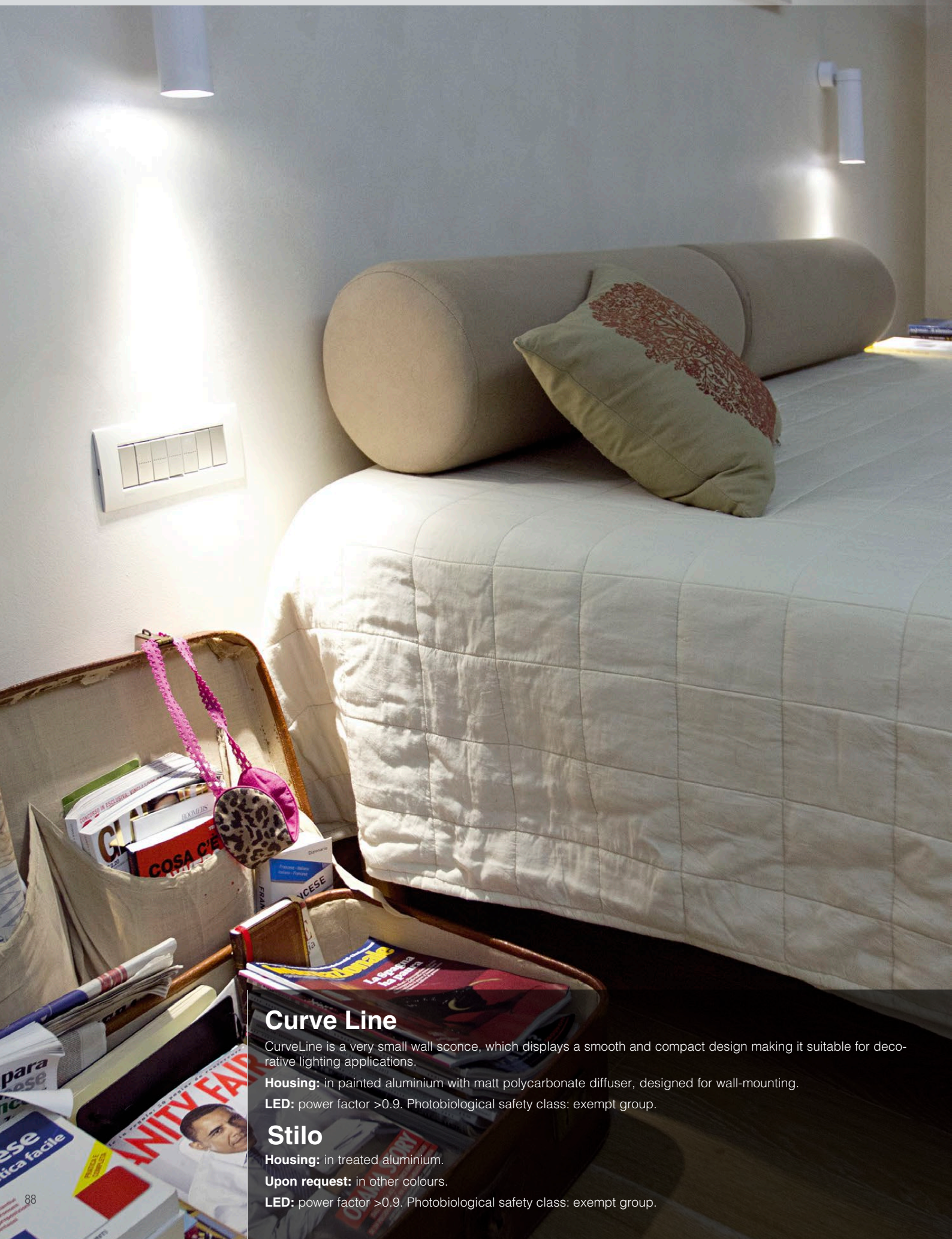
CRI >80

50.000h L80B50

V Moon

		CLD D			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
SMD	white	0,50	220**36010**-00	**10**	4000K - 700lm - CRI>80





Curve Line

CurveLine is a very small wall sconce, which displays a smooth and compact design making it suitable for decorative lighting applications.

Housing: in painted aluminium with matt polycarbonate diffuser, designed for wall-mounting.

LED: power factor >0.9. Photobiological safety class: exempt group.

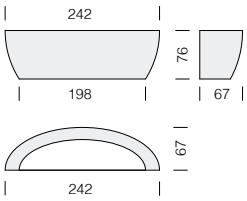
Stilo

Housing: in treated aluminium.

Upon request: in other colours.

LED: power factor >0.9. Photobiological safety class: exempt group.

IP40 IK06

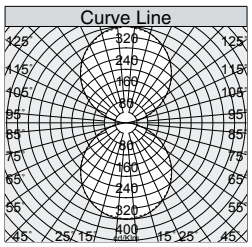


CRI >80

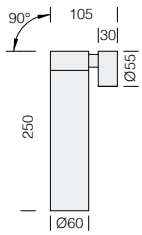
50.000h L80B20

CurveLine

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
SMD	white	0,70	220**36210**-00	**8**	3000K - 750lm - CRI>80



IP40 IK07

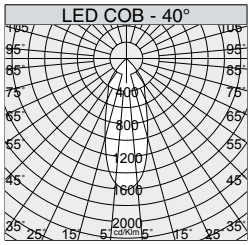


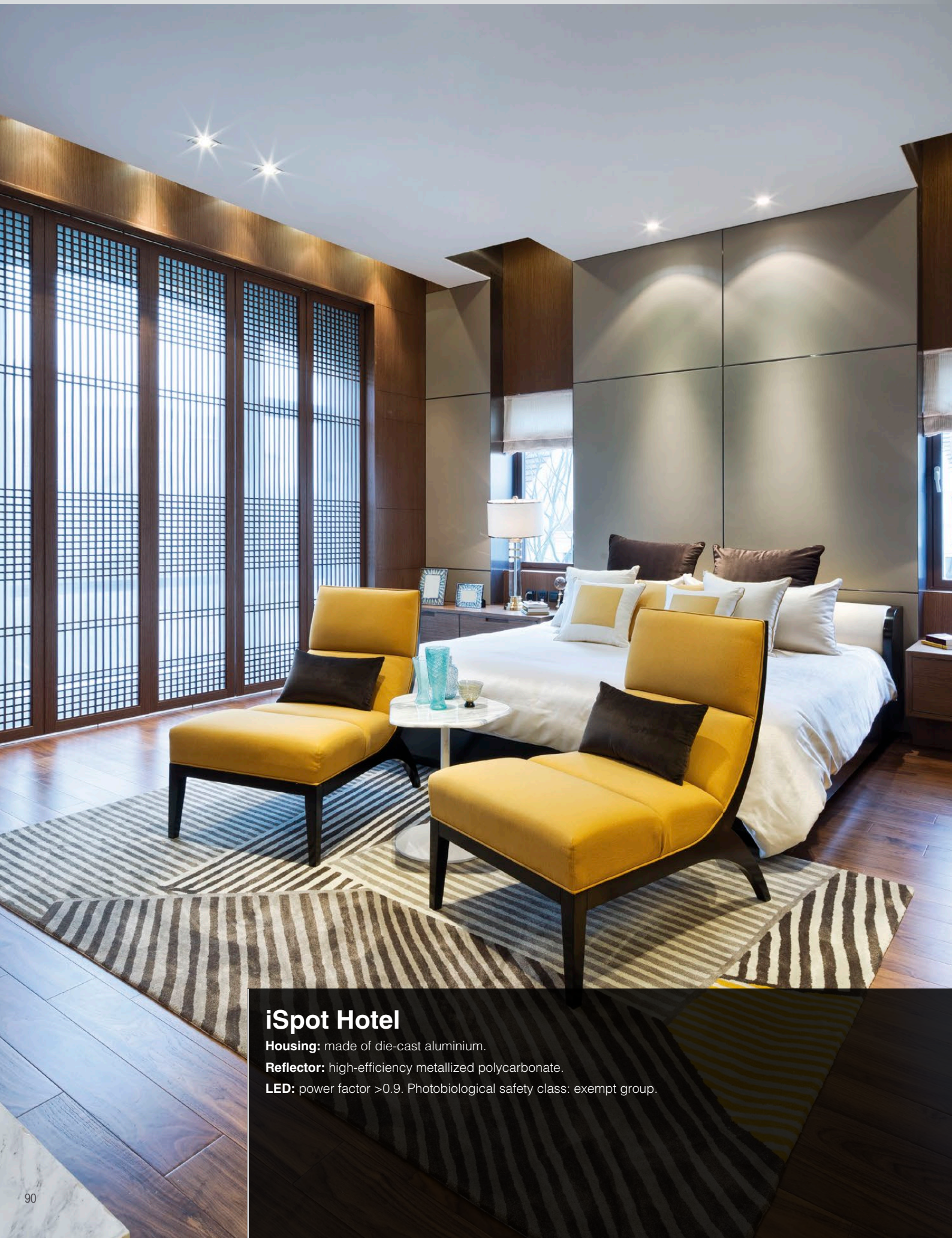
CRI >90

50.000h L80B20

Stilo PA2 - adjustable base

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,80	220**41911**-00	**10**	3000K - 893lm - **CRI>90** - 40°
	black		220**41931**-00		
	chrome		220**41961**-00		
		CLD-D (IGBT)			
COB	white	0,80	220**41910**-00	**10**	3000K - 893lm - **CRI>90** - 40°
	black		220**41930**-00		
	chrome		220**41960**-00		





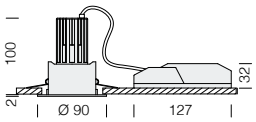
iSpot Hotel

Housing: made of die-cast aluminium.

Reflector: high-efficiency metallized polycarbonate.

LED: power factor >0.9. Photobiological safety class: exempt group.

IP40 IK04



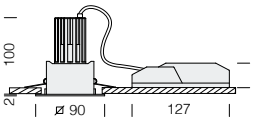
min Ø 70
max Ø 85

iSpot Hotel 1

iSpot Hotel 1

CRI 92

50.000h L80B20

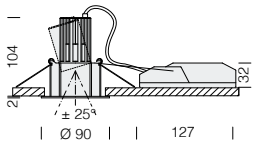


min Ø 70
max Ø 85

iSpot Hotel 2

iSpot Hotel 2

v.a. IP20 IK04
v.l. IP40 IK04

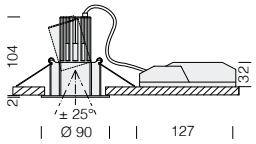


min Ø 70
max Ø 85

iSpot Hotel 3

iSpot Hotel 3

iSpot Hotel 4



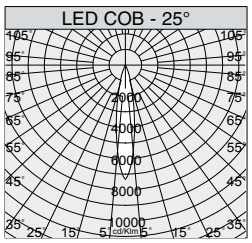
min Ø 70
max Ø 85

iSpot Hotel 4

iSpot Hotel 1

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,30	220**67711**-00	**10**	4000K - 478lm - **CRI 92** - 25°
			220**67710**-00		3000K - 413lm - **CRI 92** - 25°

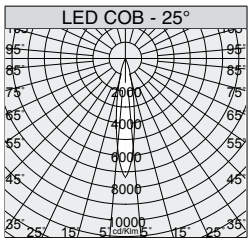
On request: available in black colour version.

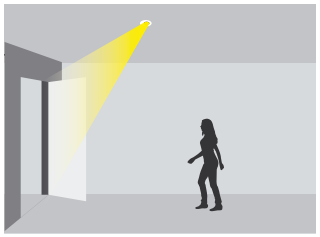


iSpot Hotel 2

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,30	220**67713**-00	**10**	4000K - 478lm - **CRI 92** - 25°
			220**67712**-00		3000K - 413lm - **CRI 92** - 25°

On request: available in black colour version.

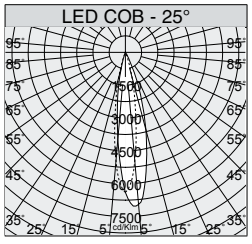


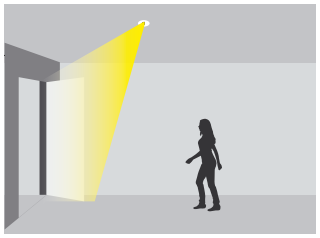


iSpot Hotel 3

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,30	220**67911**-00	**10**	4000K - 441lm - **CRI 92** - 25°
			220**67910**-00		3000K - 380lm - **CRI 92** - 25°

On request: available in black colour version.

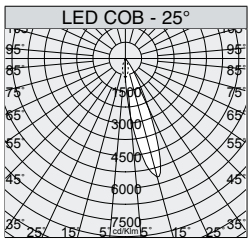




iSpot Hotel 4

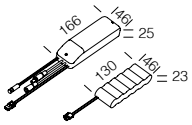
		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,30	220**67913**-00	**10**	4000K - 500lm - **CRI 92** - 25°
			220**67912**-00		3000K - 433lm - **CRI 92** - 25°

On request: available in black colour version.



EM power kit	
1h	220**96015**-00
3h	220**96033**-00

EM (emergency) lamp power kit complete with connectors.



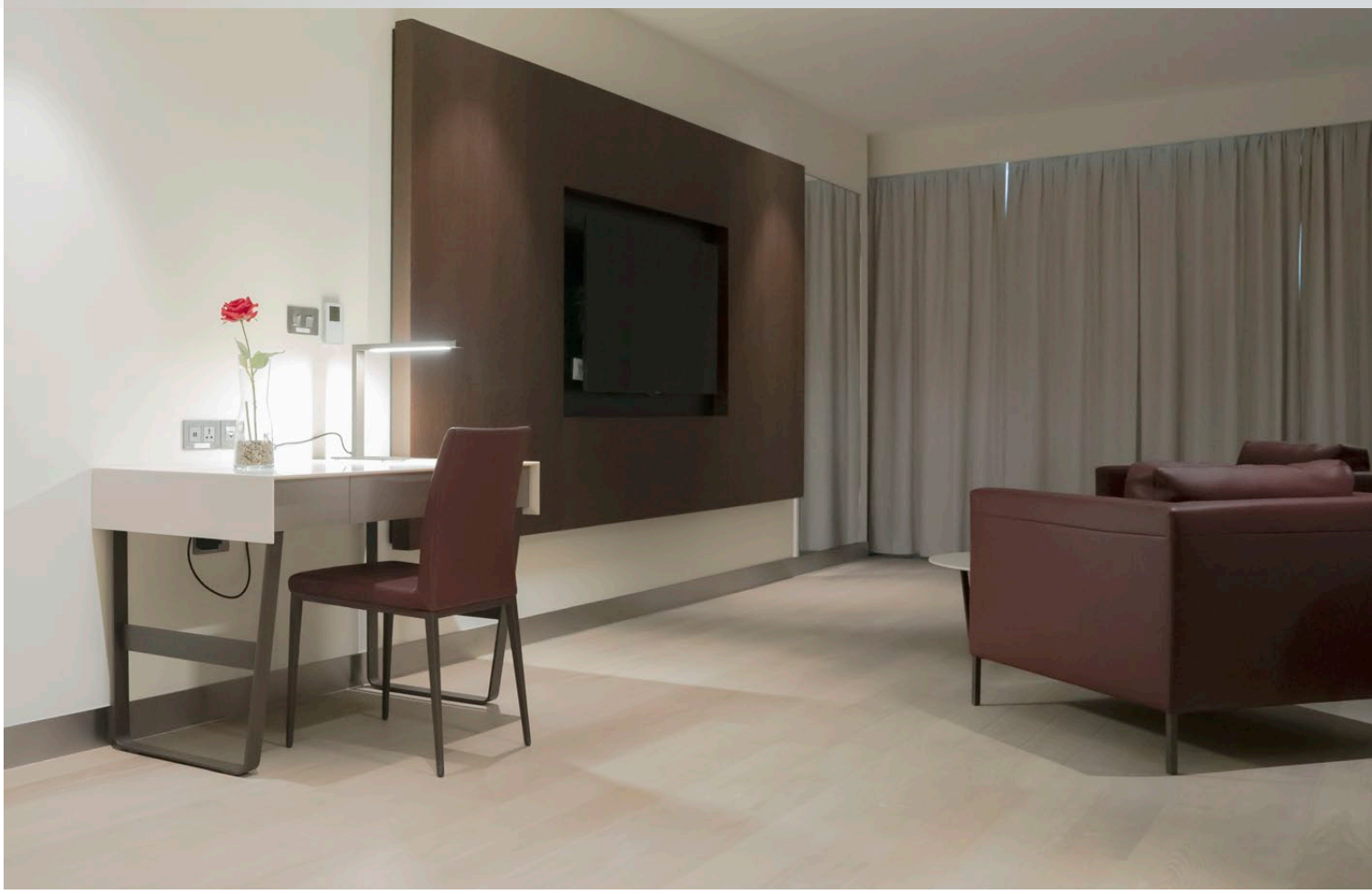
Domitilla

Housing: in steel, complete with DIMM power cable.

