



LED LIGHTING CATALOGUE

2019



Designer and manufacturer of LED solutions

LUCIBEL - LED Lighting Catalogue - 2019

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A word from the CEO



Dear Partners,

Innovation and Made-in-France are both the DNA and signature of all Lucibel solutions!

We are therefore proud to present the new arrivals to the Lucibel range in this catalogue:

- > The Rivoli range, designed in cooperation with the prestigious French designers Saguez & Partners.
- > The 2nd generation of our "LiFi by Lucibel" solution, offering a totally safe internet access via light beams at an even faster data transfer rate and cost conditions which now render this solution extremely attractive.
- > The floor-standing, wall-mounted and tabletop lamps of the company Confidence and Light, recently taken over by the Lucibel Group.

This catalogue also contains the Cronos circadian lighting range, designed in cooperation with doctors and chrono-biologists, to reproduce the natural light cycle indoors thus enabling you to benefit from its positive effects on your well being.

While scrolling through these pages, you will discover all the products produced at our production site in Barentin, in particular our Lucipanel.fr light panel which is now manufactured exclusively in Normandy, as well as our Procédés Hallier range intended primarily for museums and high-end boutiques and manufactured in Montreuil close to Paris.

These Made-in-France products provide a greater assurance of product availability and, of course, the possibility to offer customisation of all our products!

Enable you to benefit from all the innovation made possible by LED technology, both in relation to lighting as well as beyond lighting, this is the task and commitment of every one of the 150 employees of the Lucibel Group!

More than ever, thanks to Lucibel, all you need is light!

Frédéric Granotier
CEO

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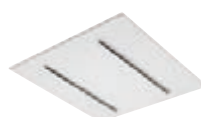
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Introduction

About us

"The true value of a product resides not in what it is, but in what it does. What is important is not the price of the bulb, but that of the light."

Thomas Edison

Today, we know that LED technology is able to offer far more than just light, so let's use it!

Founded in 2008, Lucibel designs and manufactures new generation lighting products and solutions based on LED technology in France. The group has also pioneered new and innovative applications based on LED technology which go above and beyond lighting such as internet access via light beams (LiFi technology developed in cooperation with our partner pureLiFi), Cronos (interior lighting which offers the same beneficial effects as natural lighting) or even our Line 5 (the range of cosmetic solutions based on LED technology), all of which are made in France.

The production site based in Barentin (Normandy) enables Lucibel to quickly develop and bring to market evermore efficient and innovative LED solutions, to propose customised solutions extremely quickly, carry out trials and tests, and ensure continuous quality monitoring and analysis.

The R&D team, also based in Barentin, concentrates its efforts on the improvement of technical performances of our products as well as researching new uses and applications which may benefit the group's customers.



Lucibel plant, Barentin (Normandy - France)



Our trades / Our markets

LIGHTING



// Much more than light

CONFIDENCE AND LIGHT

// The lighting expert



// French leader in museography lighting



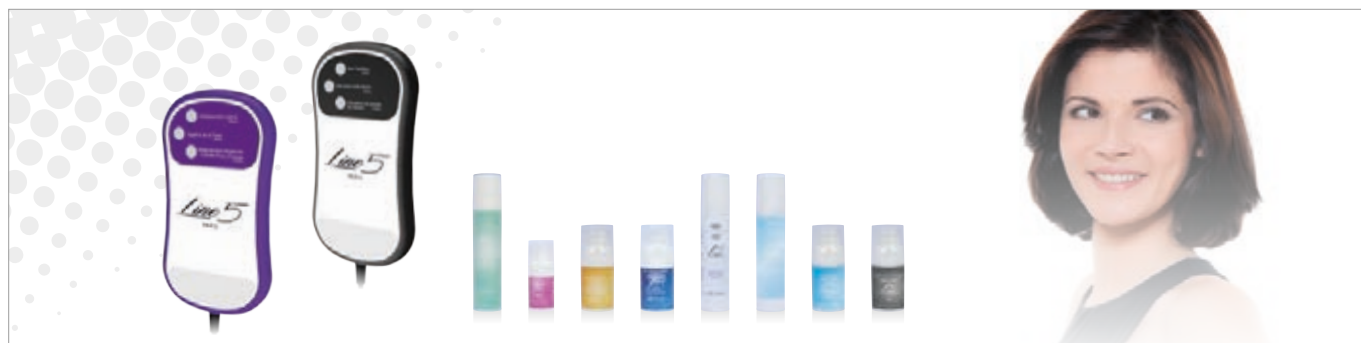
// French leader for sales outlet lighting

TECHNICAL MANAGEMENT OF BUILDINGS



// Link your building

COSMETICS



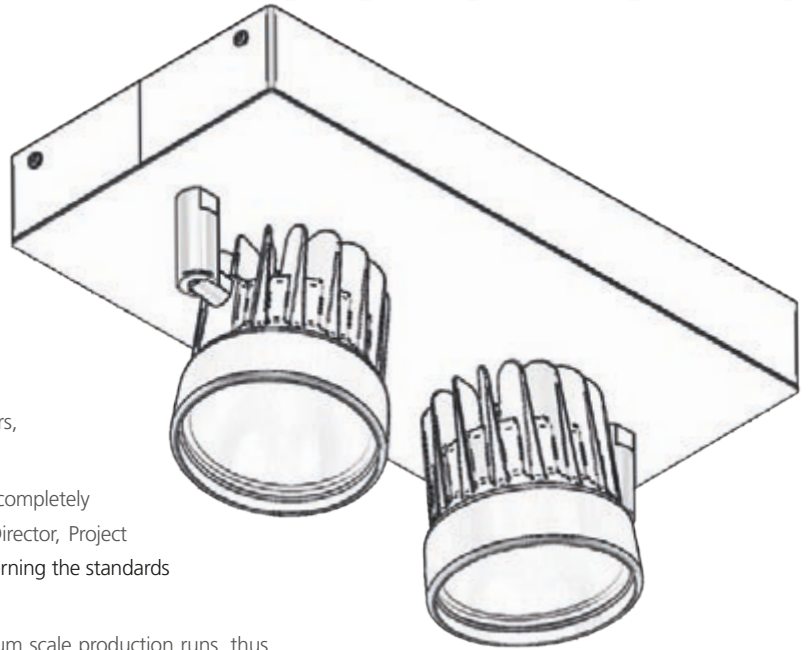
Line 5
PARIS

// Live the LED, cosmetic and capillary innovation

Made-to-measure solutions

Our strength:

French manufactured,
made-to-measure
solutions



As a designer of LED lighting products, Lucibel offers you an alternative to the standard, off-the-shelf products by **designing customised products perfectly suited to your exact requirements**: dimensions, power ratings, colours, accessories, assemblies...

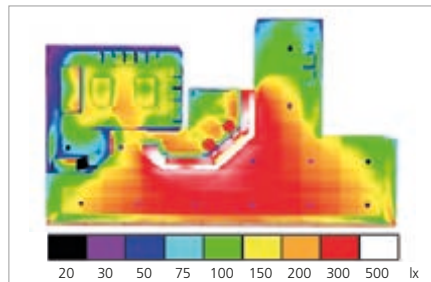
Whether a minor modification to an existing product, or a completely new design, **our dedicated team** (composed of a Technical Director, Project Managers and Support Engineers) is there to **offer advice** concerning the standards to be respected in relation to your project.

One area of our production site is set aside for small and medium scale production runs, thus enabling Lucibel to propose specific products customised to suit each individual project, ranging from one-off parts to several thousand units.

In accordance with your specifications and budget, our team will compile a **lighting study**, **3D simulations**, **heat dissipation studies**, photometric calculations and then development of prototypes and serial production.

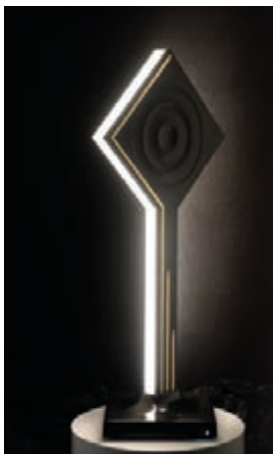


3D simulations



Photometric calculations

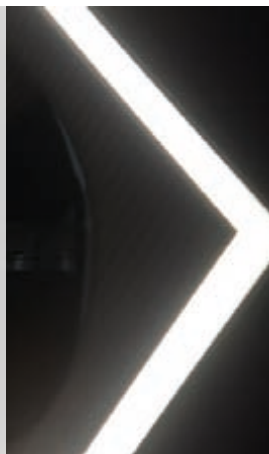
Kubya, the most luxurious gem lamp in the world



This creation of the house of "Rêve de Louis", which is on show at place Vendôme, was equipped with lighting elements by Lucibel.

The lighting quality obviously needed to be of a par with the gems used such as the body of varnished carbon, the cladding of solid 18-carat gold or even the 1/2 carat diamond retro-lighting.

There are only 9 such lamps worldwide!



You wish to receive further information? Contact your **sales representative** or <http://www.lucibel.io/en/contact>

Example of made-to-measure products



THE LOUVRE IN ABU DHABI

The famous Louvre Abu Dhabi museum, architect Jean Nouvel, for which the lighting concept was created by the prestigious agency 8'18", placed the production of some of its lighting in the hands of Lucibel.

The aim of the museum was **to illuminate the exterior façades, exhibition halls and corridors inside the museum with warm and friendly ambient lighting.**

Thanks to its experience and know-how, Lucibel was able to develop watertight lightning lines as well as interior lighting lines mounted in the alcoves.

To attain the lighting quality and lighting effects required, Lucibel combined **LED light sources with colours ranging from warm white to cold white (2800 K to 6000 K) in the heart of the lighting element**, and developed a reflector in order to obtain **homogeneous asymmetric lighting with a dynamic and flexible lighting control system**. The "light boxes", genuine **light tunnels in the walls**, fit harmoniously into the surrounding architecture and therefore comply perfectly with the technical requirements of the exceptional project.



SOLARIS

Positive energy office building of 31 000 m², SOLARIS consumes less energy than it produces. While lighting represents nearly 40% of the electrical consumption of an office building, SERCIB chose to install **5000 custom designed LED light panels** to adapt esthetically and technically to the architectural concept. Controlled according to working hours, user presence and daylight, the high-performing lighting system generates **energy savings of up to 80%**, requires **no maintenance for over 15 years** and **enhances visual comfort and well-being for the employees.**

The customer's testimonial: "The SOLARIS building embodies a new objective: to reconcile energy savings with user comfort. It was therefore natural to choose LED lighting, since energy consumption and comfort are its 2 strongpoints."

Frédérique Lebel

(CEO of SERCIB, the SOLARIS designer)



©SERCIB - T. Lewenberg-Sturm

Management of buildings

Our expertise:

Intelligent management of buildings

By combining all its skills in the field of intelligent building management in a single offer, **LuciConnect** offers a **total-control solution for your comfort zones**. The LuciConnect solution is the one-stop contact for all your technical requirements in order to provide an **efficient solution perfectly adapted to your needs and expectations**.

As our aim is to render **your building more intelligent and reduce power consumption**, our service comprises the entire building in order to offer a

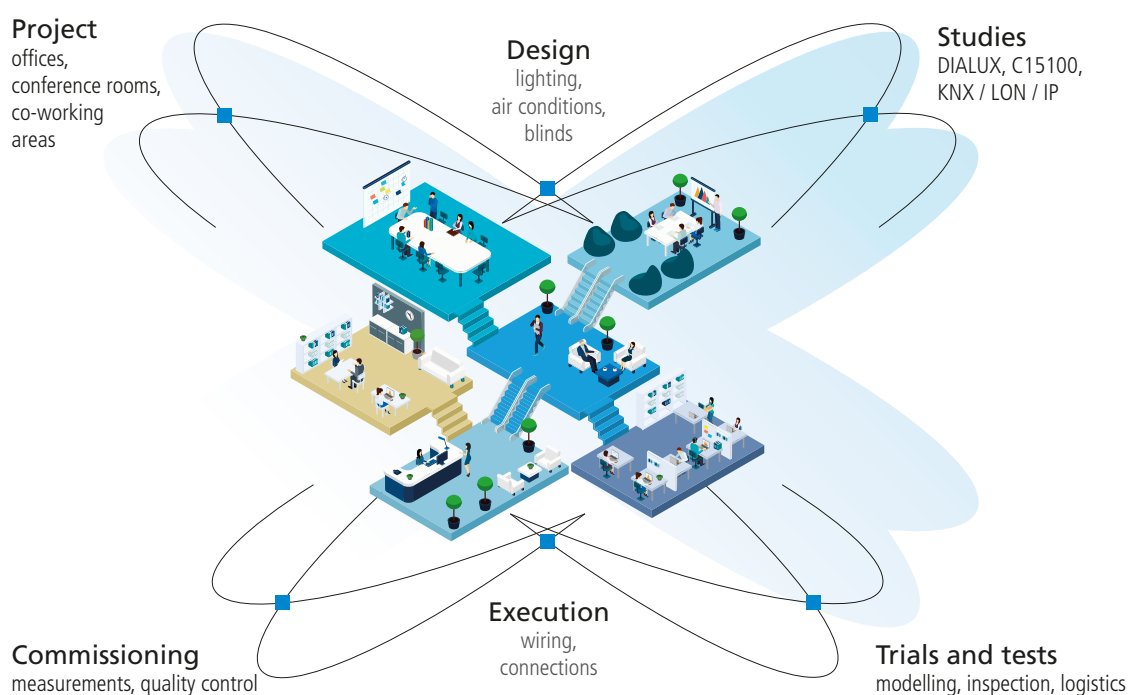
turnkey solution

from design to installation in your building. A service which naturally also comprises the testing and supply of equipment (intelligent sub-distribution boards, lighting elements, sensors, actuators and pre-wired cable connections...).