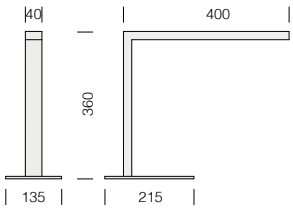
Diffuser: opal polycarbonate.

Equipment: complete with push-button on the cable and plug-in power supply to be connected directly to the power socket.

LED: power factor >0.9. Photobiological safety class: exempt group.



IP40 IK07



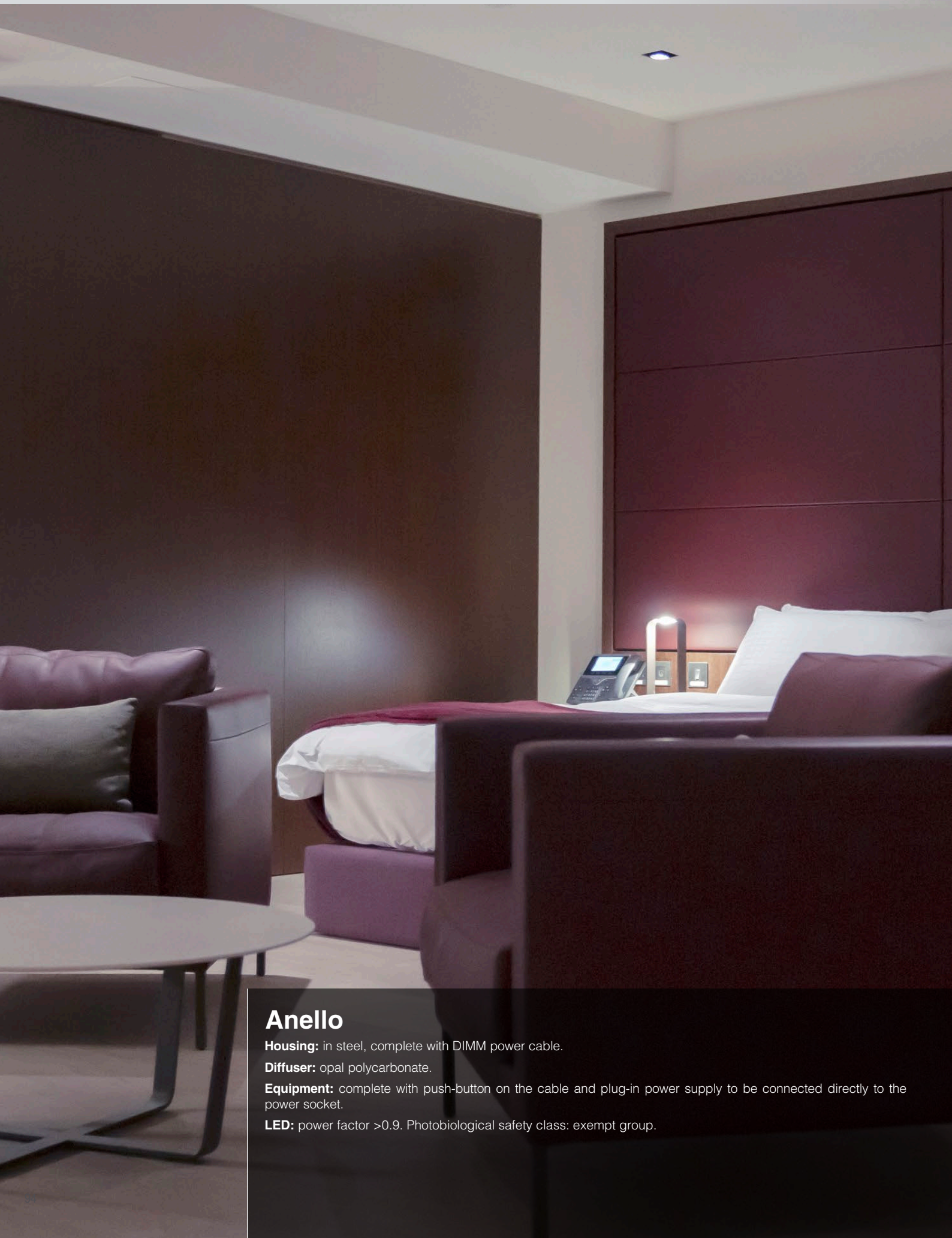
CRI >90

50.000h L80B20

Domitilla

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
LED	white	2,00	220**51010**-00	**8**	4000K - 630lm - **CRI>90**
			220**51010-39**		3000K - 588lm - **CRI>90**
LED	black	2,00	220**51030**-00	**8**	4000K - 630lm - **CRI>90**
			220**51030-39**		3000K - 588lm - **CRI>90**
LED	graphite	2,00	220**51070**-00	**8**	4000K - 630lm - **CRI>90**
			220**51070-39**		3000K - 588lm - **CRI>90**

Fosnova



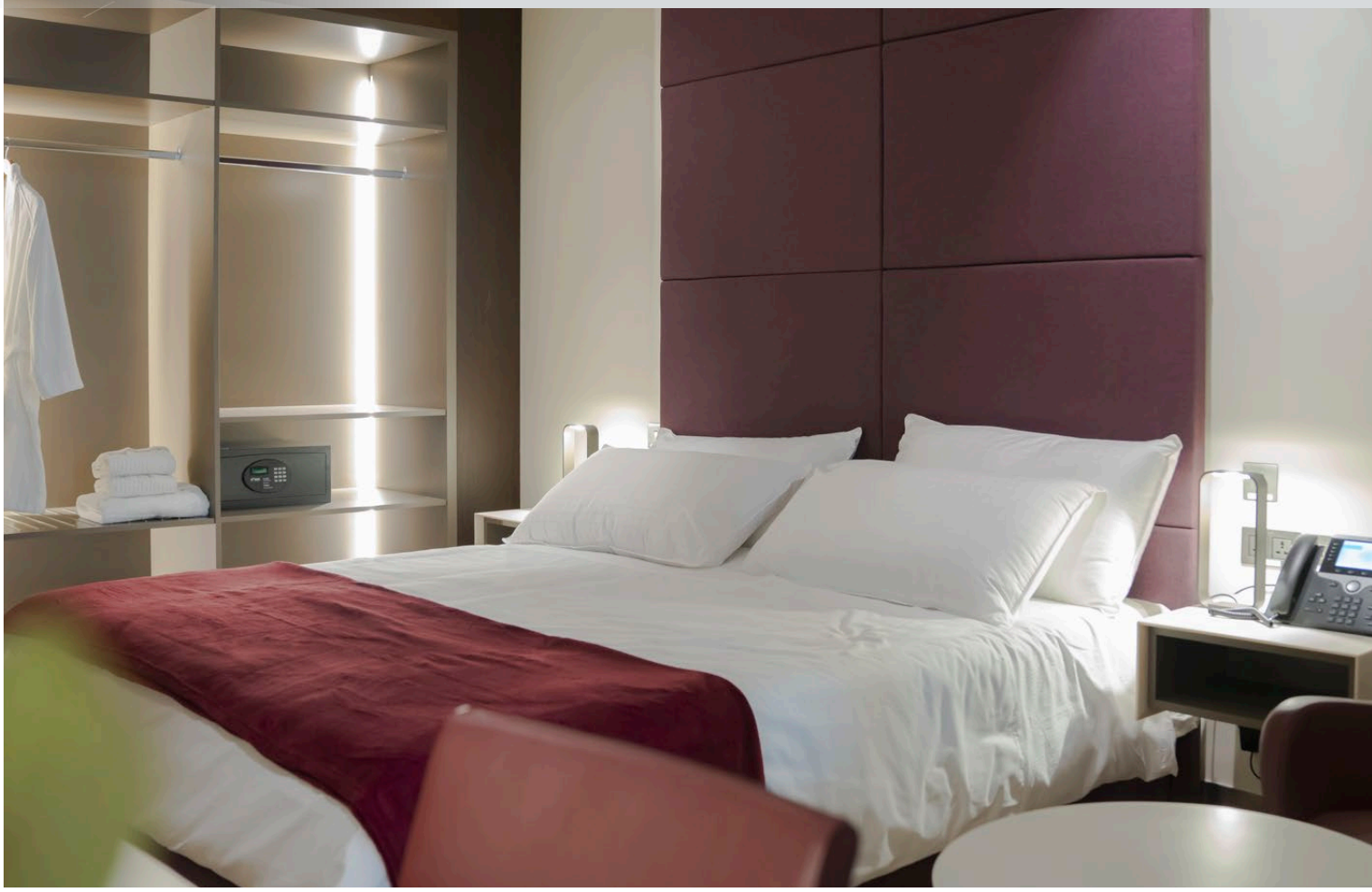
Anello

Housing: in steel, complete with DIMM power cable.

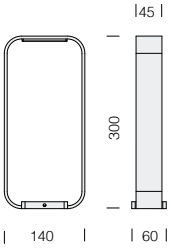
Diffuser: opal polycarbonate.

Equipment: complete with push-button on the cable and plug-in power supply to be connected directly to the power socket.

LED: power factor >0.9. Photobiological safety class: exempt group.



IP20 IK07

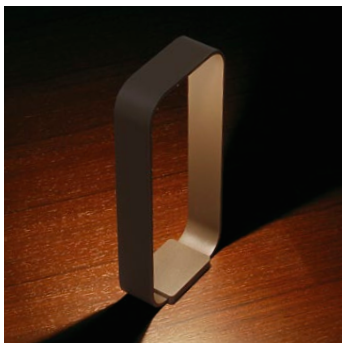


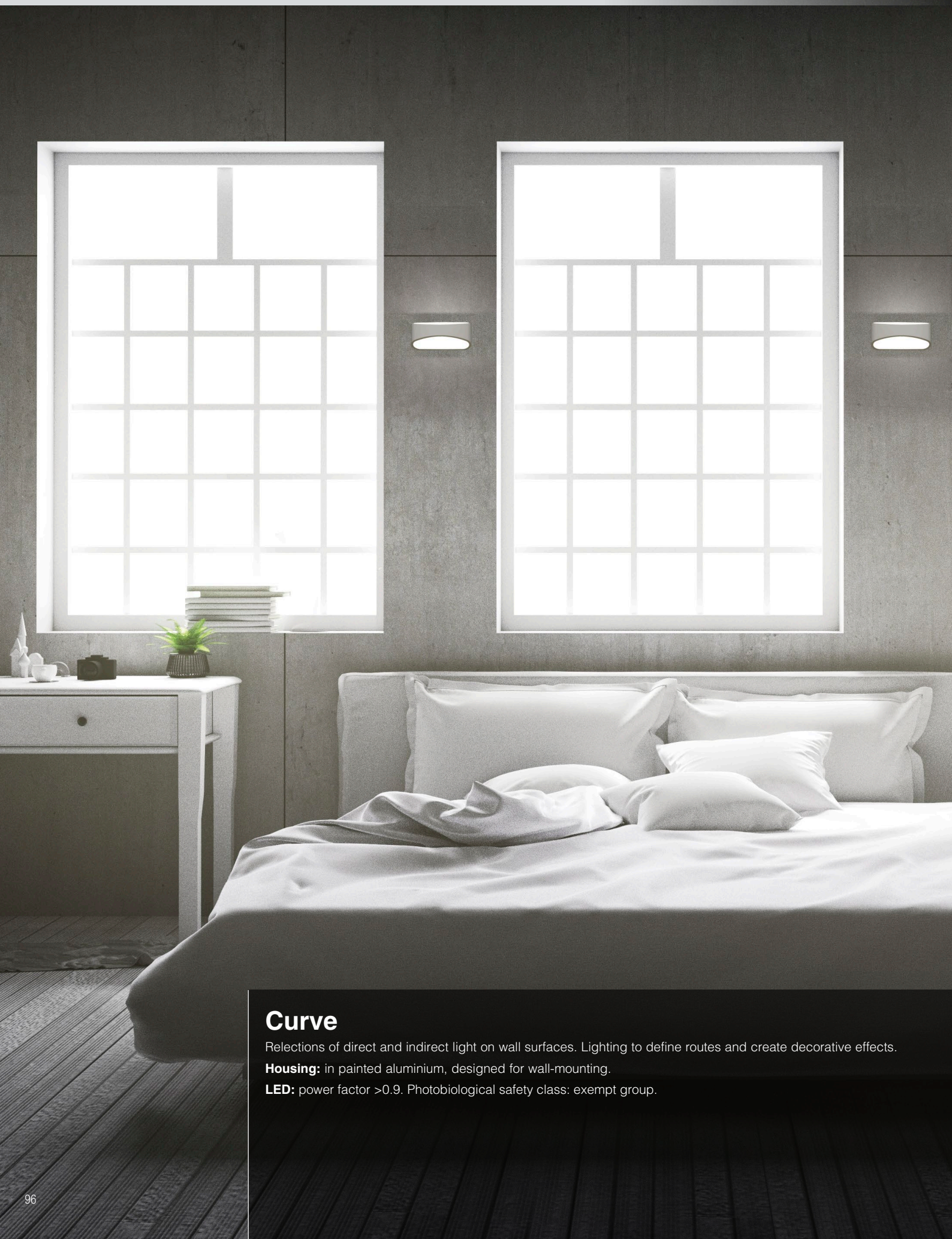
CRI >90

50.000h L80B20

Anello

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
LED	white	1,00	220**51110**-00	**6**	3000K - 290lm - **CRI>90**
	noir		220**51130**-00		
	graphite		220**51170**-00		





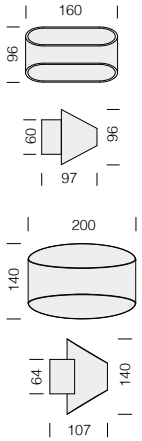
Curve

Relections of direct and indirect light on wall surfaces. Lighting to define routes and create decorative effects.

Housing: in painted aluminium, designed for wall-mounting.

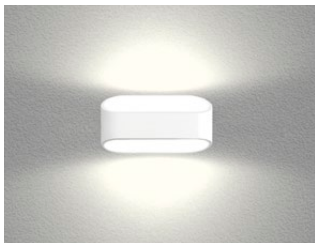
LED: power factor >0.9. Photobiological safety class: exempt group.

IP40 IK07



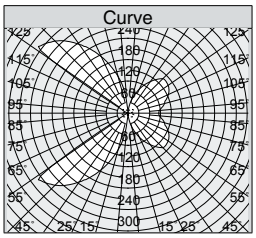
CRI >80

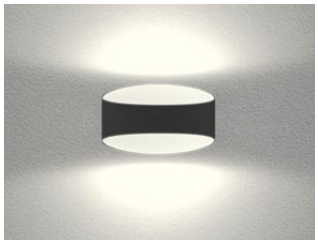
36.000h L70B50



Curve

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
COB	white	0,45	220**84811**-00	**6**	3000K - 351lm - CRI>80

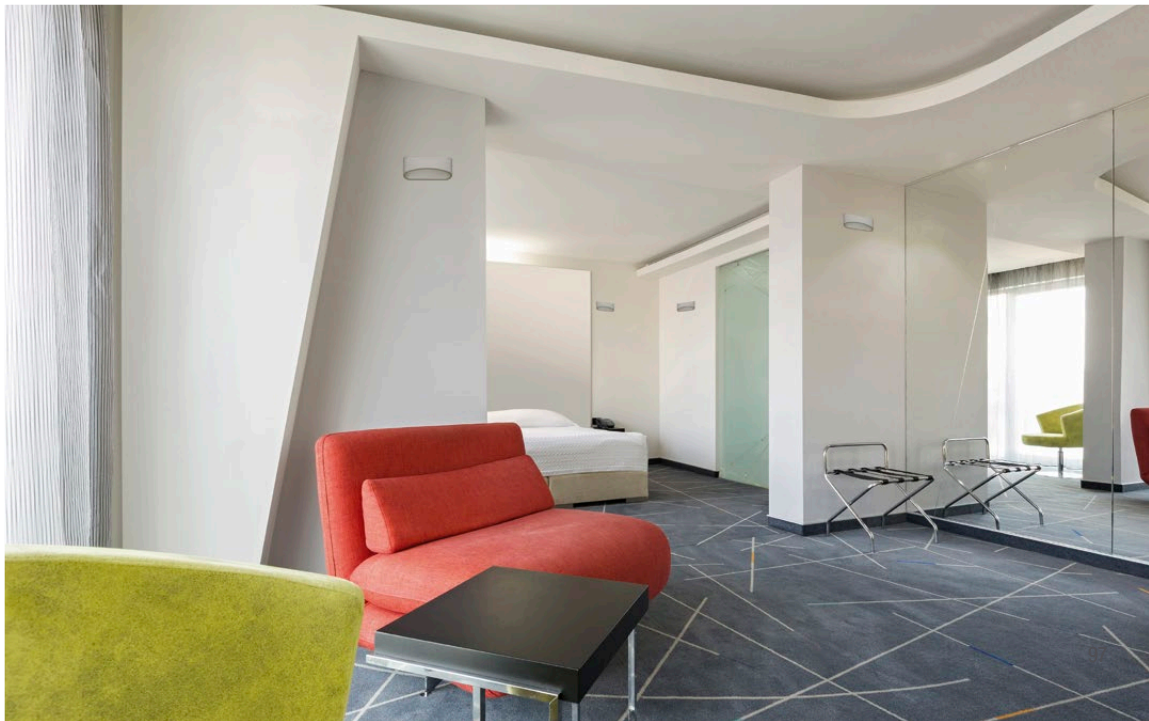




Curve BICOLOR - CCT SWITCH

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
SMD	black/white	0,60	220**84832**-00	**8**	3000K - 390lm - CRI>80 4000K - 430lm - CRI>80

The main feature of this luminaire is the "colour-changing" technology: with the built-in selector switch positioned on the fixture's body, you can choose the desired colour temperature (3000K or 4000K), adjusting its emission to most lighting installations.



Supplied standard with CCT SWITCH to choose the colour temperature from 3000K or 4000K.

Marte IP65

Housing: made of die-cast aluminium complete with spring clips for recessed mounting.

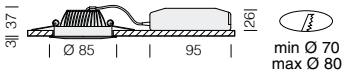
Reflector: high-efficiency metallised polycarbonate.

Equipment: silicone rubber protection gasket compliant with French low-energy building standards (**BBC**).

Standards: manufactured pursuant to EN 60598-1-CEI 34.21 and with a degree of protection pursuant to EN 60529.

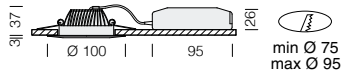
LED: power factor >0.9. Photobiological safety class: exempt group.

v.i. IP20 IK07 ⧈
v.e. IP65 IK07



min Ø 70
max Ø 80

Marte 4



min Ø 75
max Ø 95

Marte 5

Marte 4

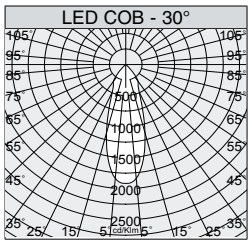
Marte 5

CRI 92

50.000h L80B20

Marte 4

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,25	220**61810-68**	**5**	4000K - 515lm - **CRI 92** - 30°
			220**61810**-00		3000K - 481lm - **CRI 92** - 30°

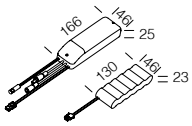


Marte 5

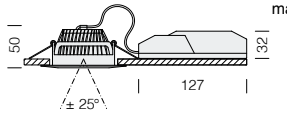
		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,25	220**61811-68**	**6**	4000K - 687lm - **CRI 92** - 30°
			220**61811**-00		3000K - 642lm - **CRI 92** - 30°

EM power kit	
1h	220**96015**-00
3h	220**96033**-00

EM (emergency) lamp power kit complete with connectors.



v.a. IP20 IK07 ⧈
v.l. IP65 IK07



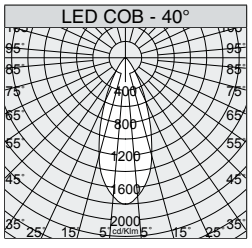
min Ø 80
max Ø 95

CRI 92

50.000h L80B20

Marte 12 - adjustable

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,35	220**61804-68**	**8**	4000K - 850lm - **CRI 92** - 40°
			220**61804**-00		3000K - 820lm - **CRI 92** - 40°



IP65 protection rating with silicone rubber gasket

Snow IP65

This recessed LED spotlight is the perfect solution for installations that are designed to hide their physical presence once fitted. These spotlights are shaped to blend perfectly into the false ceilings where they are fitted. Moreover, thanks to the high **IP65** protection rating, they can be easily installed in any type of space, to create amazing light effects.

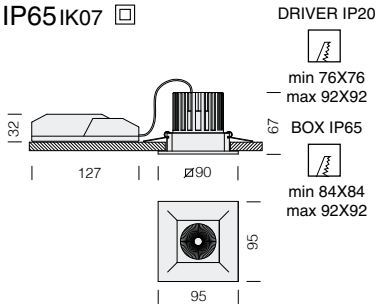
Housing: in die-cast aluminium with heat sink.

Installation: equipped with galvanised steel support brackets, with housing for springs for attachment to the false ceilings.

Equipment: silicone rubber protection gasket compliant with French low-energy building standards (**BBC**).

LED: power factor >0.9. Photobiological safety class: exempt group.

IP65 IK07



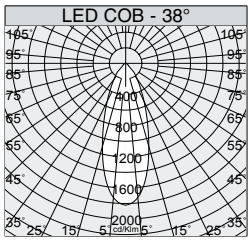
CRI >90

50.000h L80B20

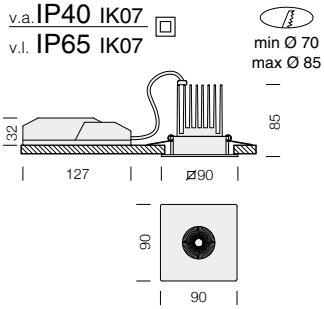
Snow 2

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,30	220**82710-68**	**12**	4000K - 1145lm - **CRI>90** - 38°
	silver		220**82770-68**		
COB	white	0,30	220**82710**-00	**12**	3000K - 1070lm - **CRI>90** - 38°
	silver		220**82770**-00		

Equipped with cable L=1,5m , cable gland and steel screws with special anticorrosion treatment.



v.a. IP40 IK07
v.l. IP65 IK07



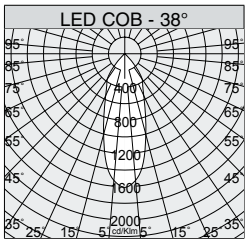
CRI 92

50.000h L80B20

On request: chrome version

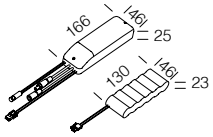
Snow 4

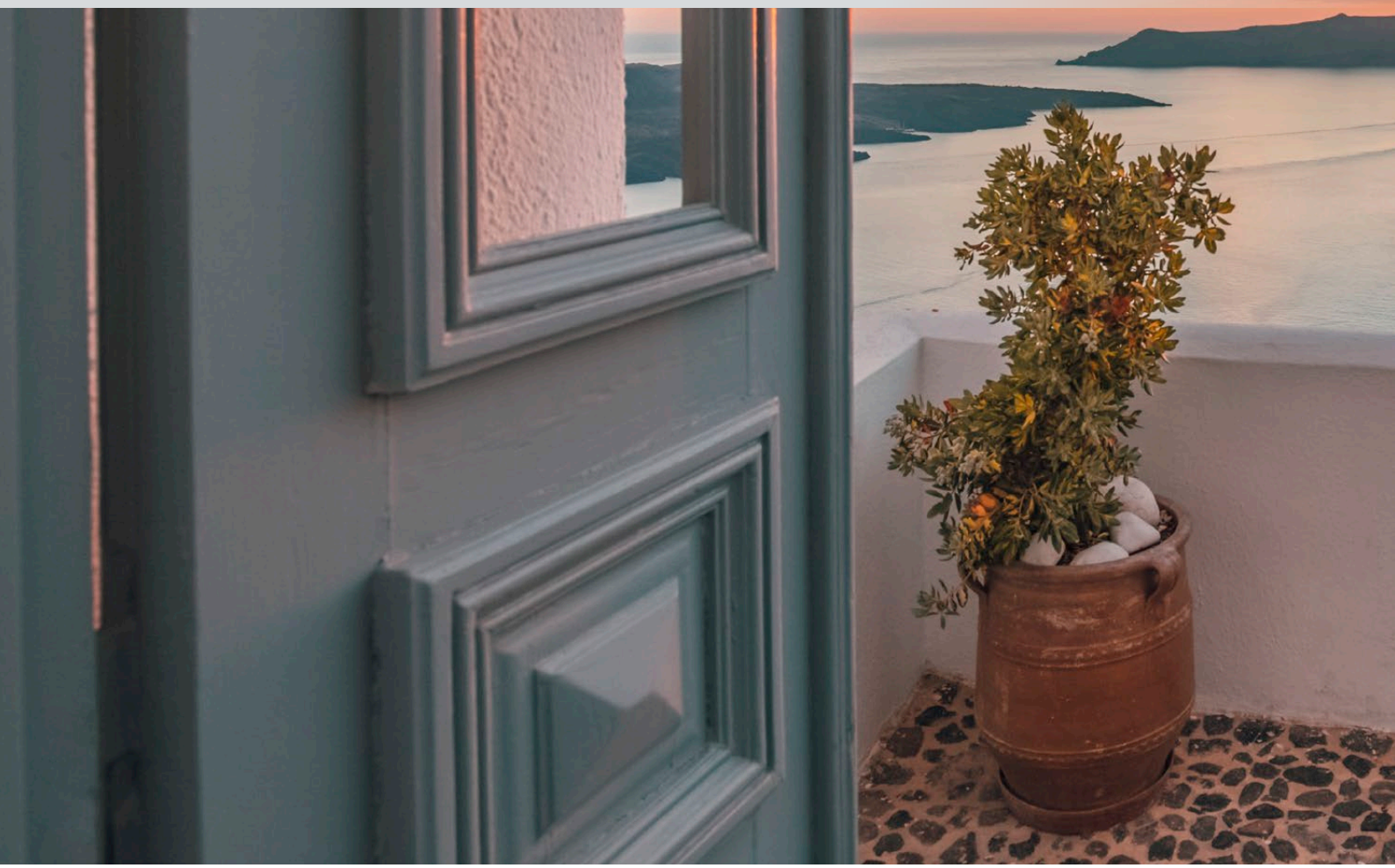
		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,30	220**82714**-00	**10**	4000K - 990lm - **CRI 92** - 38°
	black		220**82734**-00		
COB	white	0,30	220**82713**-00	**10**	3000K - 957lm - **CRI 92** - 38°
	black		220**82733**-00		

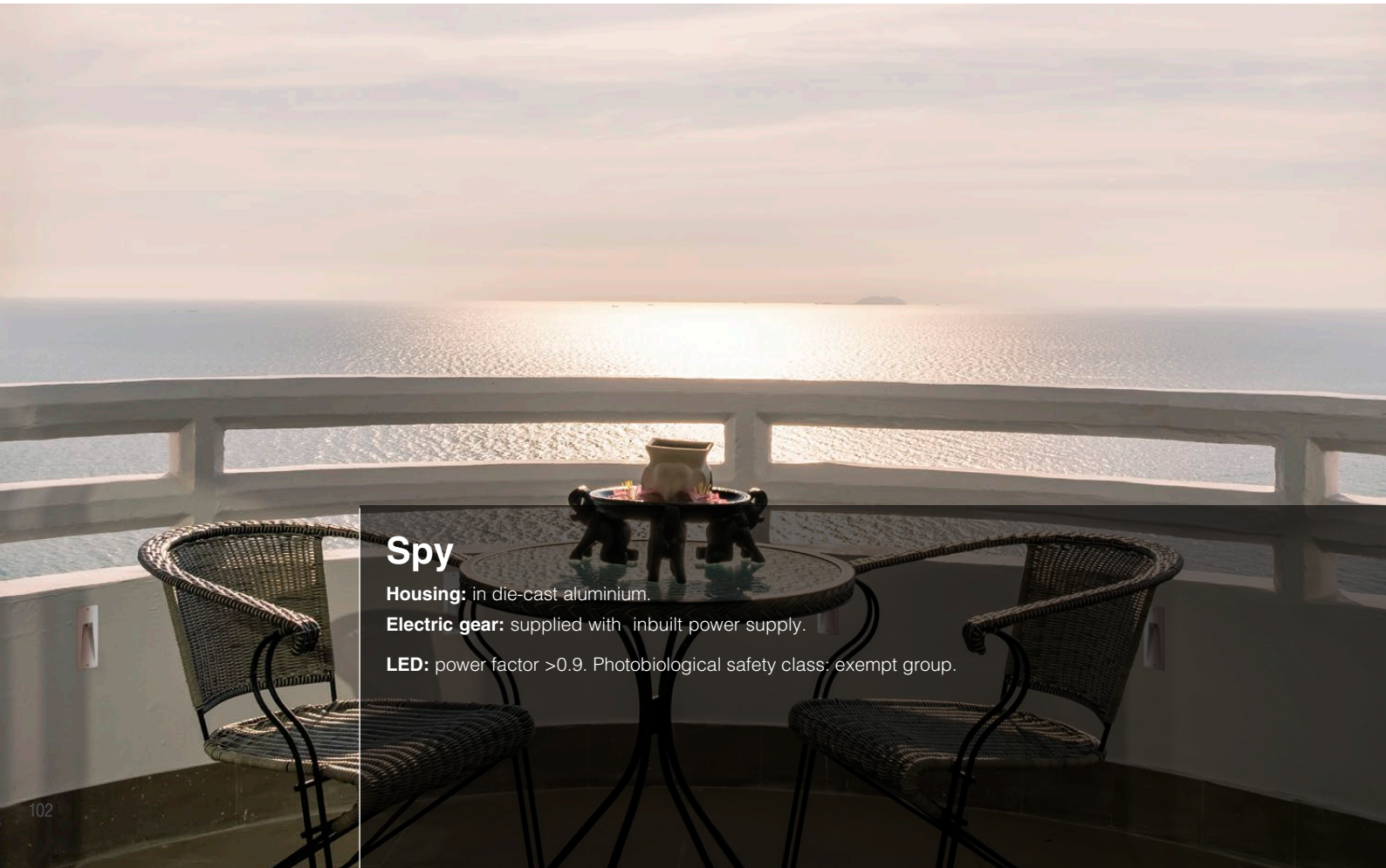


EM power kit	
1h	220**96015**-00
3h	220**96033**-00

EM (emergency) lamp power kit complete with connectors.