Developing your project in cooperation with LuciConnect is your guarantee that you will be compliant with RT2012 requirements (Thermal Regulations 2012).



A turnkey project





LuciConnect, an interoperable and upgradable service

The logic controller, comprising the KNX protocol as well as the communication protocols used in the BTM systems, enables reporting in accordance with the applicable thermal regulations.

The advantages of the **Space Lynk controller**

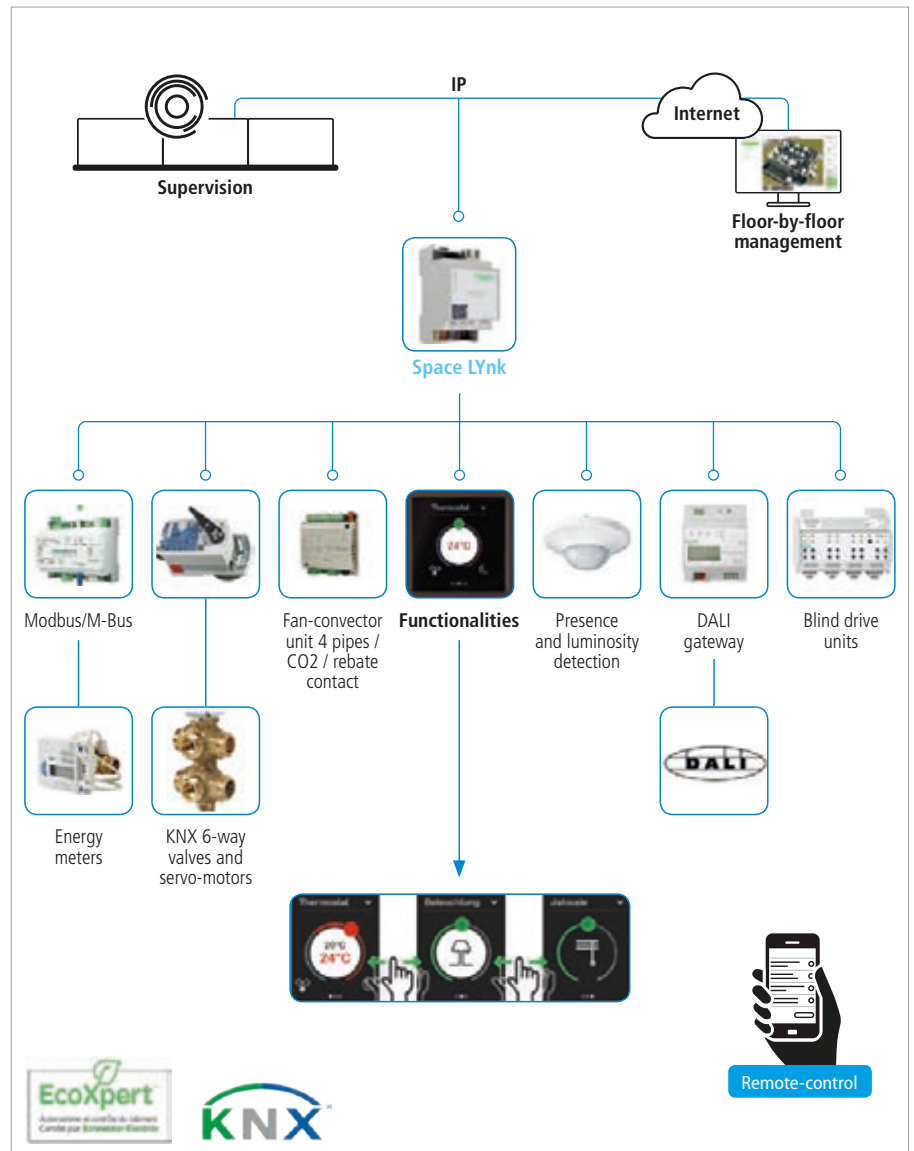
- Power management and metering
- Electrical state and status
- Control of lighting, blinds and air conditioning
- Integration of third-party ModBus products
- Possibility to incorporate the logic controller into a general supervision system thanks to its BACnet 800 points server.

Why opt for the **KNX protocol**?

The only worldwide standard for building supervision

First and foremost because it is open and interoperable: thus accessible to all. It therefore offers its users a free hand in the purchase of elements of equipment (without being limited exclusively to the products of a specific manufacturer) and guarantees the longevity of the installations (above and beyond the upgrading of layout).

Moreover, our standard provides considerable reductions in energy consumption regardless of the construction concerned (service sector, hospitals or hotels, new build or renovations), positioning in class A of the standard NF EN 15232. 2012 Edition Energy Performance of Buildings.



Thanks to its **in-house design office** LuciConnect is able to unite all the skills required for each project, thus offering a **true cost saving** and eliminating the need for third-party interventions.

Our brand names

Our brand names

RIVOLI
R



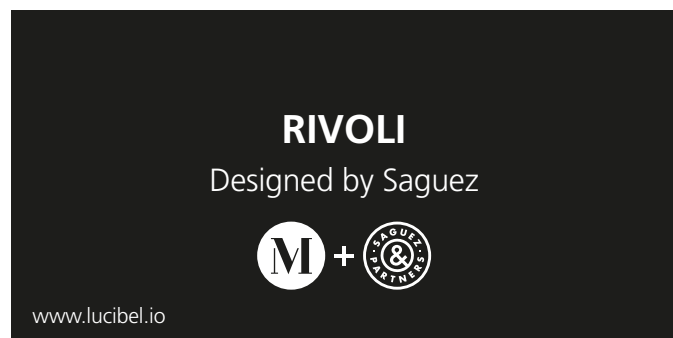
LUXITIS
L'ART DE LA LUMIÈRE

CONFIDENCE AND LIGHT

 **lucibel**
pro

MyLUM[®]
ESSENTIAL LED LIGHTING

Our brand names



Lucibel, a French specialist for innovative solutions based on LED technology, has joined forces with Manganèse, the style creation office of Saguez & Partners, with the aim to jointly offer our clients the ideal lighting solution based on the latest innovations in LED technologies. Intended both for the service as well as the decoration markets, the Rivoli range is the fruit of a joint goal: propose a **standing lamp and a suspension in harmony with the latest workplace trends** (work-on-the-move, flex-office, employee well-being or «just like at home»...). With **its high level of user-friendliness and visual identity**, Rivoli is easily incorporated into the furnishing of a new office space and meets all the needs and expectations of the employees as well as management. **The Rivoli range comprises Cronos (well-being via light) and Bluetooth technologies.**



RIVOLI



Rivoli Aero
Suspension
Embedded Cronos and Bluetooth technologies

Rivoli Alto
Standing lamp
Embedded Cronos technology



PROCÉDÉS HALLIER

Museographic range

www.procedeshallier.fr

Since 1992, Procédés Hallier has been designing and manufacturing, exclusively in France in its workshops in Montreuil, lighting solutions for museums, hotels and high-end boutiques. The emphasis is placed on **lighting quality to ensure the exceptional presentation of the objects as well as the zone illuminated.**

With more than 10 years experience with LED technology, Procédés Hallier presently proposes a complete range of LED products based on state-of-the-art technologies.

Procédés Hallier offers a range of **highly efficient products** with a excellent Colour Rendering Index (CRI), a perfect homogeneity and colour stability over time. Thanks to its **25 years experience and know-how**, Procédés Hallier proposes the high quality equipment required by scenic artists and lighting specialists to highlight the objects exposed (paintings, photographs, statues, sculptures and 3D works of art...), but also exhibition halls, show rooms and passageways.



Musée de l'Homme, Paris (France)



The French Cinematheque, Paris (France)



Reflecto

LED spotlight, rail or bracket mounted
Angles : 35° and 60°
Power : 20W



Focus

Adjustable angle LED spotlight
Angles : 8° to 100°
Power : 21W



Leo

LED framing projector with 1 adjustable lens
Angles : 20° and 33°
Power : 10W



Fenyx

LED framing projector with 2 adjustable lenses
Angles : 16° to 40°
Power : 25W and 35W



Our brand names

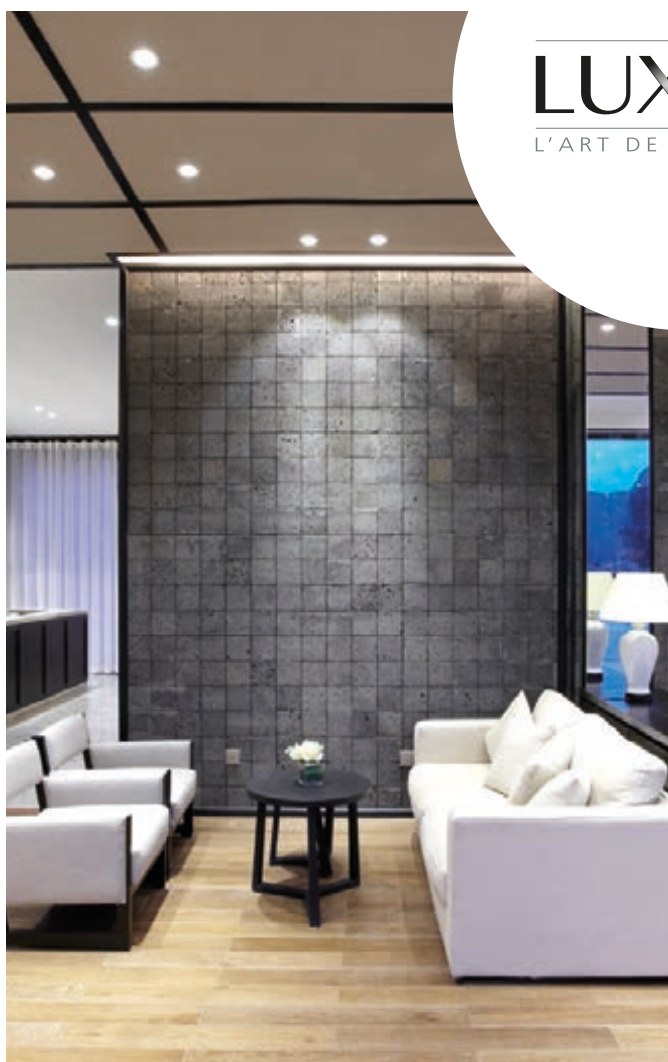


LUXITIS

The art of lighting

www.lucibel.io

The Luxitis range is a range of 'premium' lighting elements, for which the priority is given to **lighting quality** and the use of **noble materials**. It is manufactured exclusively in France and offers an unlimited number of possible customisations (colour, LED, CRI, lens, dimensions, power rating, ...). The common properties of all our products are a very long operating life (up to 100,000 h), excellent luminosity (up to 130 lm/W) and, in particular, close attention paid to the restored light quality. Luxitis is available as flush-mounted, rail-mounted spotlight, suspended and line versions, **to provide additional support in the development of your lighting projects**.



LUXITIS

L'ART DE LA LUMIÈRE

Lighting elements

Built-in range, from spotlights to pendent lighting fixtures.



Helio

Low luminance adjustable LED
Downlight
Angles : 44° and 66°
Power : 11W to 26W



Tetys

Mini LED spotlight
Angles : 10°, 25°, 44° and 66°
Power : 15W



Atla

Powerful pendant lighting fixture
Angle : 90°
Power : 58W to 108W



Linears

LED light designed and assembled for made-to-measure lighting installations.