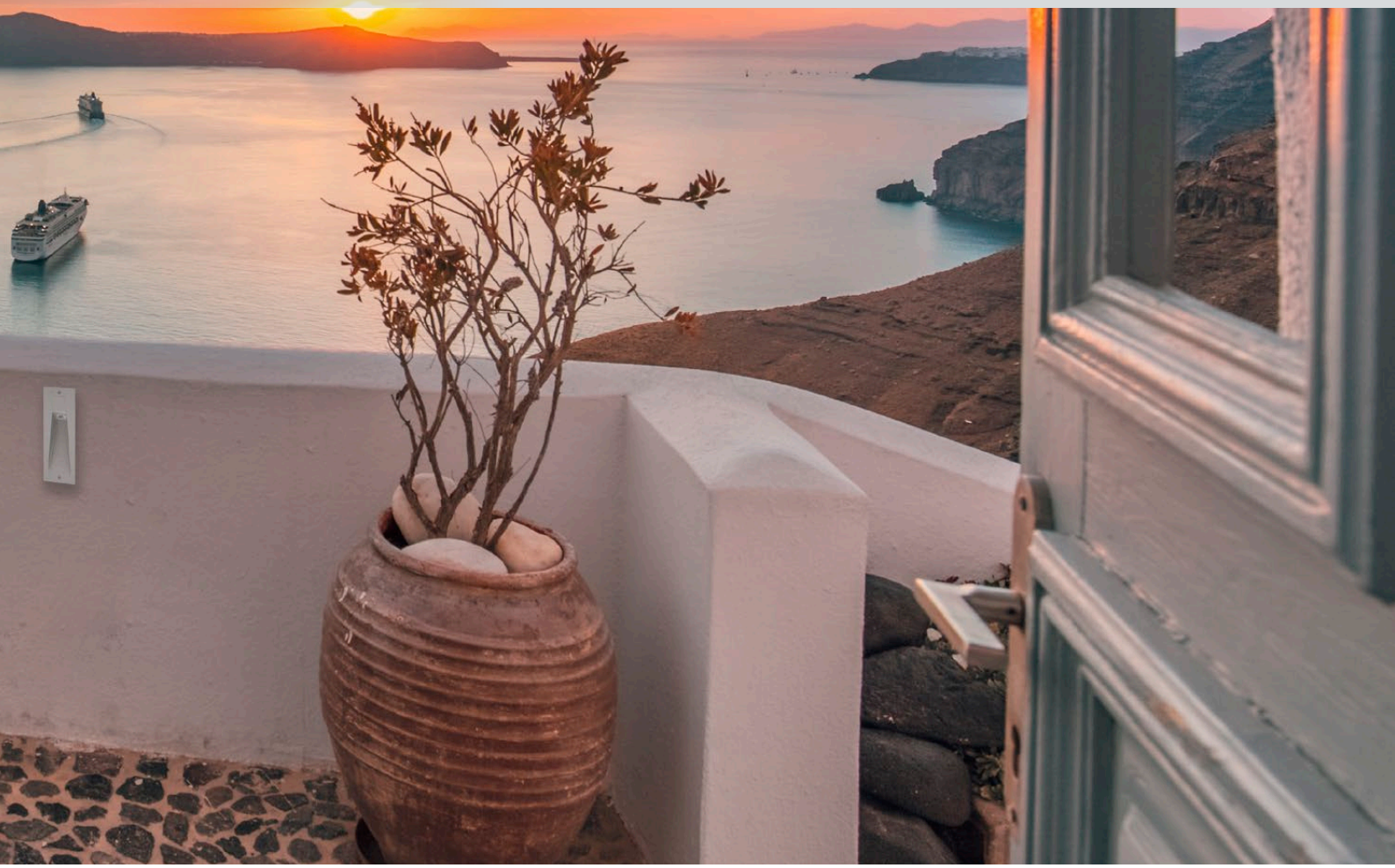


Spy

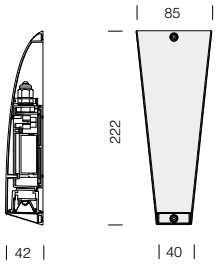
Housing: in die-cast aluminium.

Electric gear: supplied with inbuilt power supply.

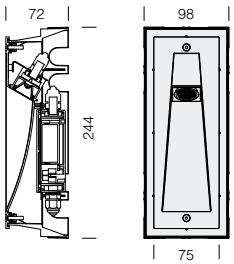
LED: power factor >0.9. Photobiological safety class: exempt group.



IP65 IK08



1675



1676

1675

1676

CRI >80

25.000h L70B50

1675 Spy

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm (350mA) - CRI - degrees
LED	grey 9007	0.50	530672-00	**2,5**	4000 K - 150 lm - CRI>80 - 10°

1676 Spy

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm (350mA) - CRI - degrees
LED	grey 9007	0.50	530683-00	**2,5**	4000 K - 150 lm - CRI>80 - 24°

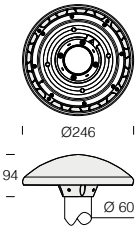
Amalfi

Cover: made of die-cast aluminium.
Pole connection: pressed in die-cast aluminium. Suited for poles with a diameter 60mm.
Diffuser: in vandal-resistant V2 self-extinguishing matt polycarbonate, UV-stabilized.
Standard supply: supplied with socket-pin connector for quick installation.
LED: power factor >0.9. Photobiological safety class: exempt group.

Box

Housing: vandal resistant nylon, UV-stabilised.
Frame: die-cast aluminium.
Diffuser art. 1209-1210-1211: in glass.
Diffuser art. 1206-1207-1208: in opal plexiglass.
LED: power factor >0.9. Photobiological safety class: exempt group.

IP65 IK08

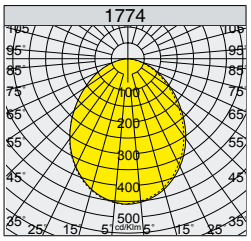


CRI 80

50.000h L80B20

1774 Amalfi

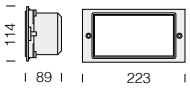
		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm 350mA - CRI
LED	graphite	2.00	424241-00	**14**	4000K - 877lm - CRI 80
			424241-39		3000K - 816lm - CRI 80
LED	white	2.00	424242-00	**14**	4000K - 877lm - CRI 80
			424242-39		3000K - 816lm - CRI 80



COMPARISON: AMALFI LED - TRADITIONAL LAMPS		
LAMP	**WATTAGE**	**ENERGY SAVING**
ALO 70	70W	**80%**
FLC 23	23W	**40%**
MBF 50	50W	**72%**
AMALFI LED	**14W**	-

This product is an evolution of the classic street lamp, which has become obsolete and no longer compliant with existing lighting pollution regulations. **Amalfi** ensures optimal distribution of light without upward dispersion and offers the performance of energy-efficient LEDs with exent colour rendering; it is made to allow quick and easy installation. Thanks to the quality of the materials used and innovative LED-centric design, the Amalfi fixture is built to last.

IP54IK08



CRI 80

1209 Box - with diffuser

		CLD			LED (tj= 25 °C)
230V	colour	weight	code	W	K - ølm 230V - CRI
LED	graphite	0.50	431002-00	**3**	4000K - 280lm - CRI 80

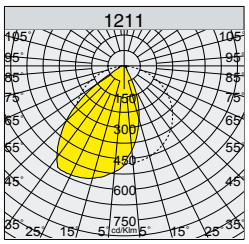
1210 Box - with vertical screen

		CLD			LED (tj= 25 °C)
230V	colour	weight	code	W	K - ølm 230V - CRI
LED	graphite	0.50	431502-00	**3**	4000K - 280lm - CRI 80

Upon request, versions with coloured LEDs.

1211 Box - with horizontal screen

		CLD			LED (tj= 25 °C)
230V	colour	weight	code	W	K - ølm 230V - CRI
LED	graphite	0.50	431602-00	**3**	4000K - 280lm - CRI 80



1206 Box - with opal diffuser

		CLD S	
potenza	colour	weight	code
LED (LAMP E14)	graphite	0.50	431001-00

1207 Box - opal with vertical screen

		CLD S	
LED	colour	weight	code
LED (LAMP E14)	graphite	0.50	431501-00

1208 Box - opal with horizontal screen

		CLD S	
LED	colour	weight	code
LED (LAMP E14)	graphite	0.50	431601-00

As standard, designed to fit LED lamp with E14 connector (max 5,5W - 470lm).

☆ ☆ ☆ ☆
Hotel
☆ ☆ ☆ ☆ ☆

All inclusive

Podio pag. **108**

Portofino slim pag. **110**

Liset 2.0 pag. **112**

Liset 2.0 Trimless pag. **114**

Liset 2.0 "INFINITY" pag. **116**

Ines pag. **118**

Square pag. **120**

Stilo pag. **122**

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Solus pag. **130**

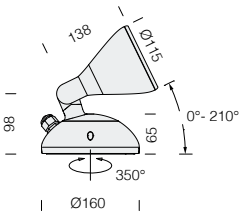
New iSpot Comfort pag. **130**

Jet IP65 pag. **132**

Podio

Housing/frame: in die-cast aluminium with central articulated joint in die-cast aluminium.
Base: in die-cast aluminium.
Diffuser: in extra clear tempered glass, 4 mm thick, resistant to thermal shocks and impacts.
Graphite coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating. **Grey 9006 and white:** the standard powder coating consists of a first metal surface pre-treatment stage and of single layer of UV-stabilised, corrosion and salt resistant polyester powder coating.
On request: coating COMPLIANT with UNI EN ISO 9227 Corrosion tests in artificial atmospheres for aggressive environments.
Standard Supply: electronic safety device to protect the LED module and the related ballast compliant with EN 61547.
LED: power factor ≥0,92. Photobiological safety class: exempt group.

IP66IK08



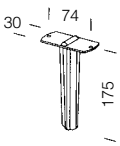
CRI >90

50.000h L80B20

acc. 119 spike

991335-00

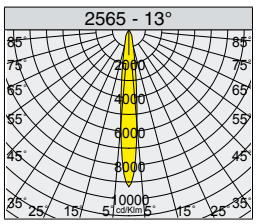
In fiber glass nylon. For planting Podio into the ground.

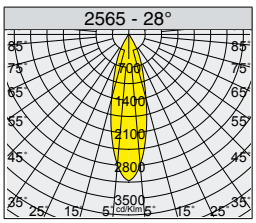


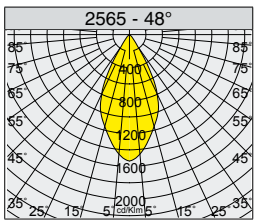
2565 Podio - with reflector

		CLD			LUMEN OUTPUT (Tq=25°C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	grey 9006	1.50	422510-00	**28**	4000K - 1928lm - **CRI>90** - 13°
	graphite		422511-00		
COB	grey 9006	1.50	422514-00	**28**	4000K - 1988lm - **CRI>90** - 28°
	graphite		422515-00		
COB	grey 9006	1.50	422518-00	**28**	4000K - 1985lm - **CRI>90** - 48°
	graphite		422519-00		
COB	grey 9006	1.50	422512-00	**42**	4000K - 3021lm - **CRI>90** - 13°
	graphite		422513-00		
COB	grey 9006	1.50	422516-00	**42**	4000K - 3116lm - **CRI>90** - 28°
	graphite		422517-00		
COB	grey 9006	1.50	422558-00	**42**	4000K - 3111lm - **CRI>90** - 48°
	graphite		422559-00		

Upon request version with: **CLD D-D (DALI)** wiring with **sub-code -0041.**







Portofino slim

Housing: in die-cast aluminium.

Column: in extruded aluminium, cylindrical section.

Base column: in die-cast aluminium with internal reinforcement ribs.

Diffuser: in vandal-resistant V2 self-extinguishing polycarbonate, UV-stabilized.

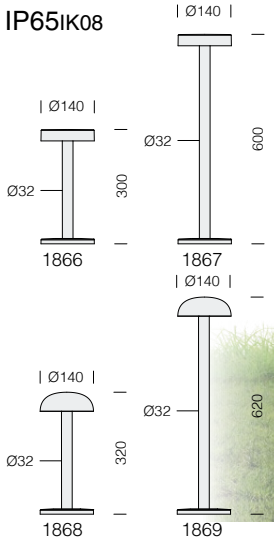
Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating.

Equipment: complete with IP67 watertight connector for line connection. Easy and quick to install.

LED: power factor ≥0,9. Photobiological safety class: exempt group.

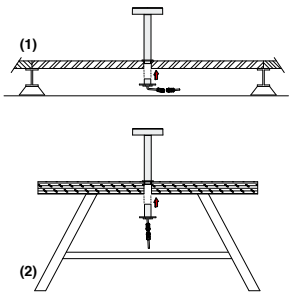
Portofino slim

IP65 IK08

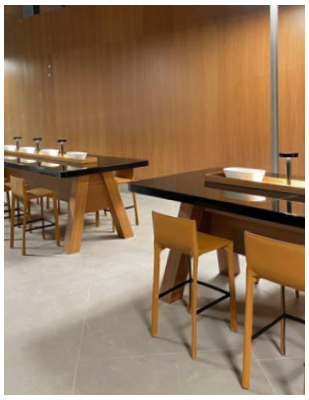


CRI >80

50.000h L70B50



Upon request: Portofino slim with special connector, ideal for installation on floating floors (1) or to allow use as a table lamp (2).



1866 Portofino slim - short version

		CLD			LUMEN OUTPUT (tq= 25 °C)
230V	colour	weight	code	W tot	K - ølm (230V) - CRI
LED	graphite	0.80	511142-00	10	4000K - 801lm - CRI>80
			511142-39		3000K - 745lm - CRI>80

1867 Portofino slim - medium version

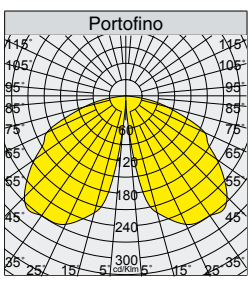
		CLD			LUMEN OUTPUT (tq= 25 °C)
230V	colour	weight	code	W tot	K - ølm (230V) - CRI
LED	graphite	1.60	511152-00	10	4000K - 801lm - CRI>80
			511152-39		3000K - 745lm - CRI>80

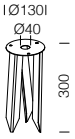
1868 Portofino slim - short version

		CLD			LUMEN OUTPUT (tq= 25 °C)
230V	colour	weight	code	W tot	K - ølm (230V) - CRI
LED	graphite	0.90	511182-00	10	4000K - 801lm - CRI>80
			511182-39		3000K - 745lm - CRI>80

1869 Portofino slim - medium version

		CLD			LUMEN OUTPUT (tq= 25 °C)
230V	colour	weight	code	W tot	K - ølm (230V) - CRI
LED	graphite	1.10	511192-00	10	4000K - 801lm - CRI>80
			511192-39		3000K - 745lm - CRI>80

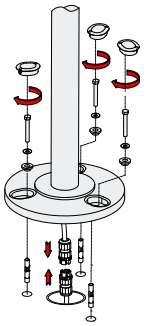




acc. 121 spike

inox	991337-00

In AISI 304 stainless steel. For planting Portofino short verson into the ground.



Portofino family

art. 1881 art. 1874 art. 1866 art. 1867 art. 1875 art. 1876 art. 1878 corten art. 1878 art. 1868 art. 1869 art. 1879 art. 1880

Liset 2.0

Housing: made of extruded aluminium.

Heads: in die cast aluminium.

LED: power factor: ≥0,92. Photobiological safety class: exempt group.

Upon request:

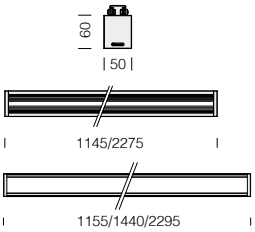
- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K
- 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)

Upon request:

natural light wood, natural dark wood

smooth: silver, anodic ice, golden beach, bronze

IP40 IK07

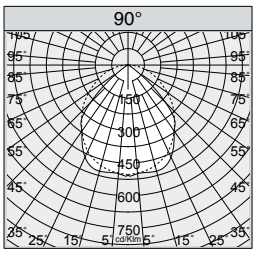


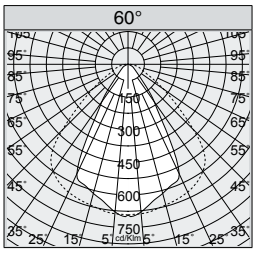
CRI > 80

50.000h L80B20

Liset 2.0 HE - ceiling - 90°

		CLD (ON-OFF)				LUMEN OUTPUT (tq= 25 °C)
LED	housing	L (mm)	weight	code	W tot	K - ølm - CRI
LED 4 modules	white	1145	2,40	22**303003**-00	**29**	4000K - 3336lm - CRI>80
	black			22**303033**-00		
LED 4 modules	white	1145	2,40	22**303003-39**	**29**	3000K - 3103lm - CRI>80
	black			22**303033-39**		
LED 8 modules	white	2275	4,80	22**303004**-00	**56**	4000K - 6673lm - CRI>80
	black			22**303034**-00		
LED 8 modules	white	2275	4,80	22**303004-39**	**56**	3000K - 6206lm - CRI>80
	black			22**303034-39**		
		CLD D-DIG (DALI)				
LED 4 modules	white	1145	2,40	22**303003-1241**	**29**	4000K - 3336lm - CRI>80
	black			22**303033-1241**		
LED 4 modules	white	1145	2,40	22**303003-3941**	**29**	3000K - 3103lm - CRI>80
	black			22**303033-3941**		
LED 8 modules	white	2275	4,80	22**303004-1241**	**56**	4000K - 6673lm - CRI>80
	black			22**303034-1241**		
LED 8 modules	white	2275	4,80	22**303004-3941**	**56**	3000K - 6206lm - CRI>80
	black			22**303034-3941**		

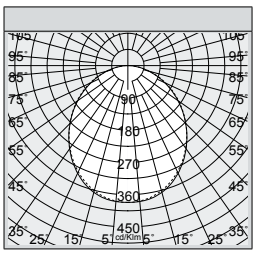




Upon request:
60° beam angle

Liset 2.0 - ceiling - with polycarbonate diffuser

		CLD (ON-OFF)				LUMEN OUTPUT (tq= 25 °C)
LED	housing	L (mm)	weight	code	W tot	K - ølm - CRI
LED 4 modules	white	1155	2,30	22**302203**-00	**28**	4000K - 2783lm - CRI>80
	black			22**302233**-00		
LED 4 modules	white	1155	2,30	22**302203-39**	**28**	3000K - 2588lm - CRI>80
	black			22**302233-39**		
LED 5 modules	white	1440	2,90	22**302204**-00	**35**	4000K - 3479lm - CRI>80
	black			22**302234**-00		
LED 5 modules	white	1440	2,90	22**302204-39**	**35**	3000K - 3263lm - CRI>80
	black			22**302234-39**		
LED 8 modules	white	2295	4,50	22**302205**-00	**55**	4000K - 5566lm - CRI>80
	black			22**302235**-00		
LED 8 modules	white	2295	4,50	22**302205-39**	**55**	3000K - 5177lm - CRI>80
	black			22**302235-39**		
		CLD D-DIG (DALI)				
LED 4 modules	white	1155	2,30	22**302203-1241**	**28**	4000K - 2783lm - CRI>80
	black			22**302233-1241**		
LED 4 modules	white	1155	2,30	22**302203-3941**	**28**	3000K - 2588lm - CRI>80
	black			22**302233-3941**		
LED 5 modules	white	1440	2,90	22**302204-1241**	**35**	4000K - 3479lm - CRI>80
	black			22**302234-1241**		
LED 5 modules	white	1440	2,90	22**302204-3941**	**35**	3000K - 3263lm - CRI>80
	black			22**302234-3941**		
LED 8 modules	white	2295	4,50	22**302205-1241**	**55**	4000K - 5566lm - CRI>80
	black			22**302235-1241**		
LED 8 modules	white	2295	4,50	22**302205-3941**	**55**	3000K - 5177lm - CRI>80
	black			22**302235-3941**		



Liset 2.0

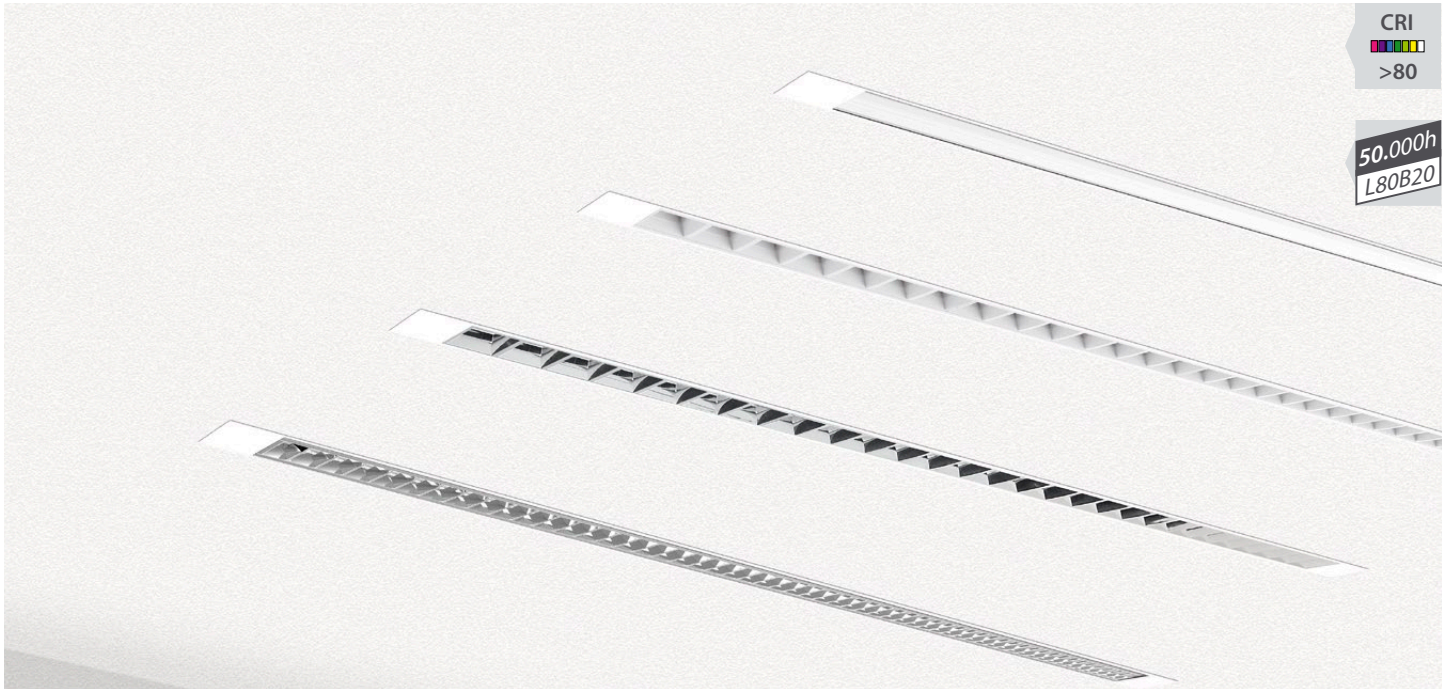
Housing: made of extruded aluminium.

Heads: in die cast aluminium.

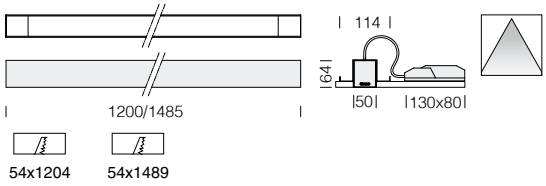
LED: power factor: ≥0,92. Photobiological safety class: exempt group.

Upon request:

- version with pass-through wiring for continuous line mounting with subcode **-0072**
- PUSH-DIMM version with sub-code **-1245** (4000K) or **-3945** (3000K)
- 1h EM version with subcode **-09** (4000K) or **-0928** (3000K
- 3h EM version with subcode **-31** (4000K) or **-3957** (3000K)

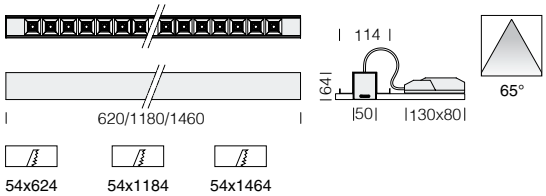


v.a. IP20 IK07
v.l. IP40 IK07



Liset 2.0 Trimless - opal diffuser

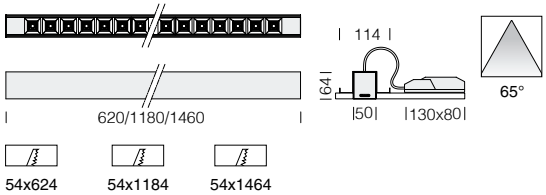
		CLD				LUMEN OUTPUT (tq= 25 °C)
LED	housing	L (mm)	weight	code	W tot	K - ølm - CRI
LED 4 modules	white	1200	2.50	22**308010**-00	**28**	4000K - 2783lm - CRI>80
				22**308010-39**		3000K - 2588lm - CRI>80
LED 5 modules	white	1485	2.90	22**308011**-00	**35**	4000K - 3475lm - CRI>80
				22**308011-39**		3000K - 3236lm - CRI>80



UGR<19

Liset 2.0 Trimless - comfort optics - UGR<19

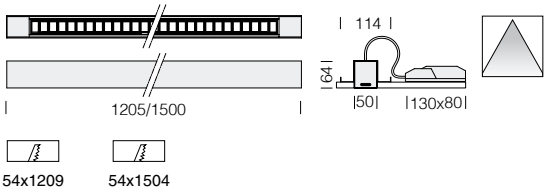
		CLD				LUMEN OUTPUT (tq= 25 °C)
LED	housing	L (mm)	weight	code	W tot	K - ølm - CRI- degrees
LED 14 lenses	white	620	2.10	22**308012**-00	**18**	4000K - 2591lm - CRI>80 - 65°
LED 28 lenses		1180	3.20	22**308013**-00	**22**	4000K - 3463lm - CRI>80 - 65°
LED 35 lenses		1460	3.80	22**308014**-00	**30**	4000K - 4828lm - CRI>80 - 65°



UGR<19

Liset 2.0 Trimless - DARK comfort optics - UGR<19

		CLD				LUMEN OUTPUT (tq= 25 °C)
LED	housing	L (mm)	weight	code	W tot	K - ølm - CRI- degrees
LED 14 lenses	white	620	2.10	22**308017**-00	**18**	4000K - 2578lm - CRI>80 - 65°
LED 28 lenses		1180	3.20	22**308018**-00	**22**	4000K - 3446lm - CRI>80 - 65°
LED 35 lenses		1460	3.80	22**308019**-00	**30**	4000K - 4804lm - CRI>80 - 65°



UGR<19

Liset 2.0 Trimless - DARK optics - UGR<19

		CLD				LUMEN OUTPUT (tq= 25 °C)
LED	housing	L (mm)	weight	code	W tot	K - ølm - CRI
LED 4 modules	white	1205	2.60	22**308015**-00	**28**	4000K - 2859lm - CRI>80
LED 5 modules		1500	3.00	22**308016**-00	**35**	4000K - 3574lm - CRI>80

Liset 2.0 “INFINITY”

“INFINITY” light module that enables continuous and uninterrupted light lines. To be completed with:

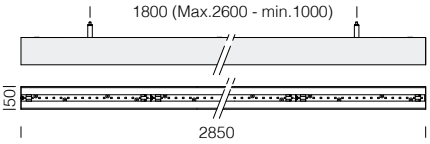
- opal polycarbonate film roll (upon request, UGR<19 roll is available)
- end cap
- brackets for continuous light line

Housing: made of extruded aluminium.

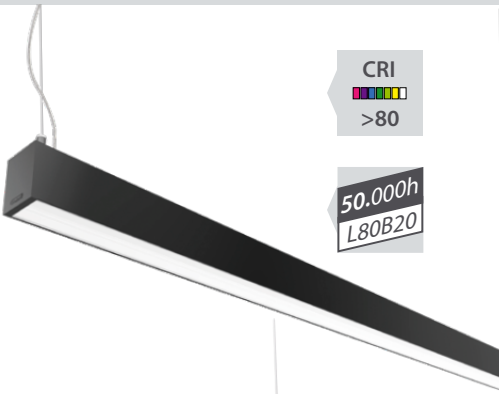
Heads: in die cast aluminium.

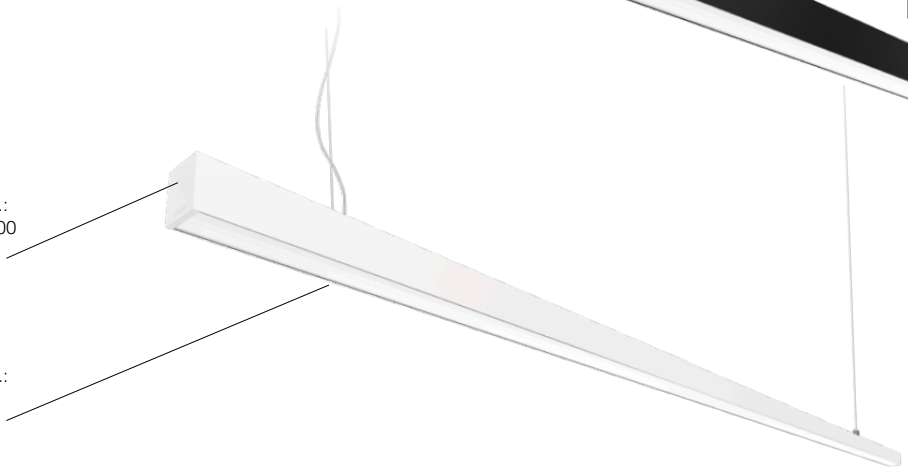
LED: power factor: ≥0,92. Photobiological safety class: exempt group.

IP40* IK07



* if complete with diffuser





To be completed with acc.:
220**28010**-00 - 220**28030**-00
end cap

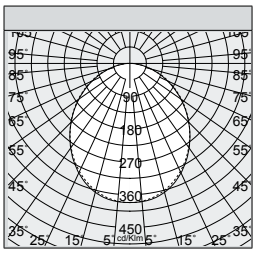
To be completed with acc.:
220**25843**-00
diffuser roll

Liset 2.0 “INFINITY” - to be completed with diffuser roll

					LUMEN OUTPUT (tq= 25 °C)
LED	housing	weight	code	W tot	K - ølm - CRI
LED 10 modules	white	5,80	22**307410-0072**	**70**	4000K - 6326lm - CRI 80
	black		22**307430-0072**		
LED 10 modules	white	5,80	22**307410-3972**	**70**	3000K - 5884lm - CRI 80
	black		22**307430-3972**		

“INFINITY” light module that enables continuous and uninterrupted light lines. To be completed with:

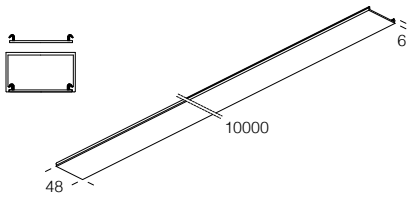
- opal polycarbonate film roll (upon request, UGR<19 roll is available)
- end cap
- brackets for continuous light line



Opal polycarbonate roll

opal	220**25843**-00

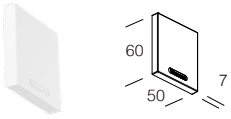
Opal polycarbonate roll must always be used on Liset 2.0 “INFINITY”.
Roll length: 10 metres.
Upon request, UGR<19 roll is available.



End cap

white	220**28010-**00
black	220**28030-**00

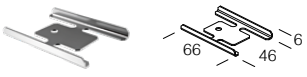
To be used to close the two terminal ends.



Connecting bracket

220**25877**-00

It permits mechanical connection of the profiles.



Ines

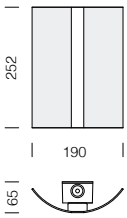
Simple and elegant: Ines offers a great degree of flexibility. Its sophisticated design and outstanding performance create amazing lighting effects for any architectural design.

Housing: in aluminium complete with 2 LED sources with lens.

Shield: front shield in die-cast aluminium with matt white coating and non-transparent polycarbonate diffuser.

LED: power factor: ≥0,9. Photobiological safety class: exempt group.

IP20 IK07

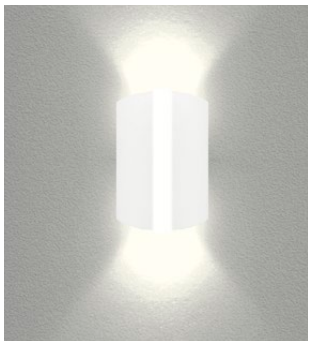


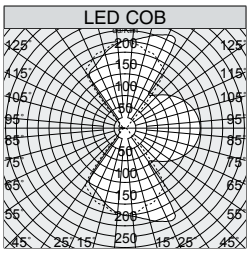
CRI >80

30.000h L70B50

Ines

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
LED	white	0,80	220**85010**-00	**14**	3000K - 674lm - CRI>80





Square

Housing: in die-cast aluminium.

Diffuser: in extra-clear tempered glass, 4 mm thick, thermal shock and impact resistant.

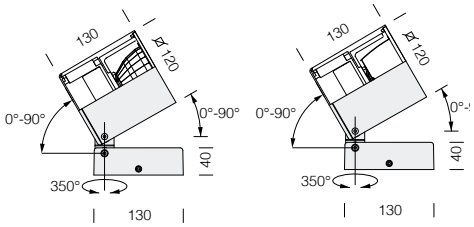
Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating.