Our brand names



Our brand names

CONFIDENCE AND LIGHT

Service range: Standing lamps,
hanging and wall lights

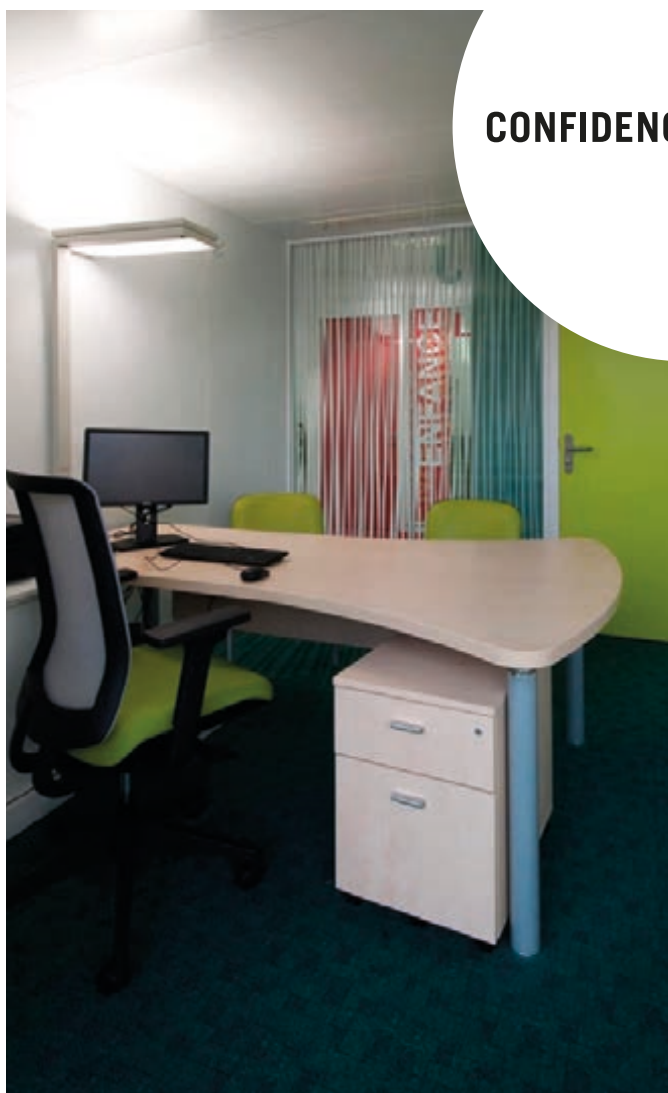
www.confidenceandlight.com

Confidence and Light is a product brand designed and manufactured in France and intended for use as office lighting, with particular attention paid to desktop and standing lamps matching the suspended and wall lights.

The products are easily recognised today thanks to their **sober design** and **continually optimised energy consumption**. Moreover, Confidence and Light lighting elements are becoming more and more intelligent, with the incorporation of miniature detectors and **Infralum wireless technology for communication with all devices and optimisation of visual comfort for the users.**



Saint Joseph hospital, Paris (France) - Cabinet AIA LIFE DESIGNERS



CONFIDENCE AND LIGHT



FineLight pendant lighting



FineLight standing lamps



Philae wall lights



Our brand names

Our brand names

LUCIBEL PRO

Service, shop and industrial sectors range

www.lucibel.io

Lucibel Pro is the **professional range of Lucibel**, with lighting elements intended for use in the service sector (offices, schools, hospitals, retirement homes, ...), shops (supermarkets, boutiques,...) and industry (production, storage,...). Lucibel Pro products are designed to be extremely efficient, long-lasting and easy to install. **Manufactured primarily at our production site in Barentin** (Normandie), their quality and efficiency have been rigorously inspected.

The Lucibel Pro range: for an **easy to install product**, **guaranteed quality and excellent performance**.



Laboratoire Pierre Fabre (technical workshop), Gaillac (France)



Tape à l'oeil, Fasches-Thumesnil (France)



LuciPanel.fr



LuciCup II



Ilur



Tubular



Cordeline



Our brand names

Our brand names

MYLUM

Essentials range

www.lucibel.io

The MyLUM range is **a range of essential LED products** at the right price. This product range has been **optimised for the service sector**, with performance aligned with market requirements and a 3-year commercial warranty. With its panels, spotlights, downlights and watertight floodlights, **the MyLUM range provide what you need for your projects at a low budget, but with the required performance!**



Peugeot, Toulouse (France)



Babilou, Argenteuil (France)

MyLUM®
— ESSENTIAL LED LIGHTING



LED Panel



Downlight



Spot



Garden spotlights



Flood





Our Innovations & new products



Communication via light beams

LED technology is cost efficient, sustainable and smart. It is transforming the worldwide lighting market and it is now part of the digital era.

But it also allows light to be used as a new medium for data transmission thanks to the development by Lucibel of innovative and smart solutions. One of those is the «LiFi by Lucibel», a light-based Internet access solution.

LiFi
by Lucibel



Light, a new way to communicate data

The «LiFi by Lucibel» solution Innovative and environment-friendly solution

Lucibel has developed the very-first lighting fixture in the world equipped with LiFi (Light Fidelity) technology, which provides LED light-based Internet access. LiFi is a technology that allows communication through modulated LED light. A special LED lighting exchanges data with a computer, thereby making Internet access possible. The two-way broadband data transfer is active within the light beam only. This system guarantees total data protection. LiFi provides a great alternative to WiFi in areas where the exchange of information must be secured.

In November 2018, Lucibel brought its 2nd generation of LiFi lighting onto the market with a higher transfer rate and a sales price divided by more than 2.

What are the advantages ?

> Highly secure data transfer:

A connection is only possible within the light cone, thus creating a data confidentiality zone and offering increases safety when transferring data.

> An alternative to radio waves (WiFi):

With LiFi, the data is transferred by the light beam between the network and the user's IT device with **no interference whatsoever to the surrounding radio waves and subsequently no disturbance in the operation of medical equipment** (scanner, MRI, ...).

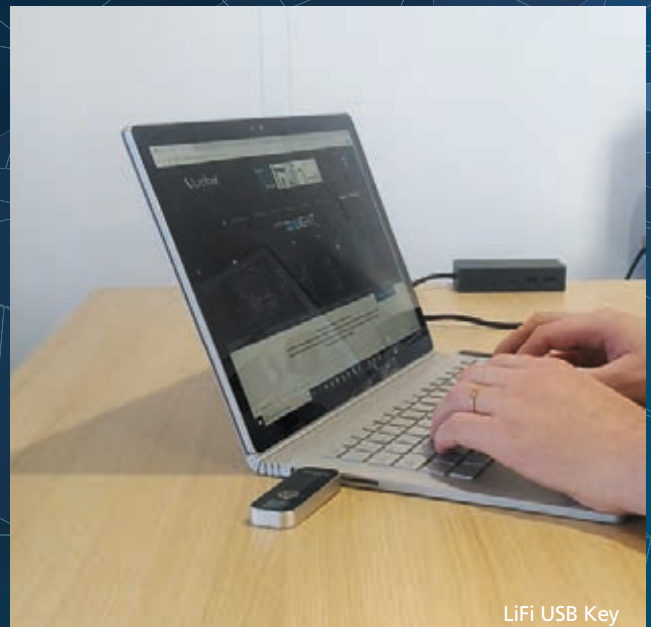
The absence of radio waves also enables LiFi technology **to be used in areas where access to WiFi is limited or non-existent**, an example of such areas are those governed by the Abeille law of 2015 prohibiting the deployment of WiFi in buildings receiving children under the age of 3 (nurseries, maternity wards, neonatology wards,...).

> The creation of connected and flexible work places:

The «LiFi by Lucibel» solution creates **guaranteed and homogeneous connectivity zones** in places where WiFi is not available, or limited for technical reasons, thus providing **an uninterrupted internet connection**.

> Creation of connectivity zones with guaranteed «Quality of Service (QoS)»:

The «LiFi by Lucibel» concept enables **creation of connectivity zones where the QoS is guaranteed**, with a data transfer rate of 54 Mbps bi-directional and low transfer latency.



The LiFi system developed by Lucibel comprises a LED lighting element, a LiFi USB dongle used to transmit and receive data via light waves thus offering the user total mobility.



LiFi VIDEO
LedLucibel

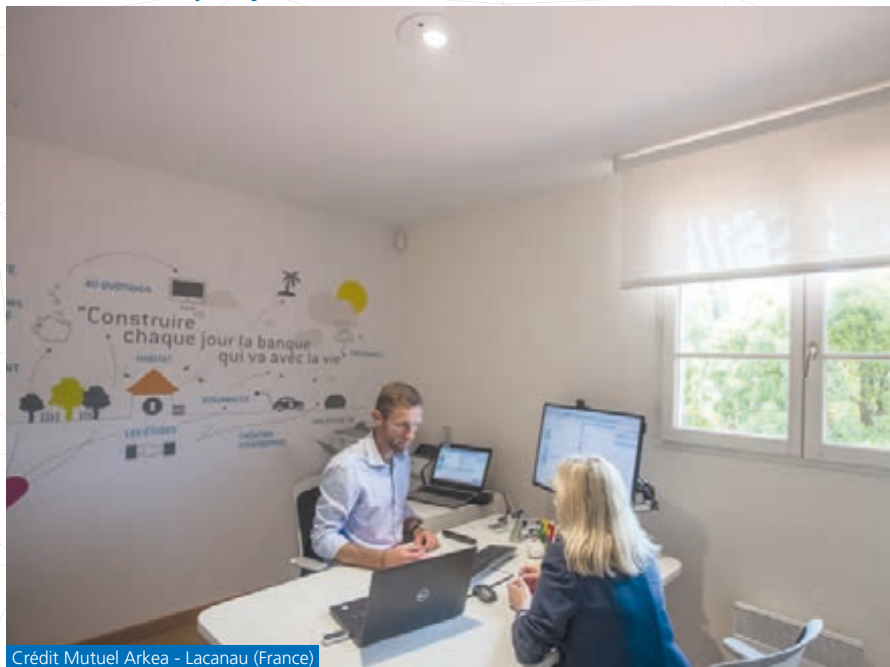
<http://www.lucibel.io/en/communication>

Communication

Communication via light beams



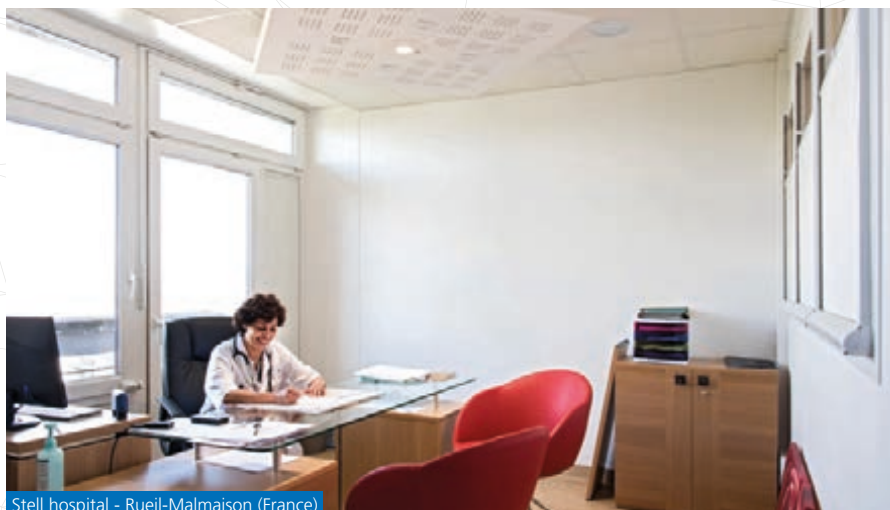
Customer projects



Crédit Mutuel Arkea - Lacanau (France)



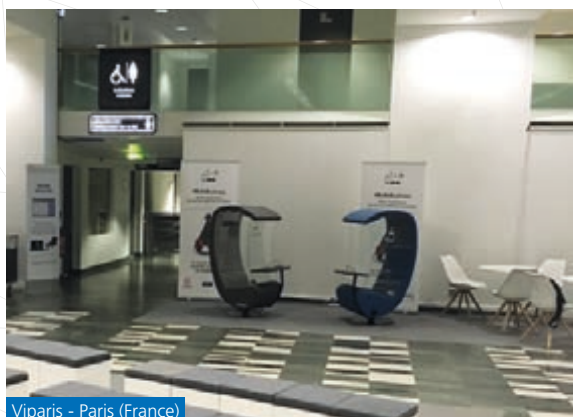
SAP - Paris (France)



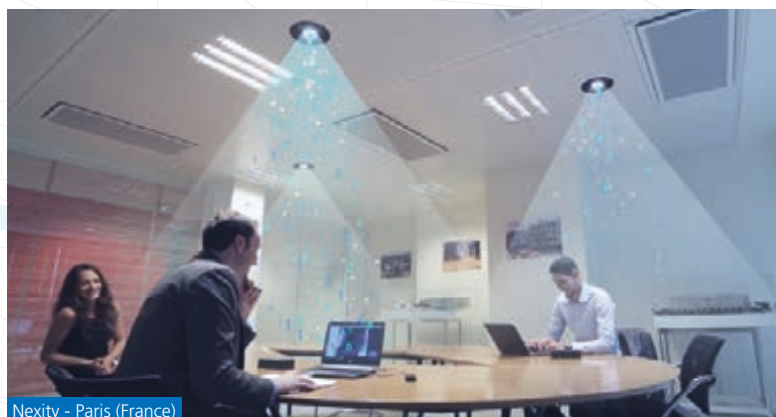
Stell hospital - Rueil-Malmaison (France)



Stell hospital - Rueil-Malmaison (France)



Viparis - Paris (France)



Nexity - Paris (France)

REFERENCES



LiFi range



LiFi lighting fixtures

LiFiCup
(Standard and POE)



Code : **LC840WH**
Rate 54 Mbps
Colour T° : 4000K
Diffusion angle 76°

LiFi receivers

LiFi USB key



Code : **CLELIFI.01**

LuciBox



Code : **LUCIBOX.01**

LiFi incorporated products

LiFi demo Kit



Connected seat



Interaction

The LED lighting elements, when used as a vector for the transmission of data, open the door to new technologies and applications. Lucibel has therefore developed innovative and connected solutions providing a new dimension to its products thanks to, for example, its «VLC» (Visible Light Communication) technology which enables interaction and geo-localisation via light beams by transmitting a unique code detected by the smartphones and tablets. The code is detected by the user and delivers precise and contextual information.



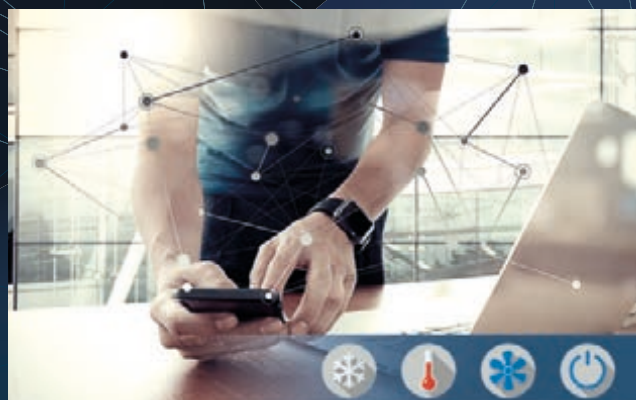
Step into the light!

Get the right information in the right place at the right time

The «VLC by Lucibel» solution

Interaction and geolocation technology

VLC (Visible Light Communication) is technology used for unidirectional data transmission via the visible, modulated light beam of a LED lamp. Each lamp equipped with embedded VLC technology therefore becomes a communicating device and transmits its unique ID. This ID is then decoded by the cameras of the latest generation of smartphones and/or tablets (Android and iOS) using the OCC – Optical Camera Communication protocol. This solution enables signal detection precision to within several centimetres between two lamps and a high level of triggering reactivity of the content on the terminal, making VLC the ideal technology for interaction and geo-localisation via emitted light.



What are the advantages ?

Light is everywhere! We are able to render furniture, marketing supports, traditional lighting or illuminated objects communicating!

A veritable **sales support tool** (product presentation application, couponing, advice & feedback, ...), **discovery tool** (application for the presentation of objects and spaces, providing additional content and information) and an **indoor guide tool** (indoor guide application in partnership with MapWize for precise localisation and guiding).

- > Signal localisation precision up to 10cm.
- > Compatible with the most recent smart phones.
- > Fast data transfer and interaction.
- > No limit to the number of users per light-touch point.
- > Easy deployment of the solution.



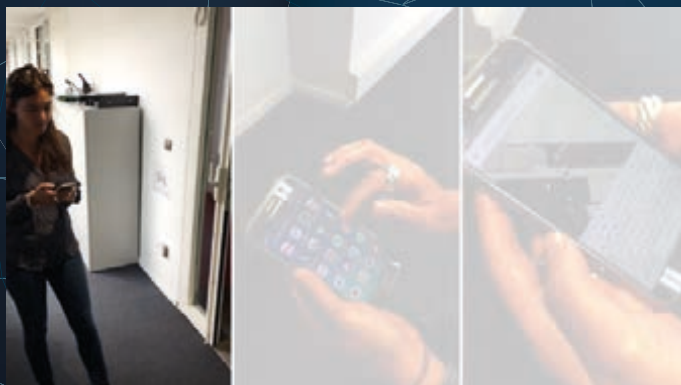
VLC range



VLC box

Light Touch-Point

> to be installed between the Driver and the LED of a LED lamp



<http://www.lucibel.io/en/interaction>



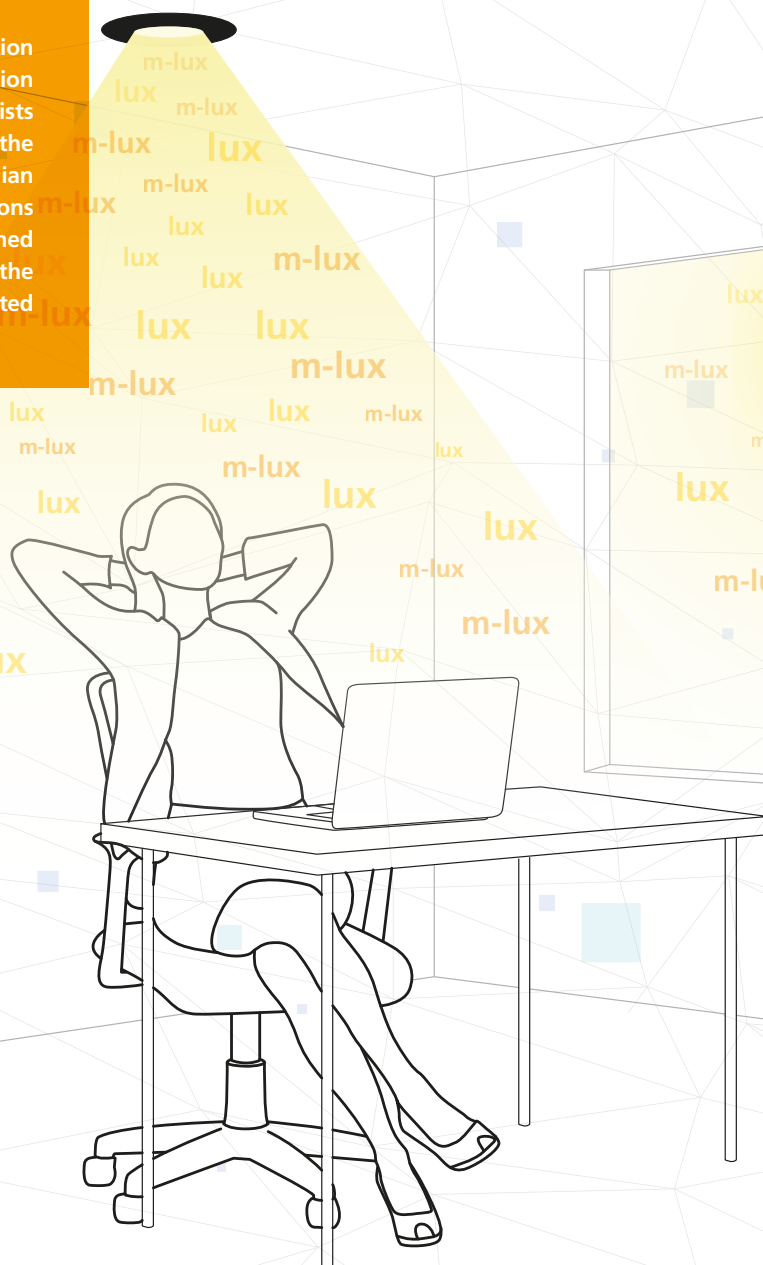
VLC VIDEO
LedLucibel

Well-being

A few days after the announcement that the Nobel Prize for Medicine was attributed to three American researchers for their work on the biological clock, Lucibel introduced Cronos onto the market.

This innovative lighting element favours synchronisation of the biological rhythm of the user by reproducing the sun's light cycle at each point in time in order to enhance the feeling of well being.

Using this disruptive innovation developed in close cooperation with a team of neurobiologists and doctors, Lucibel offers the general public access to circadian technological lighting solutions which until now has remained reserved with elite athletes and the NASA space agency for its inhabited space voyages.



Light and body in perfect harmony

Circadian rhythm

The circadian rhythm is a biological cycle ruling a variety of physiological processes essential for correct functioning of the human body. Its length is approximately 24 hours and it is regulated by light which has a synchronizing role.

Nowadays, people spend more than 80% of their time indoors under artificial lighting. This lack of exposure to natural light has disturbed the biological rhythm and consequently has reduced sleep by about 1 hour a day over the past 100 years.

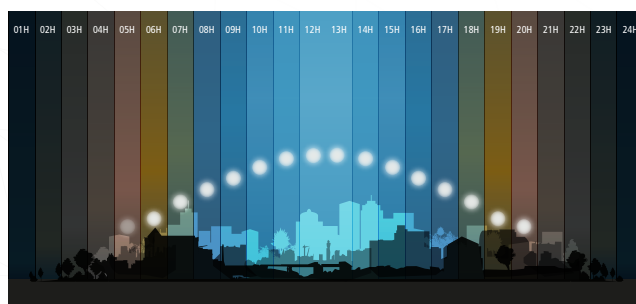
Cronos, by Lucibel

Lucibel has designed an **innovative lighting solution allowing the synchronization of circadian rhythm by simulating sunlight** and its impact on the body.

Cronos lighting varies in intensity and color temperature, determined by a programmed daily scenario, ensuring **optimal visual comfort** at all times. This scenario was defined **in collaboration with a team of neurobiologists and sleep doctors**, and replicates the natural light cycle with a duration of 8 to 10 hours as required.

What are the advantages?

- > **Enhance**
Concentration, vigilance and memorisation.
- > **Optimise**
The sleep-wake cycle.
- > **Improve**
Well-being and efficiency throughout the day.



Cronos VIDEO
LedLucibel

<http://www.lucibel.io/en/bien-etre>

A CLINICAL STUDY SHOWS THE Cronos BENEFITS

Study results:

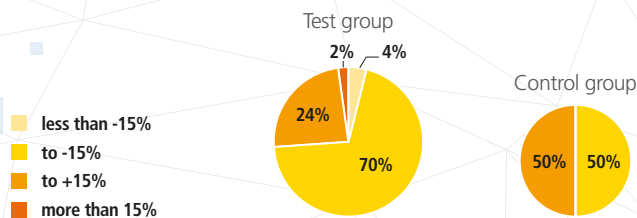
In order to validate the benefits of the Cronos technology under real conditions, Lucibel tested it within a clinical study, realized by an independent expert : a medical team from the Hôtel Dieu, Paris. The study has been conducted during 28 days on 70 employees from the Nexity group.

The results are impressive: **under Cronos lighting, 75% of the participants have seen their performances improve, their drowsiness reduce and had a better quality sleep.**

Cronos improves the performance and the alertness

(speed test and decision making)

The measurements of attention span carried out illustrate a significant improvement, up to 15% more reaction time for 3 out of persons 4 exposed to Cronos lighting.

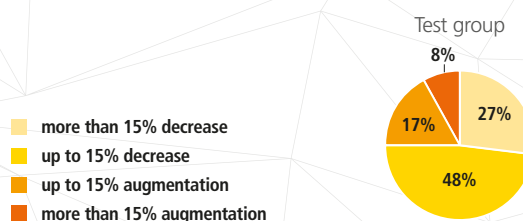


Distribution of reaction time reductions between the two study periods for the Cronos group and the referent group (under traditional lighting).

Cronos is reducing the drowsiness

(KSS* test)

The somnolence is reduced throughout the day under Cronos lighting. The attention is thus improved for 3 out of 4 people.

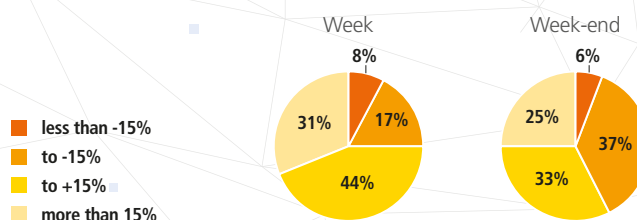


Distribution of drowsiness decrease rates at 2pm between two periods of the study for the Cronos group and the reference group (under traditional lighting).

Better quality sleep

(subjective quality tests and actimetric measurements)

Under the Cronos lighting, the self-perceived sleep quality is improved for 3 out of 4 people. It is extremely improved for 1 out of 4 persons with a 43% gain.



Distribution of the improvement rate in the self-perceived sleep quality between the two periods of the study for the test group.

* Karolinska Sleepiness Scale

THANKS TO CRONOS,
3 OUT OF 4 USERS
RECOVER THE BENEFITS
OF A WHOLE DAY
UNDER THE SUN !

Cronos range



Cronos lighting fixtures

LuciPanel Cronos - 600x600mm



Code : **LFR1001CR.01**

Luminosity from 2000 lm to 6000 lm

Mean power consumption 50 W

Colour T° from 2700 K to 5400 K

(CRI>90)

Ores Cronos



Code : **C1001CR.01**

Luminosity from 1000 lm to 3500 lm

Mean power consumption 30 W

Colour T° from 2700 K to 5400 K

(CRI>90)

Rivoli Alto Cronos



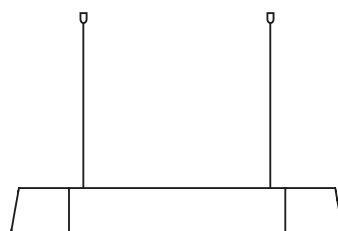
RIVOLI

Designed by Saguez



Rivoli

RIVOLI R



THE NEW
LUCIBEL
DESIGN COLLECTION
AT THE SERVICE
OF OUR
WELL-BEING
VIA LIGHT.