Upon request: coating compliant with UNI EN ISO 9227 Corrosion tests in artificial atmospheres for aggressive environments.

Standard supply: supplied with plate for wall installation and cable with with IP68 airtight connector for mains connection.

LED: power factor: ≥0,92. Photobiological safety class: exempt group.

IP66IK08

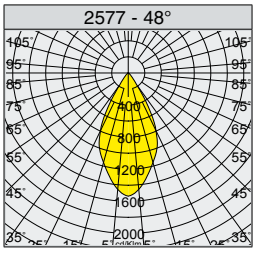


CRI >90

50.000h L80B20

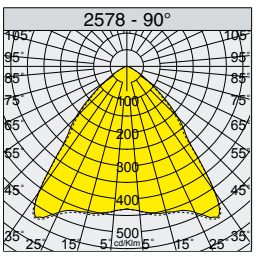
2577 Square - with reflector

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm 1050mA - CRI - degrees
COB	white	2.50	431864-00	40	4000K - 3021lm - **CRI>90** - 13°
	graphite		431865-00		
COB	white	2.50	431862-00	40	4000K - 3116lm - **CRI>90** - 28°
	graphite		431863-00		
COB	white	2.50	431860-00	40	4000K - 3111lm - **CRI>90** - 48°
	graphite		431861-00		



2578 Square - with optic

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	couleur	weight	code	W tot	K - ølm 1050mA - CRI - degrees
COB	white	2.50	431870-00	40	4000K - 3152lm - **CRI>90** - 90°
	graphite		431871-00		



Stilo

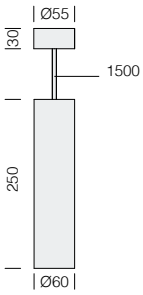
Housing: in treated aluminium.

Upon request: in other colours.

LED: power factor: ≥0,9. Photobiological safety class: exempt group.

Stilo

IP40 IK07

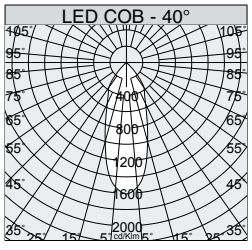


CRI >90

80.000h L80B20

Stilo SP2 - suspension

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,80	220**41811**-00	**10**	3000K - 893lm - **CRI>90** - 40°
	black		220**41831**-00		
	chrome		220**41861**-00		
		CLD-D (IGBT)			
COB	white	0,80	220**41810**-00	**10**	3000K - 893lm - **CRI>90** - 40°
	black		220**41830**-00		
	chrome		220**41860**-00		



Trimless A

Housing: in die-cast aluminium with adjustable and tilting spotlights.

Equipment: equipped with galvanised steel support brackets which guarantee perfect attachment to suspended ceiling from 12 mm to 25 mm thick.

Reflector: high-efficiency metallised polycarbonate.

LED: power factor: >0,95. Photobiological safety class: exempt group.

IP20 IK07

Trimless 50 - A1

			CLD		LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	black	0,90	22**105131**-00	**10**	4000K - 597lm - **CRI>90** - 15°
			22**105130**-00		3000K - 556lm - **CRI>90** - 15°

On request: 25° and 40° version. DIMM-DALI version with sub-code -1241.

Trimless 50 - A2

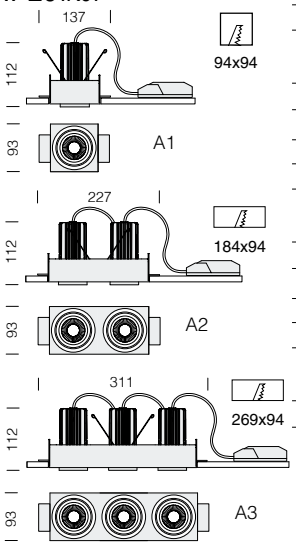
			CLD		LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	black	1,30	22**105233**-00	**20**	4000K - 2x567lm - **CRI>90** - 25°
			22**105232**-00		3000K - 2x527lm - **CRI>90** - 25°

On request: 15° and 40° version. DIMM-DALI version with sub-code -1241.

Trimless 50 - A3

			CLD		LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	black	2,30	22**105335**-00	**30**	4000K - 3x503lm - **CRI>90** - 40°
			22**105334**-00		3000K - 3x468lm - **CRI>90** - 40°

On request: 15° and 25° version. DIMM-DALI version with sub-code -1241.



CRI >90

50.000h L80B20

Trimless 70 - A1

			CLD		LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	black	1,00	22**107131**-00	**25**	4000K - 2448lm - **CRI>90** - 21°
			22**107130**-00		3000K - 2376lm - **CRI>90** - 21°

On request: 28° and 40° version. DIMM-DALI version with sub-code -1241.

Trimless 70 - A2

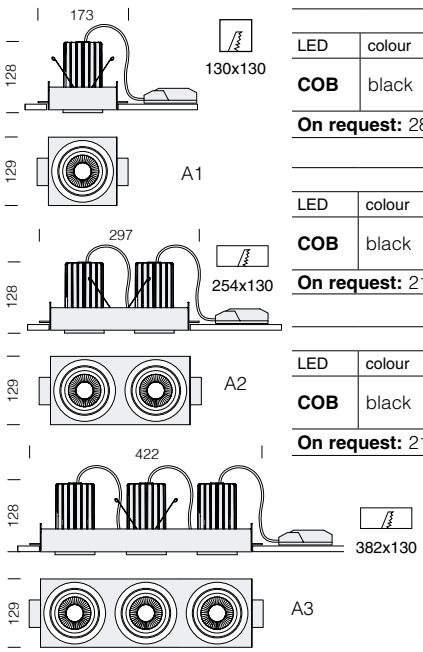
			CLD		LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	black	1,70	22**107233**-00	**50**	4000K - 2x2448lm - **CRI>90** - 28°
			22**107232**-00		3000K - 2x2376lm - **CRI>90** - 28°

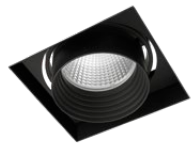
On request: 21° and 40° version. DIMM-DALI version with sub-code -1241.

Trimless 70 - A3

			CLD		LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	black	2,80	22**107335**-00	**75**	4000K - 3x2262lm - **CRI>90** - 40°
			22**107334**-00		3000K - 3x2103lm - **CRI>90** - 40°

On request: 21° and 28° version. DIMM-DALI version with sub-code -1241.





Trimless 111 - A1

			CLD		LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	black	1,20	22**111131**-00	**38**	4000K - 3654lm - **CRI>90** - 15°
			22**111130**-00		3000K - 3398lm - **CRI>90** - 15°

On request: 25° and 38° version. DIMM-DALI version with sub-code -1241.

Trimless 111 - A2

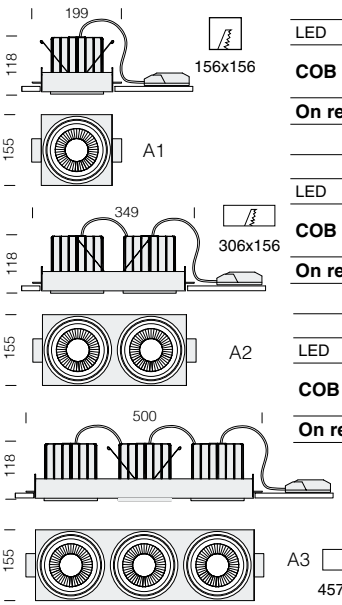
			CLD		LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	black	2,40	22**111233**-00	**76**	4000K - 2x3583lm - **CRI>90** - 25°
			22**111232**-00		3000K - 2x3332lm - **CRI>90** - 25°

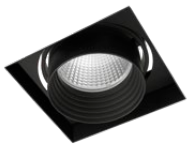
On request: 15° and 38° version. DIMM-DALI version with sub-code -1241.

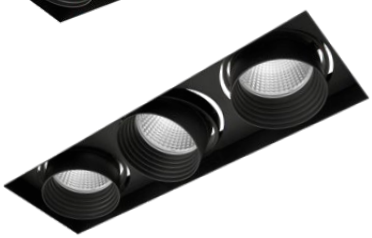
Trimless 111 - A3

			CLD		LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	black	3,60	22**111335**-00	**114**	4000K - 3x3534lm - **CRI>90** - 40°
			22**111334**-00		3000K - 3x3287lm - **CRI>90** - 40°

On request: 15° and 25° version. DIMM-DALI version with sub-code -1241.







Trimless B

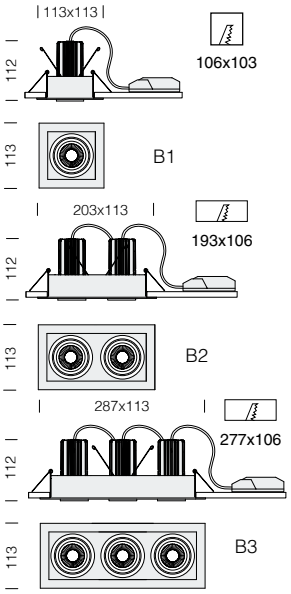
Housing and frame: in die-cast aluminium with adjustable and tilting spotlights.

Equipment: equipped with galvanised steel support brackets which guarantee perfect attachment to suspended ceiling from 12 mm to 25 mm thick.

Reflector: high-efficiency metallised polycarbonate.

LED: power factor: >0,95. Photobiological safety class: exempt group.

IP20 IK07



Trimless 50 - B1

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	1,20	22**105111**-00	**10**	4000K - 597lm - **CRI>90** - 15°
			22**105110**-00		3000K - 556lm - **CRI>90** - 15°

On request: 25° and 40° version. DIMM-DALI version with sub-code -1241.

Trimless 50 - B2

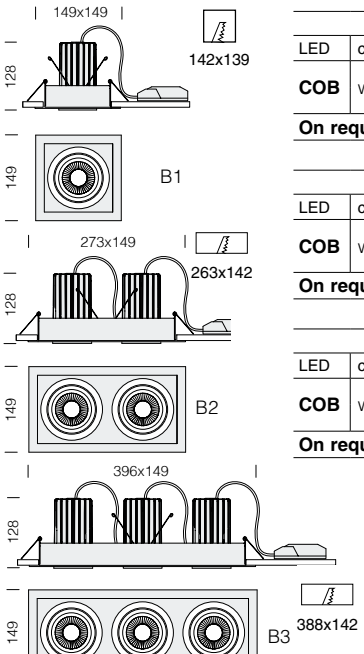
		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	2,40	22**105213**-00	**20**	4000K - 2x567lm - **CRI>90** - 25°
			22**105212**-00		3000K - 2x526lm - **CRI>90** - 25°

On request: 15° and 40° version. DIMM-DALI version with sub-code -1241.

Trimless 50 - B3

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	3,60	22**105315**-00	**30**	4000K - 3x503lm - **CRI>90** - 40°
			22**105314**-00		3000K - 3x468lm - **CRI>90** - 40°

On request: 15° and 25° version. DIMM-DALI version with sub-code -1241.



Trimless 70 - B1

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	1,30	22**107111**-00	**25**	4000K - 2448lm - **CRI>90** - 21°
			22**107110**-00		3000K - 2376lm - **CRI>90** - 21°

On request: 28° and 40° version. DIMM-DALI version with sub-code -1241.

Trimless 70 - B2

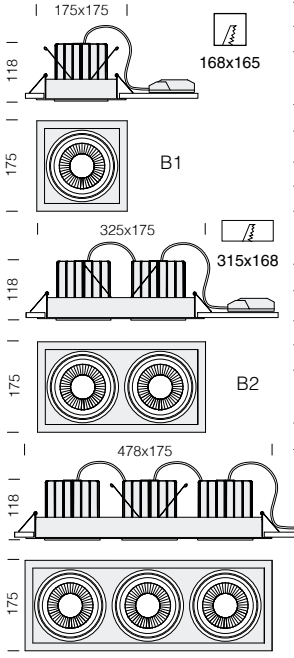
		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	2,60	22**107213**-00	**50**	4000K - 2x2448lm - **CRI>90** - 28°
			22**107212**-00		3000K - 2x2376lm - **CRI>90** - 28°

On request: 21° and 40° version. DIMM-DALI version with sub-code -1241.

Trimless 70 - B3

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	3,80	22**107315**-00	**75**	4000K - 3x2262lm - **CRI>90** - 40°
			22**107314**-00		3000K - 3x2103lm - **CRI>90** - 40°

On request: 21° and 28° version. DIMM-DALI version with sub-code -1241.



Trimless 111 - B1

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	1,50	22**111111**-00	**38**	4000K - 3654lm - **CRI>90** - 15°
			22**111110**-00		3000K - 3398lm - **CRI>90** - 15°

On request: 25° and 38° version. DIMM-DALI version with sub-code -1241.

Trimless 111 - B2

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	2,80	22**111213**-00	**76**	4000K - 2x3583lm - **CRI>90** - 25°
			22**111212**-00		3000K - 2x3332lm - **CRI>90** - 25°

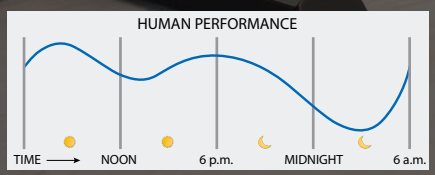
On request: 15° and 38° version. DIMM-DALI version with sub-code -1241.

Trimless 111 - B3

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	4,00	22**111315**-00	**114**	4000K - 3x3534lm - **CRI>90** - 40°
			22**111314**-00		3000K - 3x3287lm - **CRI>90** - 40°

On request: 15° and 25° version. DIMM-DALI version with sub-code -1241.

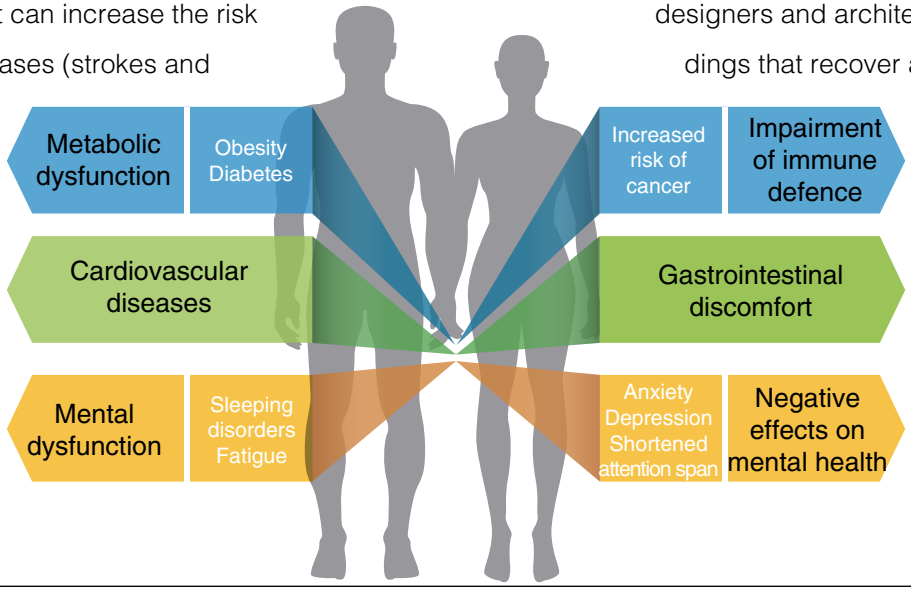
The Dynamic White function allows adjusting the colour temperature from 2700K to 6500K to create a sense of the passing of time (circadian rhythm) and to set the mood and ambiance of a space according to our daily activities.



Circadian lighting obtained with the Dynamic White function is the best solution to implement Human Centric Lighting in classrooms, university campuses, offices and hospitals where lights can mimic the natural trend of daylight throughout the entire day.
Info: **www.fosnova.it**

The effects of the circadian rhythm disruption on health

A systematic disruption of our biological clock has negative effects on our health. Numerous studies have shown that the disruption of our sleep-wake cycle provokes fatigue and sleeping disorders. It negatively affects our mood and psychological wellbeing, and may cause anxiety or depression, as well as gastrointestinal discomfort. Moreover, if prolonged over time, it can increase the risk of cardiovascular diseases (strokes and heart attacks) and metabolic dysfunctions (such as obesity and diabetes). Lastly, it can weaken the immune system favouring the outburst of some cancers.