RIVOLI ALTO

CRONOS EMBEDDED TECHNOLOGY

Cronos: throughout the day, the Rivoli Alto standing lamp reproduces natural lighting with a positive effect on our bodies. It is also possible to select the « boost » or « relax » modes at any time.

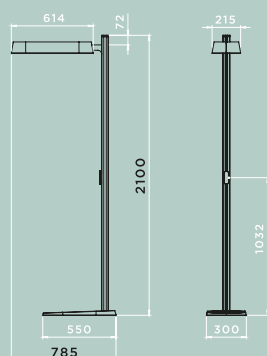
MATERIALS

Lampshade: polished aluminium | **Head**: aluminium |
Post: aluminium | **Cladding**: aluminium or wood |
Base: aluminium & sheet steel DC01

TECHNICAL CHARACTERISTICS

Operating lives: 50 000 h L80B10 (Ta=25°C) |
Operating temperature: -20°C ; +45°C |
Type of electrical connection: mains power point |
Type of control: touchpad on the post for variation and mode selection
Lighting lens: micro-prismatic, anti-glare (UGR < 19), direct/indirect lighting (30 % / 70 %)
Max. power: 100W with incorporated appliances
Colour temperature: 3000K to 5400K
Max. luminosity: 7800lm
Colorimetry: CRI > 90 // SDCM < 3
Protection rating: IP20 / IK02 |
Electrical class: class II

Weight: 12 Kg



FINISH

Standard :



Anthracite RAL 7021



White RAL 9010

Premium :



Rhodium DS 0030



Anthracite + wood

OPTIONS

Special request for a combination of post / lampshade colours.
 Customised finish on request.

References:

FINISH WITHOUT LAMP SHADE	Cronos
Anthracite	RIV21CRAN
White	RIV21CRBL
Rhodium	RIV21CRRH
Titanium	RIV21CRTI
Anthracite + wood	RIV21CRBO

To add a lampshade, complete the reference with the finish required:

Anthracite	White	Rhodium	Titanium
01	02	03	04

Ex : Rivoli Alto finish anthracite with titanium lampshade = RIV21CRAN.04

RIVOLI AERO

CRONOS AND BLUETOOTH EMBEDDED TECHNOLOGIES

Cronos : throughout the day, the Rivoli Aero suspension lamp reproduces natural lighting with a positive effect on our bodies. It is also possible to select the « boost » or « relax » modes at any time.

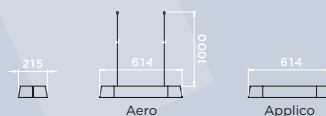
Bluetooth : each device becomes communicating and can be controlled individually, from a smartphone, a switch or a detector. No more cable pulling constraint for this light management, everything is done by bluetooth waves, in an open ecosystem.

MATERIALS

Lampshade: polished aluminium | **Head**: aluminium |
Suspension : steel

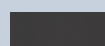
TECHNICAL CHARACTERISTICS

Operating lives: 50 000 h L80B10 (Ta=25°C) |
Operating temperature: -20°C ; +45°C |
Lighting lens: micro-prismatic, anti-glare (UGR < 19), direct/indirect lighting (30 % / 70 %)
Max. power: 75W with incorporated appliances
Colour temperature: 2700K to 5400K
Max. luminosity: 6500lm
Colorimetry: CRI > 90 // SDCM < 3
Protection rating: IP20 / IK02 |
Electrical class: class II

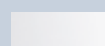


FINISH

Standard :



Anthracite RAL 7021

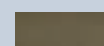


White RAL 9010

Premium :



Rhodium DS 0030



Titanium

Lampshades available in these same shades.

OPTIONS

Available with or without lampshade.
 Possibility of mixing the colors head and lampshade. Customised finish on request, possibility of customizing lampshades with paint or fabric finishes.

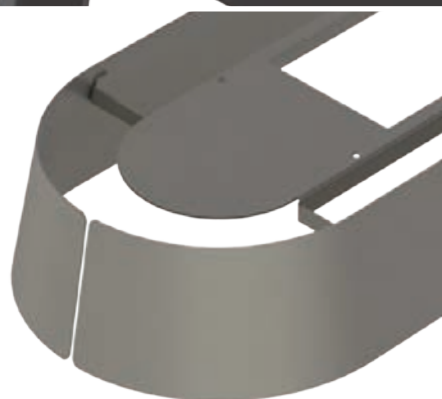
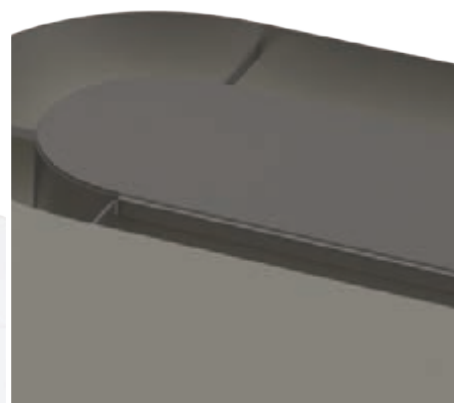
References (Rivoli Aero only available with lampshade):

FINISH WITH LAMP SHADE	Cronos
Anthracite	RIVAEROCAN
White	RIVAEROBL
Rhodium	RIVAERORH
Titanium	RIVAEROTI

Complete the reference with the required lampshade:

Anthracite	White	Rhodium	Titanium
01	02	03	04

Ex : Rivoli Aero finish anthracite with titanium lampshade = RIVAEROCAN.04



A full-metal or hollowed
oblong base
to interact with the table leg.
The painted metal,
removable **lampshades**
which match or contrast with the posts.
A **touchpad** for natural
touch control.
A **central ridge** which structures
the design and highlights
the verticality.



FINISH COLOUR COMBINATIONS MAY BE CUSTOMISED



Anthracite & Houndstooth



Anthracite & Green



White & Dove grey

Rivoli range



FINISH STANDARD



White and Anthracite,
with or without lampshade.

FINISH PREMIUM



Rhodium and
Anthracite + Wood.

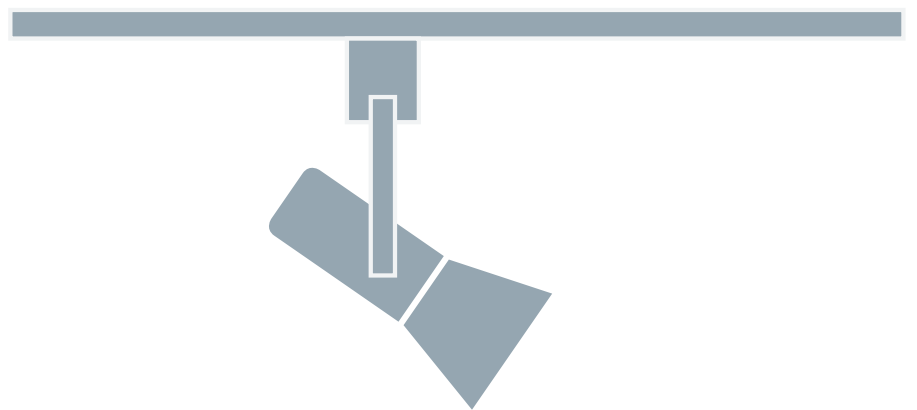
LAMPSHADE STANDARD



White, Anthracite,
Rhodium and Golden.



Rail-mounted spotlights





GARO RANGE



With GARO, our designers have taken up the challenge to design an aesthetically modern spotlight which is particularly compact and extremely versatile! This LED spotlight is available in power ratings ranging from 15W to 42W. With its excellent colour rendering index (CRI>90) and 3 different lens angles, the Garo is ideal for the highlighting of all your products.

APPLICATIONS

Highlighting of products, Accentuation lighting, Displays, Stages, ...








Kaporal, Roncq (France)



GARO - 28W & 42W

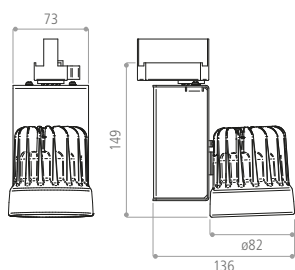


	IP20	IK06	CRI >90			850°		
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Type	3-circuit track spotlight
Materials / components	Aluminium heat dissipater - Body made of steel - Tempered glass facing - Polished aluminium multi-facet reflector
Colours	White or black (grey in option)
Driver	INCLUDED: Standard (brand Tridonic)
Electrical input characteristics	220-240 VAC / 0,13 A / 50-60 Hz (28W) 220-240 VAC / 0,20 A / 50-60 Hz (42W)
Power factor	> 0,9
Type of LED	Citizen COB LED latest generation
MacAdam ellipse	< 3 SDCM
Operating life	L80B50 = 50 000h (Ta = 25°C)
Operating temperature	-20°C / +35°C

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WHITE	BLACK
28 W CRI 90	2430 lm	27 W	90 lm/W	3000 K	23°	H15D1014WHG	H15D1014BKG
	2470 lm		91 lm/W	4000 K		H15D1015WHG	H15D1015BKG
	2430 lm		90 lm/W	3000 K	37°	H15D1003WHG	H15D1003BKG
	2470 lm		91 lm/W	4000 K		H15D1004WHG	H15D1004BKG
42 W CRI 90	3350 lm	42 W	80 lm/W	3000 K	23°	H15D1063WHG	H15D1063BKG
	3400 lm		81 lm/W	4000 K		H15D1064WHG	H15D1064BKG
	3350 lm		80 lm/W	3000 K	37°	H15D1053WHG	H15D1053BKG
	3400 lm		81 lm/W	4000 K		H15D1054WHG	H15D1054BKG

Power ratings available on request: 15W, 20W and 36W
Angle available on request: 16°



Unit: mm

Options	Specific colour LED Fruit & vegetables / Bakery / Butcher / Textile Dimmer system: DALI PB - Dimmable via a potentiometer from 0 to 100% Finish: Other RAL on request Ceiling fastening with brackets (not suitable for wall fastening)
Accessories (sold separately)	Light deflectors and adjustable light deflector cylinder Track: 3-circuit track / 3-circuit track + Bus / plastic bracket Low luminescence honeycomb grid



Light deflectors



Adjustable light deflector cylinder



3-circuit track / 3-circuit track + Bus / Plastic bracket



Honeycomb grid



TREVORS RANGE



TREVORS is a variant of GARO, with a different power supply box layout, thus modifying the product proportions rendering it more discrete once mounted on the rail. It has the same characteristics as the GARO, i.e. excellent versatility and a modern and compact design.

APPLICATIONS

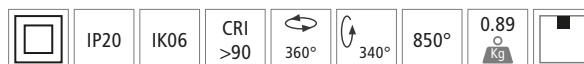
Highlighting of products, Accentuation lighting, Displays, Stages, ...



Roche Bobois, Seclin (France)



TREVORS - 28W & 42W



Type	3-circuit track spotlight
Materials / components	Aluminium heat dissipater - Body made of steel - Tempered glass facing - Polished aluminium multi-facet reflector
Colours	White or black (grey in option)
Driver	INCLUDED: Standard (brand Tridonic)
Electrical input characteristics	220-240 VAC / 0,13 A / 50-60 Hz (28W) 220-240 VAC / 0,20 A / 50-60 Hz (42W)
Power factor	> 0,9
Type of LED	Citizen COB LED latest generation
MacAdam ellipse	< 3 SDCM
Operating life	L80B50 = 50000h (Ta = 25°C)
Operating temperature	-20°C / +35°C

Extension of range - TREVORS semi-embedded

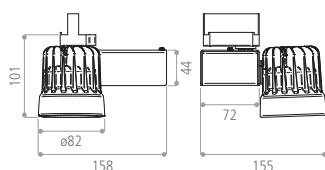


VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WHITE	BLACK
28 W CRI 90	2430 lm	27 W	90 lm/W	3000 K	23°	H14C3414WHG	H14C3414BKG
	2470 lm		91 lm/W	4000 K		H14C3415WHG	H14C3415BKG
	2430 lm		90 lm/W	3000 K	37°	H14C3403WHG	H14C3403BKG
	2470 lm		91 lm/W	4000 K		H14C3404WHG	H14C3404BKG
42 W CRI 90	3350 lm	42 W	80 lm/W	3000 K	23°	H14C3463WHG	H14C3463BKG
	3400 lm		81 lm/W	4000 K		H14C3464WHG	H14C3464BKG
	3350 lm		80 lm/W	3000 K	37°	H14C3453WHG	H14C3453BKG
	3400 lm		81 lm/W	4000 K		H14C3454WHG	H14C3454BKG

Power ratings available on request: 15W, 20W and 36W

Angle available on request: 16°

Options	Specific colour LED Fruit & vegetables / Bakery / Butcher / Textile Dimmer system: DALI PB - Dimmable via a potentiometer from 0 to 100% Finish: Other RAL on request Ceiling fastening with brackets (not suitable for wall fastening)
Accessories (sold separately)	Light deflectors and adjustable light deflector cylinder Track: 3-circuit track / 3-circuit track + Bus / plastic bracket Low luminescence honeycomb grid



Unit: mm



Light deflectors



Adjustable light deflector cylinder



3-circuit track / 3-circuit track + Bus / Plastic bracket



Honeycomb grid



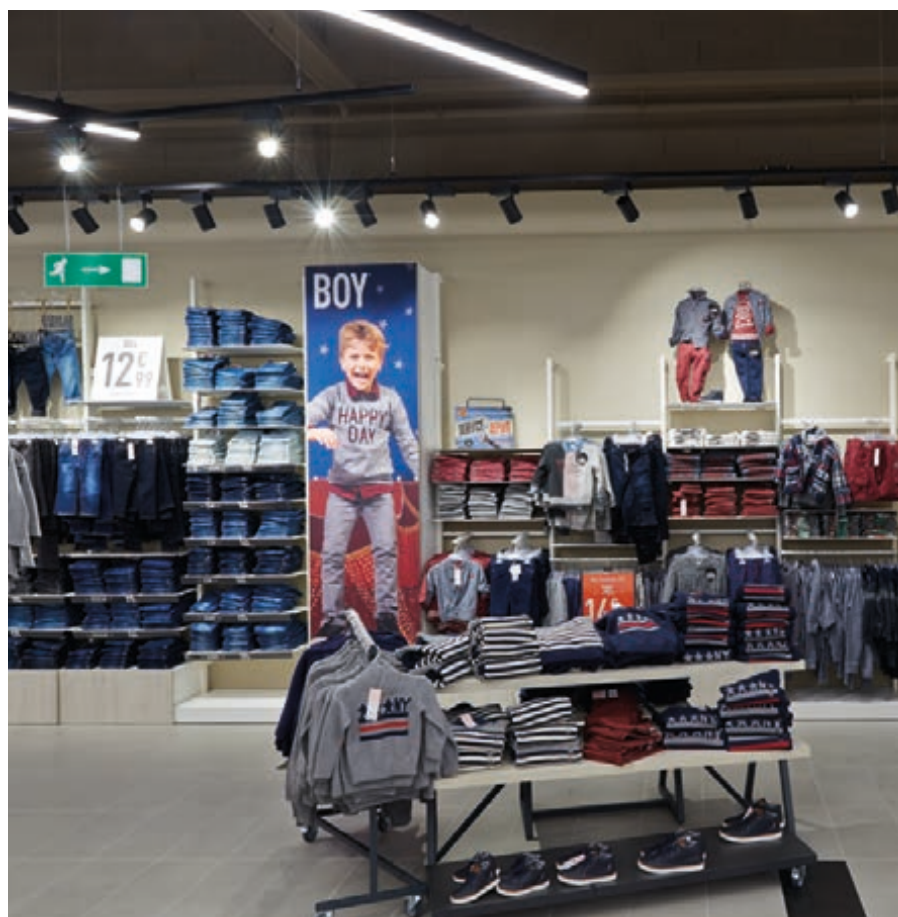
HISCRA RANGE



HISCRA is a new LED spotlight with a sober design and easily swivelled as it is mounted on a ball support. In spite of its compact size, the HISCRA may attain a power of up to 42W and represents an excellent alternative for a medium power LED spotlight.

APPLICATIONS

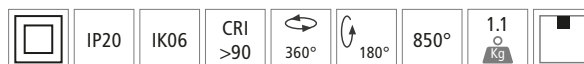
Galleries, Shops, Displays, ...



Tape à l'Oeil, Roncq (France)



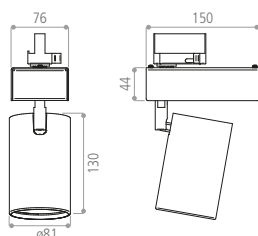
HISCRA - 28W & 42W



Type	3-circuit track spotlight
Materials / components	Aluminium heat dissipater - Body made of steel - Tempered glass facing - Polished aluminium multi-facet reflector
Colours	White or black (grey in option)
Driver	INCLUDED: Standard (brand Tridonic)
Electrical input characteristics	220-240 VAC / 0,13 A / 50-60 Hz (28W) 220-240 VAC / 0,20 A / 50-60 Hz (42W)
Power factor	> 0,9
Type of LED	Citizen COB LED latest generation
MacAdam ellipse	< 3 SDCM
Operating life	L80B50 = 50000h (Ta = 25°C)
Operating temperature	-20°C / +35°C

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WHITE	BLACK
28 W CRI 90	2430 lm	27 W	90 lm/W	3000 K	23°	A5088223WHG	A5088223BKG
	2470 lm		91 lm/W	4000 K		A5088224WHG	A5088224BKG
	2430 lm		90 lm/W	3000 K	37°	A5088203WHG	A5088203BKG
	2470 lm		91 lm/W	4000 K		A5088204WHG	A5088204BKG
42 W CRI 90	3350 lm	42 W	80 lm/W	3000 K	23°	A5088423WHG	A5088423BKG
	3400 lm		81 lm/W	4000 K		A5088424WHG	A5088424BKG
	3350 lm		80 lm/W	3000 K	37°	A5088403WHG	A5088403BKG
	3400 lm		81 lm/W	4000 K		A5088404WHG	A5088404BKG

Power ratings available on request: 15W, 20W and 36W
Angle available on request: 16°



Unit: mm

Options	Specific colour LED Fruit & vegetables / Bakery / Butcher / Textile Dimmer system: DALI PB - Dimmable via a potentiometer from 0 to 100% Finish: Other RAL on request Ceiling fastening with brackets (not suitable for wall fastening)
Accessories (sold separately)	Light deflectors and adjustable light deflector cylinder Track: 3-circuit track / 3-circuit track + Bus / plastic bracket Low luminescence honeycomb grid



Light deflectors



Adjustable light deflector cylinder



3-circuit track / 3-circuit track + Bus / Plastic bracket



Honeycomb grid



HISCRA + RANGE



Available up to 65W, this spotlight is the most powerful in the range. With an output of more than 120 lm/W useful luminosity (CRI80 and 4000K), it is specifically designed for accentuation lighting, including installation under high ceilings. Hyper compact and sober design, it provides exceptional lighting performance of up to 7000 lm.

APPLICATIONS

Galleries, Shops, Displays, ...











1.2.3, Rouen (France)



○ ● (●)

HISCRA+ High-power spotlight - 55W & 65W

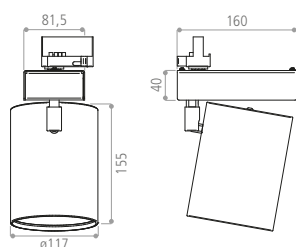


							
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Type	3-circuit track spotlight
Materials / components	Aluminium heat dissipater - Body made of steel - Tempered glass facing - Polished aluminium multi-facet reflector
Colours	White or black (grey in option)
Driver	INCLUDED: Standard (brand Tridonic)
Electrical input characteristics	220-240 VAC / 0,27 A / 50-60 Hz (55W) 220-240 VAC / 0,31 A / 50-60 Hz (65W)
Power factor	> 0,9
Type of LED	Citizen COB LED latest generation
MacAdam ellipse	< 3 SDCM
Operating life	L80B50 = 50000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WHITE	BLACK
55 W CRI 90	5170 lm	52 W	99 lm/W	3000 K	34°	A50944C2WHG	A50944C2BKG
	5340 lm		103 lm/W	4000 K		A50944D2WHG	A50944D2BKG
	5170 lm		99 lm/W	3000 K	60°	A50944C3WHG	A50944C3BKG
	5340 lm		103 lm/W	4000 K		A50944D3WHG	A50944D3BKG
65 W CRI 90	5930 lm	66 W	90 lm/W	3000 K	34°	A50945C2WHG	A50945C2BKG
	5990 lm		91 lm/W	4000 K		A50945D2WHG	A50945D2BKG
	5930 lm		90 lm/W	3000 K	60°	A50945C3WHG	A50945C3BKG
	5990 lm		91 lm/W	4000 K		A50945D3WHG	A50945D3BKG

Angle 18° available on request. If required to optimise the output luminosity, a CRI80 product is available on request.



Unit: mm

Options	Specific colour LED Fruit & vegetables / Bakery / Butcher / Textile Dimmer system: DALI PB - Dimmable via a potentiometer from 0 to 100% Finish: Other RAL on request Ceiling fastening with brackets (not suitable for wall fastening)
Accessories (sold separately)	Light deflectors and adjustable light deflector cylinder Track: 3-circuit track / 3-circuit track + Bus / plastic bracket Low luminescence honeycomb grid



Light deflectors



Adjustable light deflector cylinder



3-circuit track / 3-circuit track + Bus / Plastic bracket



Honeycomb grid



ILUR RANGE



ILUR, a modern design which has been created to unit performance and competitiveness! It comprises all of the latest LED technologies, which enables it to attain a level of efficiency which exceeds 120 lm/W (CRI80 and 4000K).

The wide range of versions and models available enable us to equip the entire sales surface with the design.

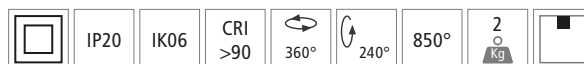
APPLICATIONS

Galleries, Shops, Displays, ...





ILUR - 42W & 55W



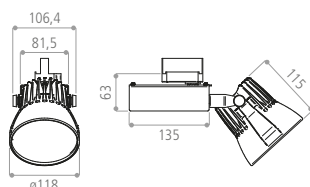
Type	3-circuit track spotlight
Materials / components	Aluminium heat dissipater - Body made of steel - Tempered glass facing - Polished aluminium multi-facet reflector
Colours	White or black (grey in option)
Driver	INCLUDED: Standard (brand Tridonic)
Electrical input characteristics	220-240 VAC / 0,20 A / 50-60 Hz (42W) 220-240 VAC / 0,27 A / 50-60 Hz (55W)
Power factor	> 0,9
Type of LED	Citizen COB LED latest generation
MacAdam ellipse	< 3 SDCM
Operating life	L80B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WHITE	BLACK
42 W CRI 90	3920 lm	40 W	98 lm/W	3000 K	34°	H14B1813WHG	H14B1813BKG
	3980 lm		100 lm/W	4000 K		H14B1814WHG	H14B1814BKG
	3920 lm		98 lm/W	3000 K	60°	H14B1803WHG	H14B1803BKG
	3980 lm		100 lm/W	4000 K		H14B1804WHG	H14B1804BKG
55 W CRI 90	4730 lm	52 W	91 lm/W	3000 K	34°	H14B1863WHG	H14B1863BKG
	4800 lm		92 lm / W	4000 K		H14B1864WHG	H14B1864BKG
	4730 lm		91 lm/W	3000 K	60°	H14B1853WHG	H14B1853BKG
	4800 lm		92 lm / W	4000 K		H14B1854WHG	H14B1854BKG

Power ratings available on request: 28W and 36W

Angle available on request: 18°

Options	Specific colour LED Fruit & vegetables / Bakery / Butcher / Textile Dimmer system: DALI PB - Dimmable via a potentiometer from 0 to 100% Finish: Other RAL on request Ceiling fastening with brackets (not suitable for wall fastening)
Accessories (sold separately)	Light deflectors and adjustable light deflector cylinder Track: 3-circuit track / 3-circuit track + Bus / plastic bracket Low luminescence honeycomb grid



Unit: mm



Light deflectors



Adjustable light deflector cylinder



3-circuit track / 3-circuit track + Bus / Plastic bracket



Honeycomb grid



HOUAT RANGE



This spotlight is the fruit of the best of our products: as compact as the GARO and a design as sober as that of the HISCRA. Available in five power ratings up to 42W, this product is the starting point for our new generation of spotlights which are more efficient, more compact and as always it may be customised to suit your projects!

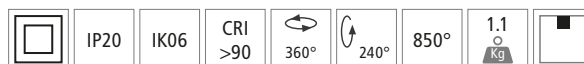
APPLICATIONS

Galleries, Shops, Displays, ...





HOUAT - 28W & 42W

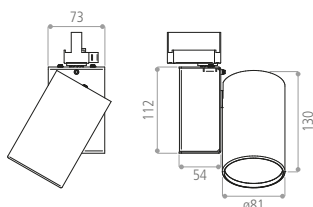


Type	3-circuit track spotlight
Materials / components	Aluminium heat dissipater - Body made of steel - Tempered glass facing - Polished aluminium multi-facet reflector
Colours	White or black (grey in option)
Driver	INCLUDED: Standard (brand Tridonic)
Electrical input characteristics	220-240 VAC / 0,14 A / 50-60 Hz (28W) 220-240 VAC / 0,20 A / 50-60 Hz (42W)
Power factor	> 0,9
Type of LED	Citizen COB LED latest generation
MacAdam ellipse	< 3 SDCM
Operating life	L80B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WHITE	BLACK
28 W CRI 90	2430 lm	27 W	90 lm/W	3000 K	23°	A50918C2WHG	A50918C2BKG
	2470 lm		91 lm/W	4000 K		A50918D2WHG	A50918D2BKG
	2430 lm		90 lm/W	3000 K	37°	A50918C3WHG	A50918C3BKG
	2470 lm		91 lm/W	4000 K		A50918D3WHG	A50918D3BKG
42 W CRI 90	3350 lm	42 W	80 lm/W	3000 K	23°	A50920C2WHG	A50920C2BKG
	3400 lm		81 lm/W	4000 K		A50920D2WHG	A50920D2BKG
	3350 lm		80 lm/W	3000 K	37°	A50920C3WHG	A50920C3BKG
	3400 lm		81 lm/W	4000 K		A50920D3WHG	A50920D3BKG

Power ratings available on request: 15W, 20W and 36W

Angle available on request: 16°



Unit: mm

Options	Specific colour LED Fruit & vegetables / Bakery / Butcher / Textile Dimmer system: DALI PB - Dimmable via a potentiometer from 0 to 100% Finish: Other RAL on request Ceiling fastening with brackets (not suitable for wall fastening)
Accessories (sold separately)	Light deflectors and adjustable light deflector cylinder Track: 3-circuit track / 3-circuit track + Bus / plastic bracket Low luminescence honeycomb grid



Light deflectors



Adjustable light deflector cylinder



3-circuit track / 3-circuit track + Bus / Plastic bracket



Honeycomb grid



BAZ LED 2 RANGE



BAZ LED 2 offers a well-balanced design with a power supply incorporated into the body of the product, thus rendering it suitable for a wide variety of operating environments.