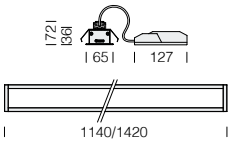
According to research, it is important that our body receives signals like daylight and its variation throughout the day. Yet, we spend most of our time, whether at work or at home, in closed and artificially illuminated spaces.

So what can we do?

We can get a greater amount of daylight inside. This is why designers and architects are making buildings that recover as much as possible the relationship with the outside world. And a great help is given by the technological evolution of artificial lighting, including Human Centric Lighting.

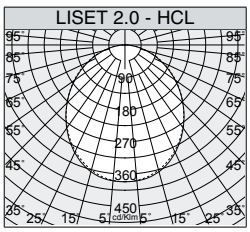
v.a. IP20 IK07
v.l. IP40 IK07

55 x 1130
55 x 1410

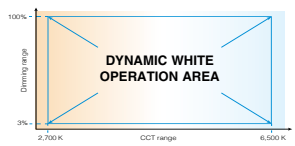


Liset 2.0 HCL - recessed - with polycarbonate diffuser

		CLD D-DIG (DALI)				LUMEN OUTPUT (tq= 25 °C)
LED	housing	L (mm)	weight	code	W tot	K - ølm - CRI
LED 4 modules	white	1140	1,70	22**302201-89**	**38**	2700K÷6500K - 3250÷3220lm - **CRI>90**
LED 5 modules		1420	2,00	22**302202-89**	**46**	2700K÷6500K - 2984÷3176lm - **CRI>90**

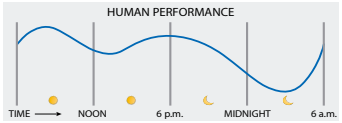


TECHNICAL CHARACTERISTICS - HCL WIRELESS VERSION



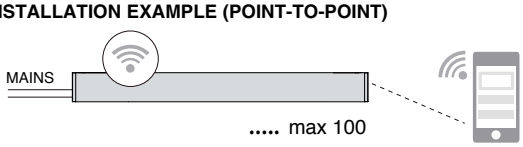
- Colour temperature adjustment range from 2700K to 6500K on a linear scale
- Full 3% to 100% dimming range
- Switch-off fading
- <4% flicker
- Constant colour temperature over the entire dimming range • LED driver that automatically adjusts lights to the desired colour temperature and the required luminous flux

The Dynamic White function allows adjusting the colour temperature from 2700K to 6500K to create a sense of the passing of time (circadian rhythm) and to set the mood and ambiance of a space according to our daily activities. Circadian lighting obtained with the Dynamic White function is the best solution to implement Human Centric Lighting (HCL) in classrooms, university campuses, offices and hospitals where lights can mimic the natural trend of daylight throughout the entire day.



The standard version of the fixture comes with a wireless driver. Liset 2.0 can be easily controlled from a smartphone/tablet via a **free app**.

HCL WIRELESS INSTALLATION EXAMPLE (POINT-TO-POINT)



Solus

Solus is a wall sconce with a linear design and compact dimensions. Its high degree of protection (IP54) makes it ideal for indoor and outdoor lighting applications.

Housing: in painted aluminium with matt polycarbonate diffuser, designed for wall-mounting.

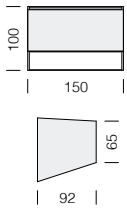
LED: power factor >0.9. Photobiological safety class: exempt group.

New iSpot Comfort

Housing: made of die-cast aluminium and polycarbonate reflector.

LED: power factor >0.9. Photobiological safety class: exempt group.

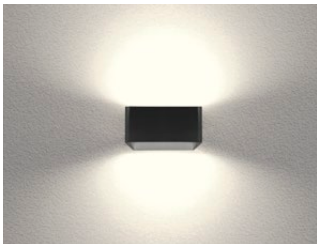
IP54 IK08



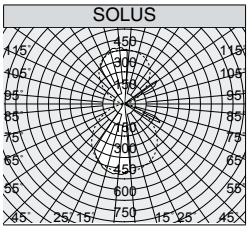
CRI >80

50.000h L80B50

Solus

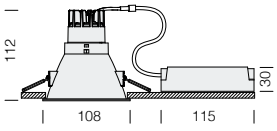


		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
SMD	black	0,65	220**36430**-00	**10**	3000K - 430lm - CRI>80



v.a. IP20 IK04
v.l. IP65 IK04

min Ø 100
max Ø 105

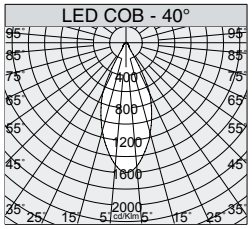


min Ø 105
max Ø 120

New iSpot Comfort 4

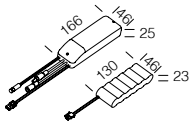
		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI - degrees
COB	white	0,25	22**168310**-00	**8**	3000K - 720lm - **CRI>90** - 40°
		CLD D-DIG (DALI)			
COB	white	0,25	22**168310-1241**	**8**	3000K - 720lm - **CRI>90** - 40°

Universally applicable, suitable to replace downlights with cut out diameters ranging from 100 mm to 105 mm. **Supplied ring** can act as both an aesthetic finishing and to cover fitting holes with greater diameters.



finishing ring included

Upon request: available in white/orange, black, black/ orange and black/gold colour version.



EM power kit	
1h	220**96015**-00
3h	220**96033**-00

EM (emergency) lamp power kit complete with connectors.

Jet IP65

Housing: fixed donwlight in die cast aluminium complete with spring clips for recessed mounting

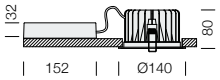
Reflector: dark light optics in high gloss, anti-glare aluminium to optimise light efficiency. Version with matt wide beam optics on request.

LED: power factor >0.9. Photobiological safety class: exempt group.

IP65 IK04

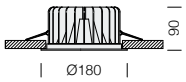
min ø120
max ø 138

Jet 140

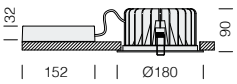


Jet 140

Jet 180

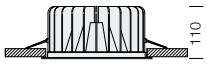


min ø 158
max ø 178

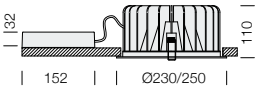


Jet 180

Jet 230-250



min ø 208
max ø 228



Jet 230-250

Jet 230-250

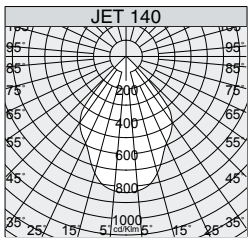
CRI >90

50.000h L80B20

Version with matt wide beam optics on request.

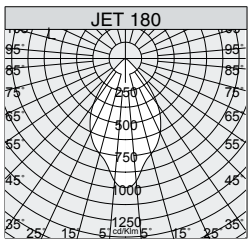
Jet 140

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
COB	white	0,90	220**65612**-00	**23**	4000K - 1892lm - **CRI>90**
			220**65612-39**		3000K - 1797lm - **CRI>90**
		CLD D-DIG (DALI)			
COB	white	0,90	220**65612-1241**	**23**	4000K - 1892lm - **CRI>90**
			220**65612-3941**		3000K - 1797lm - **CRI>90**



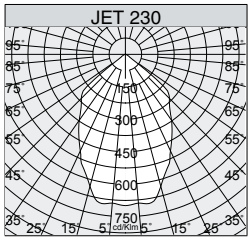
Jet 180

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
COB	white	1,45	220**65613**-00	**32**	4000K - 3423lm - **CRI>90**
			220**65613-39**		3000K - 3251lm - **CRI>90**
		CLD D-DIG (DALI)			
COB	white	1,45	220**65613-1241**	**32**	4000K - 3423lm - **CRI>90**
			220**65613-3941**		3000K - 3251lm - **CRI>90**



Jet 230

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
COB	white	2,20	220**65616**-00	**45**	4000K - 5584lm - **CRI>90**
			220**65616-39**		3000K - 5304lm - **CRI>90**
		CLD D-DIG (DALI)			
COB	white	2,20	220**65616-1241**	**45**	4000K - 5584lm - **CRI>90**
			220**65616-3941**		3000K - 5304lm - **CRI>90**



Jet 250

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
COB	white	2,25	220**65618**-00	**45**	4000K - 5584lm - **CRI>90**
			220**65618-39**		3000K - 5304lm - **CRI>90**
		CLD D-DIG (DALI)			
COB	white		220**65618-1241**	**45**	4000K - 5584lm - **CRI>90**
		2,25	220**65618-3941**		3000K - 5304lm - **CRI>90**

Equipped with ring; can act as both an aesthetic finishing and to cover fitting holes with diameters up to 245mm.

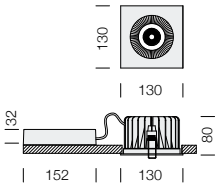
Jet IP65

Housing: fixed donwlight in die cast aluminium complete with spring clips for recessed mounting

Reflector: dark light optics in high gloss, anti-glare aluminium to optimise light efficiency. Version with matt wide beam optics on request.

LED: power factor >0.9. Photobiological safety class: exempt group.

IP65 IK04



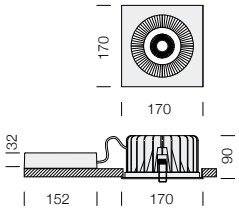
min ø120
max ø 128

Jet Q 130

CRI >90

50.000h L80B20

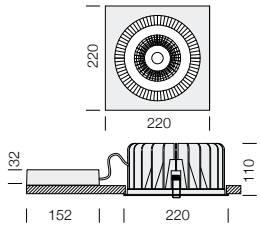
Jet Q 130



min ø 158
max ø 168

Jet Q 170

Jet Q 170



min ø 208
max ø 218

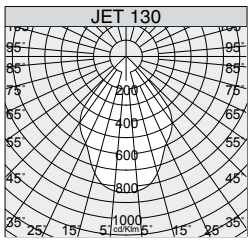
Jet Q 220

Jet Q 220

Version with matt wide beam optics on request.

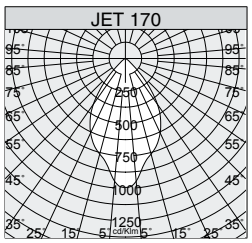
Jet Q 130

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
COB	white	0,90	220**65712**-00	**23**	4000K - 1892lm - **CRI>90**
			220**65712-39**		3000K - 1797lm - **CRI>90**
		CLD D-DIG (DALI)			
COB	white	0,90	220**65712-1241**	**23**	4000K - 1892lm - **CRI>90**
			220**65712-3941**		3000K - 1797lm - **CRI>90**



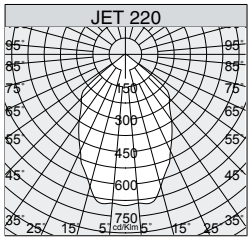
Jet Q 170

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
COB	white	1,45	220**65713**-00	**32**	4000K - 3423lm - **CRI>90**
			220**65713-39**		3000K - 3251lm - **CRI>90**
		CLD D-DIG (DALI)			
COB	white	1,45	220**65713-1241**	**32**	4000K - 3423lm - **CRI>90**
			220**65713-3941**		3000K - 3251lm - **CRI>90**



Jet Q 220

		CLD			LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	code	W tot	K - ølm - CRI
COB	white		220**65716**-00	**45**	4000K - 5584lm - **CRI>90**
		2,20	220**65716-39**		3000K - 5304lm - **CRI>90**
		CLD D-DIG (DALI)			
COB	white		220**65716-1241**	**45**	4000K - 5584lm - **CRI>90**
		2,20	220**65716-3941**		3000K - 5304lm - **CRI>90**



☆ ☆ ☆ ☆
Hotel
☆ ☆ ☆ ☆ ☆

Technical areas

Forma pag. **138**

Tortuga pag. **140**

Pastilla pag. **142**

Globo 2.0 pag. **144**

Oblò J 2.0 pag. **146**

Forma

Housing: made of pressed steel, drawn in a single piece for high mechanical resistance. Supplied with frame.

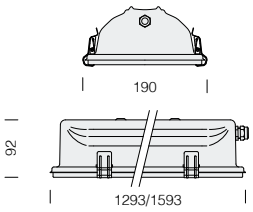
Coating: polyester powder for better resistance to corrosion and saline environment.

Standard supply: silicone rubber gasket and nylon fibreglass cable gland.

On request: emergency unit.

LED: power factor: ≥0,9. Photobiological safety class: exempt group.

IP65 IK08

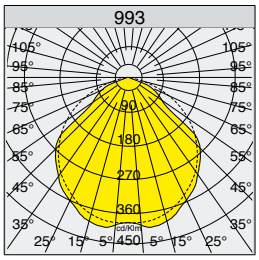


CRI >80

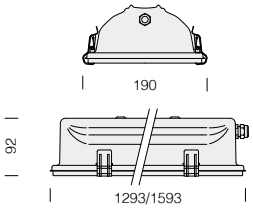
50.000h L80B20

993 Forma - with transparent glass

		CLD				LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	L	code	W tot	K - ølm - CRI
LED	s. silver	7.20	1293	162457-00	**36**	4000K - 4688lm - CRI>80
				162447-00	**50**	4000K - 6000lm - CRI>80
LED	s. silver	9.00	1593	162448-00	**61**	4000K - 8082lm - CRI>80
				162458-00	**71**	4000K - 9264lm - CRI>80
		CLD-E				
LED	s. silver	7.20	1293	162457-07	**36**	4000K - 4688lm - CRI>80
				162447-07	**50**	4000K - 6000lm - CRI>80
LED	s. silver	9.00	1593	162448-07	**61**	4000K - 8082lm - CRI>80
				162458-07	**71**	4000K - 9264lm - CRI>80



IP65 IK08

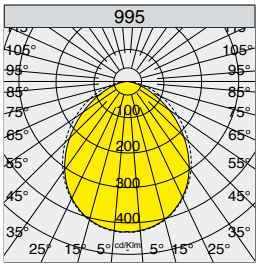


CRI >80

50.000h L80B20

995 Forma - with etched glass

		CLD				LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	L	code	W tot	K - ølm - CRI
LED	s. silver	7.20	1293	162455-00	**36**	4000K - 4378lm - CRI>80
				162445-00	**50**	4000K - 5635lm - CRI>80
LED	s. silver	9.00	1593	162446-00	**61**	4000K - 7547lm - CRI>80
				162456-00	**71**	4000K - 8650lm - CRI>80



Tortuga

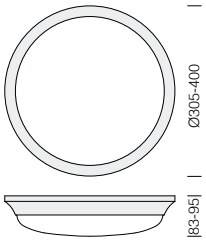
Round-shape LED fixture with opal polycarbonate diffuser that can be easily installed to the ceiling/wall; ideal for entrance areas, corridors, stairways, waiting rooms, hotels, restaurants and residential spaces. Available in two sizes (ø305/400 mm) and in the standard 3000K/4000K version and in the 3h emergency version with light-presence sensor (ON-OFF).
Tortuga is the energy-efficient and modern alternative to luminaires with traditional light sources.

Housing: vandal-resistant, self-extinguishing polycarbonate.

Diffuser: In clear polycarbonate, anti-dazzle, vandal resistant.

LED: power factor >0.9. Photobiological safety class: exempt group.