APPLICATIONS






Galleries, Shops, Displays, ...





BAZ LED 2 - 42W

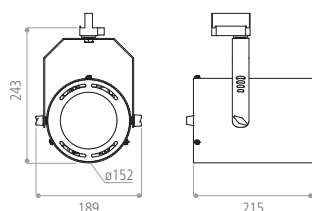


	IP20	IK06	CRI >90			850°	2.65 	
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Type	3-circuit track spotlight
Materials / components	Aluminium heat dissipater - Body made of steel - Tempered glass facing - Polished aluminium multi-facet reflector
Colours	White or black (grey in option)
Driver	INCLUDED: Standard (brand Tridonic)
Electrical input characteristics	220-240 VAC / 0,20A / 50-60 Hz
Power factor	> 0,9
Type of LED	Citizen COB LED latest generation
MacAdam ellipse	< 3 SDCM
Operating life	L80B50 = 50 000h (Ta = 25°C)
Operating temperature	-20°C / +35°C

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WHITE	BLACK
42 W CRI 90	3630 lm	40 W	91 lm/W	3000 K	34°	A5036508WHG	A5036508BKG
	3690 lm		92 lm/W	4000 K		A5036511WHG	A5036511BKG
	3630 lm		91 lm/W	3000 K	60°	A5036507WHG	A5036507BKG
	3690 lm		92 lm/W	4000 K		A5036510WHG	A5036510BKG

Angle 18° available on request. If required to optimise the output luminosity, a CRI80 product is available on request.
28W version available on request.



Unit: mm

Options	Specific colour LED Fruit & vegetables / Bakery / Butcher / Textile Dimmer system: DALI PB - Dimmable via a potentiometer from 0 to 100% Finish: Other RAL on request Ceiling fastening with brackets (not suitable for wall fastening)
Accessories (sold separately)	Light deflectors and adjustable light deflector cylinder Track: 3-circuit track / 3-circuit track + Bus / plastic bracket Low luminescence honeycomb grid



Light deflectors



Adjustable light deflector cylinder



3-circuit track / 3-circuit track + Bus / Plastic bracket



Honeycomb grid



1/1 scale photo



NANO'R RANGE



The NANO'R is a «nano-projector» with variable focal point. Fastened to its base or mounted on a post, it may be used to highlight works of art, jewellery or other objects in a display case or on shelves. Of a very discrete size, it has an adjustable focal point for an angle from 24° to 84°, for very accurate highlighting while preserving a perfectly homogeneous light. It is supplied via a rapid connector to the remote LED driver, to which up to 6 NANO'R may be connected.

APPLICATIONS

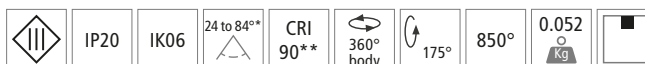
Display cases for works of art, jewellery, ...



Musée de l'Homme, Paris (France)



NANO'R - 1W & 2W - Mini LED spotlight - Spotlight



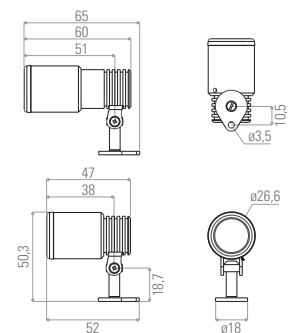
* Adjustable zoom from 24° to 84° (or from 20° to 60° at 50% of the luminous flux)

** CRI 90 in 3000 K and in 4000 K

Materials / components	Aluminium - Black or Grey anodizing
Driver	NOT INCLUDED: Remote power supply, to be ordered separately, standard or dimmable
Electrical input characteristics	Voltage in 220 to 240 V, AC 50-60 Hz Output current 350 mA for 1W version or 700 mA for 2W version
Power factor	> 0,5
MacAdam ellipse	< 3 SDCM
Operating life	L80B10 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +40°C
Installation	Fastening rod Other option available on request

VERSION	POWER CONSUMPTION (WITH DRIVER)	CCT	COLOUR	CODE
1 W - CRI 90	1 W	3000 K	Black	NRW1WBK
			Grey	NRW1WGR
		4000 K	Black	NRN1WBK
			Grey	NRN1WGR
2 W - CRI 90	2 W	3000 K	Black	NRW2WBK
			Grey	NRW2WGR
		4000 K	Black	NRN2WBK
			Grey	NRN2WGR

Options	Bluetooth controlled by iPhone, computer or dimmable bluetooth power switch ENOCEAN Standard or dimmable LED driver Electric connector Other colours available on request
Accessories (sold separately)	Standard driver PHDANST Dimmable driver with potentiometer PHDANPOT



Unit: mm



FOCUS RANGE



The FOCUS is a LED spotlight with variable focal point and incorporated rotary light deflectors. The lens angle is adjusted from 8° to 100° by moving the nose of the lamp. This spotlight may therefore be used in a large number of configurations. The LED lamps used are selected for their very precise colour rendering (CRI95) and the potentiometer present in the product enables very accurate modification of the light intensity.

APPLICATIONS

Lighting of works of art, 3D (statues, sculptures,...) or wall mounted (paintings, photographs,...)



Exhibition «Treasures of the Earth» - MNHN, Paris (France) ©Augustin de Valence, Scenic artist: MAW



FOCUS - 21W - LED spotlight - Spotlight



* Adjustable zoom from 8° to 100°

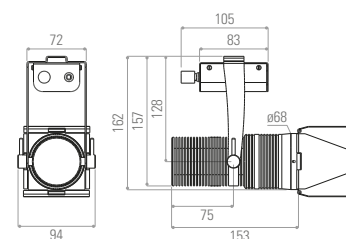
** CRI 95 in 3000 K and in 4000 K (R9 > 90)

Materials / components	Aluminium - Black or Grey anodizing - Rotary barn doors
Driver	INCLUDED: Dimmable by manual potentiometer
Electrical input characteristics	220-240 VAC / 0,10A / 50-60 Hz (21W)
Power factor	> 0,9
MacAdam ellipse	< 3 SDCM
Operating life	L80B10 = 50 000h (Ta = 25°C)
Operating temperature	-20°C / +40°C
Installation	Single circuit track adaptor 3-circuit track adaptor Backplate Other options available on request (clamp, ...)

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	CCT	COLOUR	CODE
21 W - CRI 95	2383 lm to 2420 lm	21 W	3000 K	Black	FOW21WBK
				Grey	FOW21WGR
			4000 K	Black	FON21WBK
				Grey	FON21WGR

FOCUS+ 35W version available on request

Options	External LED driver DALI LED driver DMX LED driver Bluetooth controlled by iPhone, computer or dimmable bluetooth power switch ENOCEAN Filter holder Honeycomb filter Other colours available on request (except under the sliding focal)
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Unit: mm



FENYX RANGE



The FENYX is a framing projector with all options necessary for museography and lighting of paintings, photos, collages... The LED lamps used are selected for their very precise colour rendering (CRI95). Its blades are used to cut the light to the exact shape of the object to be illuminated, its 2 adjustable lenses enable adjustment of the angle (16 to 40°) and the zoom is used to control the sharpness. Finally, the potentiometer enables very accurate modification of the light intensity required to illuminate the work of art.

APPLICATIONS

Lighting of wall-mounted works of art (paintings, photographs, tapestries, sketches...) with the possibility to highlight them.



The French Cinematheque, Paris (France)



FENYX - 25W - LED framing projector



* Adjustable zoom from 16° to 40° - 360° rotary focal

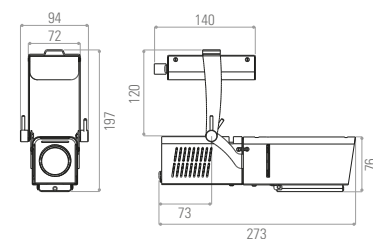
** CRI 95 in 3000 K and in 4000 K (R9 > 90)

Materials / components	Steel - Powder painted Black, White or Grey - other colors on request - 3 anti-reflective and anti-static lenses, including 2 ones adjustable by control knob - 4 shutters - Integrated filter holder - Integrated Gobo holder (gobo dimensions ø 37 mm / 1,2 mm thick max - ø for picture 24mm max)
Driver	INCLUDED: Dimmable by manual potentiometer
Electrical input characteristics	220-240 VAC / 0,12 A / 50-60 Hz (25W)
Power factor	> 0,9
MacAdam ellipse	< 3 SDCM
Operating life	L80B10 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +40°C
Installation	Single circuit track adaptor 3-circuit track adaptor Backplate Other options available on request (clamp, ...)

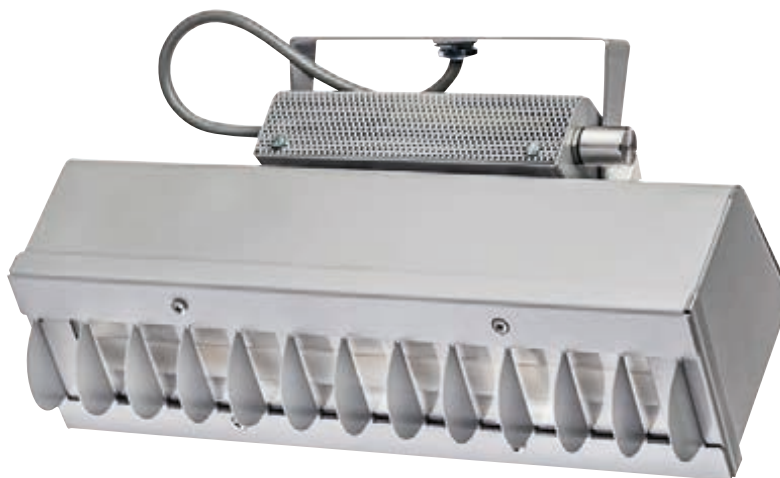
VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	CCT	COLOUR	CODE
25 W - CRI 95	2464 lm to 2567 lm	25 W	3000 K	Black	FEW25WBK
				Grey	FEW25WGR
				White	FEW25WWH
			4000 K	Black	FEN25WBK
				Grey	FEN25WGR
				White	FEN25WWH

Versions FENYX+ 35W, FENYX «wide angle» and FENYX Tunable White available on request.

Options	External LED driver DALI LED driver DMX LED driver Bluetooth controlled by iPhone, computer or dimmable bluetooth power switch ENOCEAN Other colours available on request
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Unit: mm



ASYLUX RANGE



ASYLUX is an asymmetric spotlight which projects a homogeneous light along the entire height of a wall. The incorporated potentiometer is used for precise adjustment of the level of lighting required.

APPLICATIONS

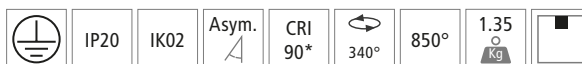
Lighting of wall-mounted works of art (paintings, photographs, tapestries, sketches...)



Saint Vincent de Paul church, Paris (France)



ASYLUX - 28W - LED asymmetric projector - Atmosphere light fixture



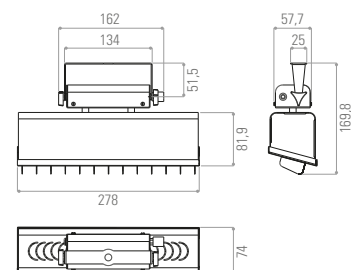
* CRI 90 in 3000 K and in 4000 K



Materials / components	Steel - Powder painted - Black, White or Grey (other colours on request)
Characteristic	Asymmetric
Driver	INCLUDED: Dimmable by manual potentiometer
Electrical input characteristics	220-240 VAC / 0,15 A / 50-60 Hz (30W)
Power factor	> 0,9
MacAdam ellipse	< 3 SDCM
Operating life	L80B10 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +40°C
Installation	Single circuit track adaptor 3-circuit track adaptor Backplate Other options available on request (clamp, ...)