IP54 IK07

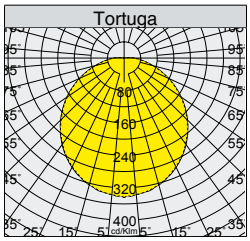


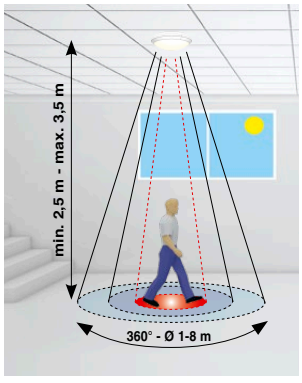
CRI >80

30.000h L70B50

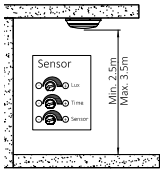
Tortuga

		CLD				LUMEN OUTPUT (tq= 25 °C)
LED	colour	weight	Ø mm	code	W tot	K - ølm - CRI
LED	white	1.00	Ø305	220**42411**-00	**17**	4000K - 1488lm - CRI>80
				220**42410**-00		3000K - 1368lm - CRI>80
LED	white	1.15	Ø400	220**42413**-00	**28**	4000K - 2614lm - CRI>80
				220**42412**-00		3000K - 2403lm - CRI>80
		CLD-EC				
LED	white	1.00	Ø305	220**42411-0050**	**18**	4000K - 1488lm - CRI>80
				220**42410-0050**		3000K - 1368lm - CRI>80
LED	white	1.15	Ø400	220**42413-0050**	**30**	4000K - 2614lm - CRI>80
				220**42412-0050**		3000K - 2403lm - CRI>80
		CLD-E - Emergency SA				
LED	white	1.00	Ø305	220**42411-09**	**18**	4000K - 1488lm - CRI>80
				220**42410-09**		3000K - 1368lm - CRI>80
LED	white	1.15	Ø400	220**42413-09**	**30**	4000K - 2614lm - CRI>80
				220**42412-09**		3000K - 2403lm - CRI>80
		CLD with light / presence sensor (ON-OFF)				
LED	white	1.00	Ø305	220**42411-19**	**17**	4000K - 1488lm - CRI>80
				220**42410-19**		3000K - 1368lm - CRI>80
LED	white	1.15	Ø400	220**42413-19**	**28**	4000K - 2614lm - CRI>80
				220**42412-19**		3000K - 2403lm - CRI>80

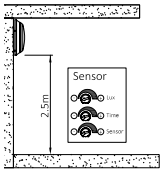


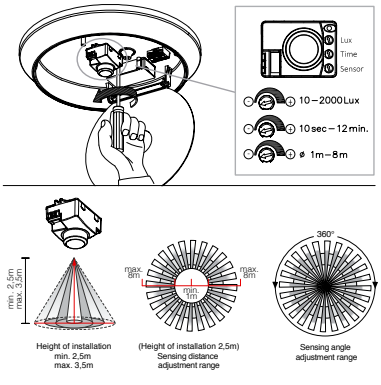


Ceiling installation.



Wall installation.





SENSOR - TECHNICAL SPECIFICATIONS	
Detection area	360°
Detection distance	Ø 1-8 m (regolabile)
Installing height	min. 2,5 - max. 3,5 m
Hold time	10 sec - 12 min
Ambient light	10 ~ 2000 Lux
Power consumption	~ 0,9 W
High frequency (HF system)	5,8 GHz
Operating temperature	-15°C ÷ 70°C

Pastilla

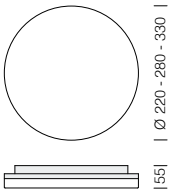
Pastilla is a high-efficiency LED fixture, an ideal upgrade solution to traditional lamps. Its simple yet modern design, along with the supplied bracket, ensures quick installation into different spaces, including corridors, stairways, bathrooms, entrance halls or public areas.
It is available in three diameter sizes (ø220/280/330 mm) and in the standard 3000K/4000K version, or with light-presence detectors (ON-OFF) on request.

Housing: vandal-resistant, self-extinguishing polycarbonate.

Diffuser: In clear polycarbonate, anti-dazzle, vandal resistant.

LED: power factor >0.9. Photobiological safety class: exempt group.

IP65 IK07

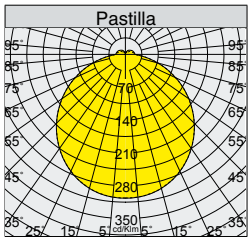


CRI 80

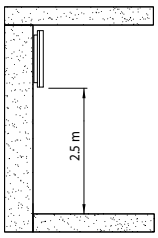
30.000h L70B50

Pastilla

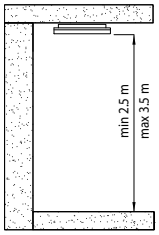
		CLD				LUMEN OUTPUT (tq= 25 °C)
LED	colour	poids	Ø mm	code	W tot	K - ølm - CRI
LED	white	0.60	Ø 220	220**42511**-00	**15**	4000K - 1444lm - CRI 80
				220**42510**-00		3000K - 1328lm - CRI 80
LED	white	0.80	Ø 280	220**42513**-00	**18**	4000K - 1796lm - CRI 80
				220**42512**-00		3000K - 1651lm - CRI 80
LED	white	1.00	Ø 330	220**42515**-00	**24**	4000K - 2473lm - CRI 80
				220**42514**-00		3000K - 2273lm - CRI 80
		CLD-EC				
LED	white	0.60	Ø 220	220**42511-0050**	**15**	4000K - 1444lm - CRI 80
				220**42510-0050**		3000K - 1328lm - CRI 80
LED	white	0.80	Ø 280	220**42513-0050**	**18**	4000K - 1796lm - CRI 80
				220**42512-0050**		3000K - 1651lm - CRI 80
LED	white	1.00	Ø 330	220**42515-0050**	**24**	4000K - 2473lm - CRI 80
				220**42514-0050**		3000K - 2273lm - CRI 80
		CLD - Radar Sensor				
LED	white	0.80	Ø 280	220**42513-19**	**18**	4000K - 1796lm - CRI 80
				220**42512-19**		3000K - 1651lm - CRI 80
LED	white	1.00	Ø 330	220**42515-19**	**24**	4000K - 2473lm - CRI 80
				220**42514-19**		3000K - 2273lm - CRI 80

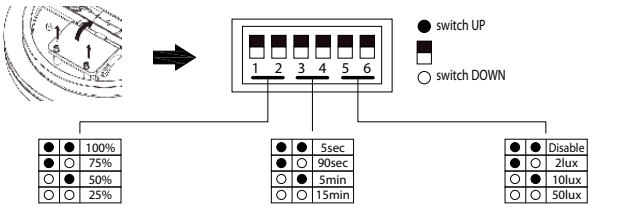


Wall installation.



Ceiling installation.

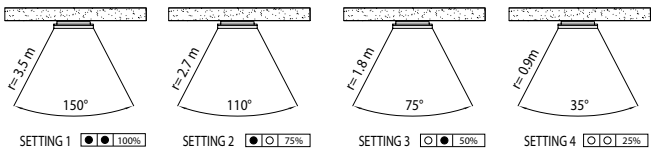




DETECTION AREA: is the area scanned by the sensor. It can be adjusted for specific applications by combining DIP switches.

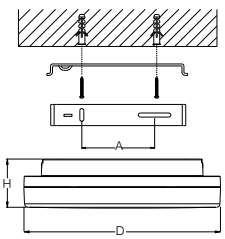
HOLD-TIME: is the period of time the light will stay ON after the sensor has been triggered.

DAYLIGHT THRESHOLD: Daylight sensor takes priority over the motion sensor. Set threshold according to specific needs. Disable it to allow motion detection only.



Examples of possible detection area setups (150°-110°-75°-35°) and related detection distances (r=3.5m-2.7m-1.8m-0.9m)

Equipment: supplied with bracket for ceiling/ wall installation.



D	H	A
220 mm	55 mm	76±14 mm
280 mm	55 mm	80±14 mm
330 mm	55 mm	90±20 mm

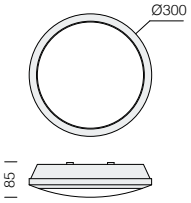
Globo 2.0

Housing: vandal resistant, self-extinguishing, UV-stabilised anti-yellowing polycarbonate and and external finishing ring in ABS.

Diffuser: vandal resistant, self-extinguishing, UV-stabilised anti-glare polycarbonate; dustproof.

LED: power factor ≥0.9. Photobiological safety class: exempt group.

IP65 IK08



CRI 83

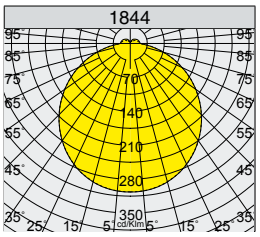
50.000h L80B20

Upon request: versions available in different colours and surface finishes to coordinate with any architectural design.

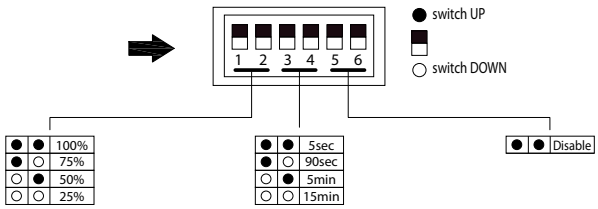
CORTEN RAL 8015 **GREY RAL 8015** **SILVER RAL 9006**

1844 Globo 2.0

		CLD			LUMEN OUTPUT (tq= 25 °C)
wattage	colour	weight	code	W tot	K - ølm - CRI
LED	white	0.90	427249-00	**14**	4000K - 2100lm - CRI 83
			427249-39		3000K - 1943lm - CRI 83
		CLD radar sensor			
LED	white	0.90	427249-19	**14**	4000K - 2100lm - CRI 83
Upon request: EM version (**sub-code -07**).					



Built-in RADAR SENSOR (sub-code -19): is an automatic sensor that immediately sense the presence of people's movements and anyone walking past. When there is movement within the sensor's detection range, the light will remain ON. When no further movement is detected, the light will switch OFF after a pre-set time.

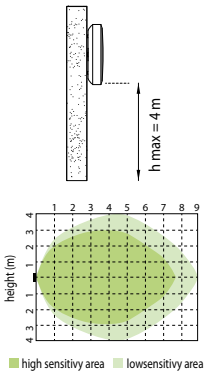


DETECTION AREA: is the area scanned by the sensor. It can be adjusted for specific applications by combining DIP switches.

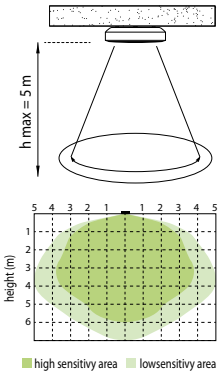
HOLD-TIME: is the period of time the light will stay ON after the sensor has been triggered.

DAYLIGHT THRESHOLD: Disable, motion detection only.

Wall installation.



Ceiling installation.



Factory settings: Detection distance: 8m - Hold time: 5sec			
Power	220-240V AC 50/60 Hz	**Mounting height**	wall: 4m ceiling: 5 m
Frequency	5,8GHz CW Radar, ISM band - 0,2 - <10 mW	**Nominal load**	800 W (resistive) 400 W (inductive)
Detection area	ceiling: 30°-150°	**Energy consumption**	<0,5 W
Detection distance (adjustable)	ceiling: Ø 1-8 m	**Hold Time (adjustable)**	5s, 90s, 5min., 15min.

Oblò J 2.0

Housing: vandal-resistant, self-extinguishing polycarbonate.

Diffuser: In clear polycarbonate, anti-dazzle, vandal resistant.

LED: power factor ≥0.9. Photobiological safety class: exempt group.

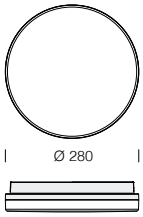
MANY VERSIONS FOR FURTHER ENERGY SAVINGS ARE AVAILABLE

Wi-Fi

CASAMBI

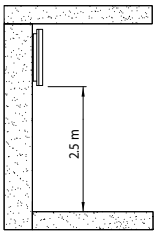
DIP SWITCH

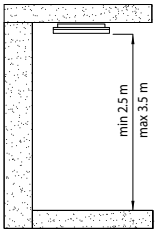
IP65IK07



CRI ≥80

50.000h L80B20





745 Oblò J 2.0 - EM 1h

LED	colour	weight	Ø mm	code	W tot	K - ølm - CRI
		CLD E (1h)				LUMEN OUTPUT (tq= 25 °C)
LED	white	0.80	280	112600-07	19	4000K - 2026lm - CRI≥80
				112600-0728		3000K - 1863lm - CRI≥80
LED	white	0.80	280	112601-07	24	4000K - 2898lm – CRI≥80
				112601-0728		3000K - 2695lm – CRI≥80

EM 1h

745 Oblò J 2.0 - EM 3h

LED	colour	weight	Ø mm	code	W tot	K - ølm - CRI
		CLD E (3h)				LUMEN OUTPUT (tq= 25 °C)
LED	white	0.80	280	112600-31	19	4000K - 2026lm - CRI≥80
				112600-3128		3000K - 1863lm - CRI≥80
LED	white	0.80	280	112601-31	24	4000K - 2898lm – CRI≥80
				112601-3128		3000K - 2695lm – CRI≥80

EM 3h

745 Oblò J 2.0 - EM EC

LED	colour	weight	Ø mm	code	W tot	K - ølm - CRI
		CLD EC				LUMEN OUTPUT (tq= 25 °C)
LED	white	0.80	280	112600-0050	16	4000K - 2026lm - CRI≥80
				112600-3950		3000K - 1863lm - CRI≥80
LED	white	0.80	280	112601-0050	21	4000K - 2898lm – CRI≥80
				112601-3950		3000K - 2695lm – CRI≥80

EM EC

745 Oblò J 2.0 - DALI 2

LED	colour	weight	Ø mm	code	W tot	K - ølm - CRI
		CLD D-D (DALI)				LUMEN OUTPUT (tq= 25 °C)
LED	white	0.80	280	112600-0041	16	4000K - 2026lm - CRI≥80
				112600-3941		3000K - 1863lm - CRI≥80
LED	white	0.80	280	112601-0041	21	4000K - 2898lm – CRI≥80
				112601-3941		3000K - 2695lm – CRI≥80

DIMM DALI 2

> 100.000h

745 Oblò J 2.0 - ON OFF

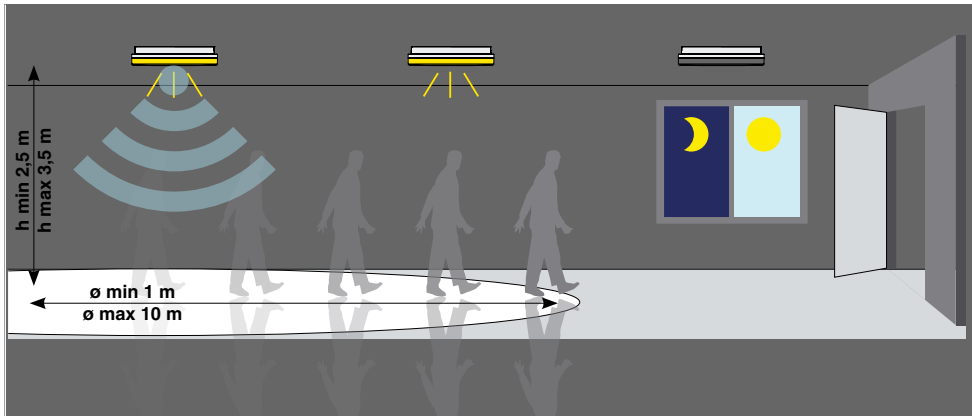
LED	colour	weight	Ø mm	code	W tot	K - ølm - CRI
		CLD				LUMEN OUTPUT (tq= 25 °C)
LED	white	0.80	280	112600-00	16	4000K - 2026lm - CRI≥80
				112600-39		3000K - 1863lm - CRI≥80
LED	white	0.80	280	112601-00	21	4000K - 2898lm – CRI≥80
				112601-39		3000K - 2695lm – CRI≥80

ON OFF

745 Oblò J 2.0 - SENSOR

LED	colour	weight	Ø mm	code	W tot	K - ølm - CRI
		CLD sensor (ON-OFF)				LUMEN OUTPUT (tq= 25 °C)
LED	white	0.80	280	112600-19	16	4000K - 2026lm - CRI≥80
				112600-1928		3000K - 1863lm - CRI≥80
LED	white	0.80	280	112601-19	21	4000K - 2898lm – CRI≥80
				112601-1928		3000K - 2695lm – CRI≥80

Built-in RADAR SENSOR (sub-code -19): an electronic device that immediately detects any presence entering its range. When the sensor reads motion inside its range, lights will stay on. When it no longer senses motion and based on the lighting level in its range, the sensor will turn off the lights after a pre-programmed time.



SENSOR - TECHNICAL SPECIFICATIONS	
Detection area	360°
Detection distance	Ø 1-10 m (adjustable)
Hold time	10 sec - 30 min
Ambient light	2 ~ 2000 Lux
Power consumption	~ 0,9 W
High frequency (HF system)	5.8GHz CW radar, ISM band
Operating temperature	-15°C ÷ 70°C

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REV 3