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	CCT	COLOUR	CODE
28 W - CRI 90	2880 lm to 3200 lm	28,5 W	3000 K	Black	ASW20WBK
				Grey	ASW20WGR
				White	ASW20WWH
			4000 K	Black	ASN20WBK
				Grey	ASN20WGR
				White	ASN20WWH

Options	External LED driver DALI LED driver DMX LED driver Bluetooth controlled by iPhone, computer or dimmable bluetooth power switch ENOCEAN Other colours available on request
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Unit: mm



TETYS RANGE



Lighting fixture
and driver

MINI LED SPOTLIGHT CONCEPT

Mini LED spotlight mounted on track (bracket upon request), with very high light emission quality, for wide angles (66°, 44°) as for small (10°, 25°).

MATERIAL

99,5% pure black anodised aluminium Pin Block moulded heat sink. Perforated steel and aluminium painted body.

OPTIC

High-power COB LED in Warm White (2700K and 3000K) or Neutral White (4000K), CRI 80, 90 or 97. High efficiency faceted satin aluminium reflector. Silicon lens for 10° and 25°.

INSTALLATION

Installation on a 3-circuit track system with Global connector, bracket upon request.

POWER SUPPLY

Standard driver incorporated into an external box, with potentiometer for 10° and 25° versions.

APPLICATIONS

Highlighting of products, Accentuation lighting, Displays, Stages, ...



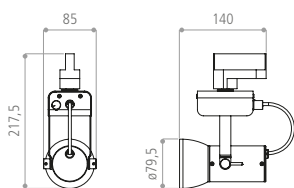
Musée des Beaux Arts, Bruxelles (Belgium)



TETYS - 15W - Mini LED spotlight



Materials / components	99,5% pure black anodised aluminium Pin Block moulded heat sink - Perforated steel and aluminium painted body - High efficiency faceted satin aluminium reflector or moulded silicon lens
Colours	Black or white body Other colours and specific RAL on request, please contact us
Characteristics	Different optical heads: reflector options of 44° or 66° Silicon lens 10° or 25°
Driver	INCLUDED: Standard (dimnable by manual potentiometer for 10° and 25° versions)
Electrical input characteristics	220-240 VAC / 0,12 A / 50-60 Hz
Power factor	> 0,9
Type of LED	High-power COB LED
MacAdam ellipse	< 3 SDCM
Operating life	L80B10 = 80 000 h (Ta = 25°C)
Operating temperature	-20°C / +40°C



Unit: mm



Different optical heads: reflector options of 44° or 66°
Silicon lens 10° or 25°



Variation by manual potentiometer for 10° and 25° versions
(on request for 44° and 66° versions)

PRESENTATION OF THE PRODUCT RANGE:

This range has been designed to answer the needs of different lighting projects.

Possibility to choose the colours, CRI (Colour Rendering Index) and beam angle. The product list below is not exhaustive. Contact us to design the right product for you.

SELECT YOUR PRODUCT:

LUMINOSITY	POWER	CCT	OPTICAL DISTRIBUTION	CRI (mini)	DRIVER
from 920 lm to 1545 lm	15W	Warm 2700K* 3000K 4000K 5000K (CRI80 only)* Cold 6500K (CRI80 only)*	10° or 25° or 44° or 66°	80 or 90 or 97*	Standard or DALI*

* on request, components not on stock

A FEW EXAMPLES:

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	CRI	COLOUR	CODE
15 W - CRI 90	1170 lm	14,1 W	83 lm/W	2700 K	44°	90	White	T1001ST
	1260 lm		89 lm/W	4000 K				T1002ST
	1240 lm		88 lm/W	3000 K				T1003ST
15 W - CRI 80	1545 lm		110 lm/W	4000 K	66°	80		T1004ST
15 W - CRI 90	920 lm		65 lm/W	3000 K	10°	90		T1272ST
	1000 lm		70 lm/W	2700 K	25°			T1269ST



LINEO RANGE



LINEO ON RAIL

DISCRETE AND EFFICIENT LED LINE

LINEO LED is a LED line designed to be fitted on a 3-circuit track. It offers excellent lighting quality (up to 140lm/W) for such an integrated product (5cm on each side). The range comprises:

- 2 lengths (1120mm and 1686mm)
- 2 LED colours (3000K and 4000K)
- 4 different lenses (60°, 90°, Asymmetric, Double Asymmetric)

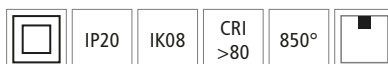
APPLICATIONS

Galleries, Shops, Displays, Supermarkets, ...





LINEO on rail - 48W & 60W

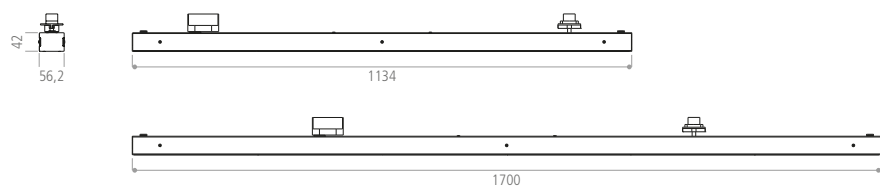
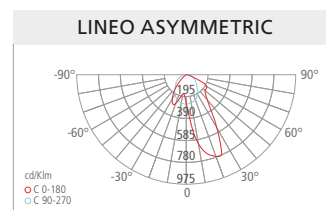
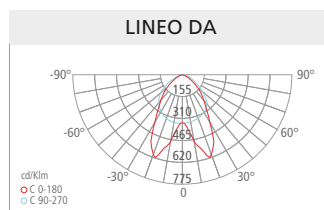
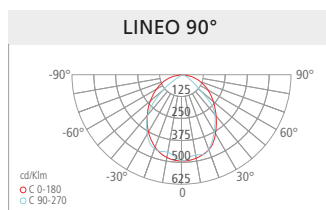
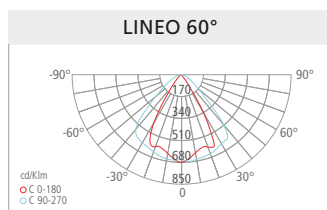


Materials / components	Body made of aluminium sheet painted with fine-texture paint - Lens made of extruded PMMA
Colours	White body RAL 9016 Other colours on request
Driver	INCLUDED: Standard, incorporated into the product body
Electrical input characteristics	220-240 VAC / 0,23 A / 50-60 Hz (48W) 220-240 VAC / 0,29 A / 50-60 Hz (60W)
Power factor	> 0,9
MacAdam ellipse	< 3 SDCM
Operating life	L70B10 = 50 000 h (Ta = 25°C)
Operating temperature	-25°C / +35°C



VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	WEIGHT	CCT	ANGLE 60°	ANGLE 90°	ANGLE DA*	ANGLE ASYMMETRIC
48 W 1120 mm	6300 lm	48 W	131 lm/W	3 Kg	3000 K	LNR4811W60.WST	LNR4811W90.WST	LNR4811WDY.WST	LNR4811WSY.WST
	6500 lm		135 lm/W		4000 K	LNR4811N60.WST	LNR4811N90.WST	LNR4811NDY.WST	LNR4811NSY.WST
60 W 1680 mm	8200 lm	60 W	137 lm/W	4,5 Kg	3000 K	LNR6016W60.WST	LNR6016W90.WST	LNR6016WDY.WST	LNR6016WSY.WST
	8500 lm		142 lm/W		4000 K	LNR6016N60.WST	LNR6016N90.WST	LNR6016NDY.WST	LNR6016NSY.WST

* DA = Double Asymmetric



Unit: mm



SHOP PANEL RANGE



A high-power, rail-mounted lighting element, the SHOP PANEL is particularly suitable for commercial zones. Its luminosity is equivalent to that of two spotlights of 4000 lm, with 4 distributions possible (spot, medium, large and double asymmetric). It provides a shower of light over the zone to be highlighted and ensures adequate lighting in the aisles of a supermarket with a double asymmetric lens.

APPLICATIONS

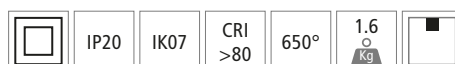
Galleries, Shops, Displays, Supermarkets, ...





SHOP PANEL - 63W

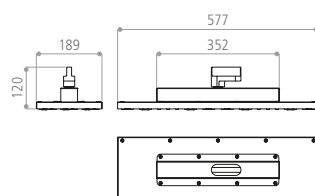
Spot / Medium / Large / Double Asymmetric



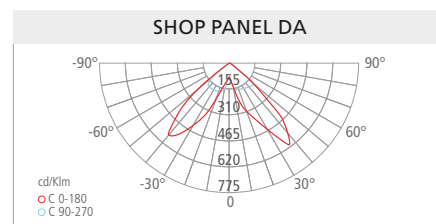
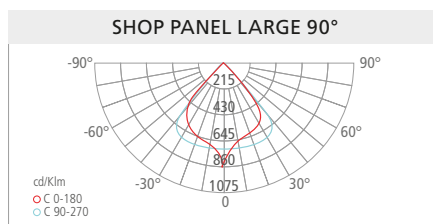
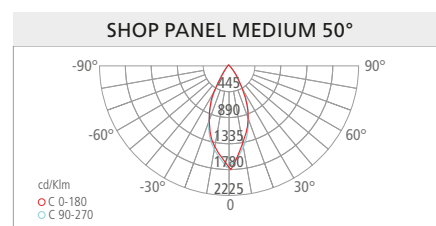
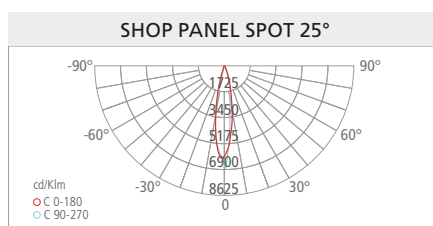
Materials / components	Body made of sheet steel - Lens made of PMMA or PC
Colours	White or black
Driver	INCLUDED: Standard, incorporated into the product body
Electrical input characteristics	220-240 VAC / 0,23 A / 50-60 Hz
Power factor	> 0,9
MacAdam ellipse	< 3 SDCM
Operating life	L70B10 = 50 000 h (Ta = 25°C)
Operating temperature	-25°C / +35°C

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WHITE	BLACK
63 W Spot	7400 lm	63 W	117 lm/W	3000 K	25°	SHP63W25.WST	SHP63W25.ST
	7800 lm		124 lm/W	4000 K		SHP63N25.WST	SHP63N25.ST
63 W Medium	7450 lm		118 lm/W	3000 K	50°	SHP63W50.WST	SHP63W50.ST
	7900 lm		135 lm/W	4000 K		SHP63N50.WST	SHP63N50.ST
63 W Large	7500 lm		119 lm/W	3000 K	90°	SHP63W90.WST	SHP63W90.ST
	8000 lm		126 lm/W	4000 K		SHP63N90.WST	SHP63N90.ST
63 W DA*	7500 lm		119 lm/W	3000 K	DA*	SHP63WDASY.WST	SHP63WDASY.ST
	8000 lm		126 lm/W	4000 K		SHP63NDASY.WST	SHP63NDASY.ST

* DA = Double Asymmetric



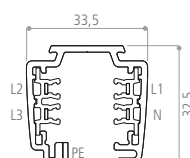
Unit: mm



RAIL-MOUNTED SPOTLIGHT ACCESSORIES

to be ordered separately

3-CIRCUIT TRACK



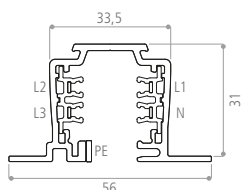
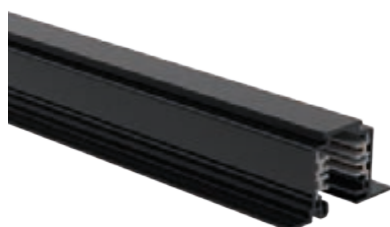
Unit: mm



Materials / components	Extruded aluminium rail frame - Insulated profile rails inside the plastic frame - Phase and neutral conductors made of 2.5 mm ² rectangular copper - Self-extinguishing polycarbonate and steel accessories, class V0
Characteristics	Rail pre-drilled for installation by screwing directly into the ceiling
Electrical input characteristics	250-400 VAC / 16 A / 50 Hz

NAME	TYPE	COLOUR	LENGTH	CODE
3-circuit track Surface-mounted & Suspension	T32W	White RAL 9010	2 m	1459102
	T33W		3 m	1459103
	T32B	Black RAL 9005	2 m	1459302
	T33B		3 m	1459303

Rail Grey RAL 7040 on request
Rail DALI on request



Unit: mm

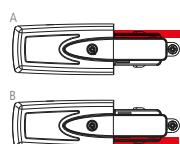


Materials / components	Extruded aluminium rail frame - Insulated profile rails inside the plastic frame - Phase and neutral conductors made of 2.5 mm ² rectangular copper - Self-extinguishing polycarbonate and steel accessories, class V0
Electrical input characteristics	250-400 VAC / 16 A / 50 Hz

NAME	TYPE	COLOUR	LENGTH	CODE
3-circuit track Recessed	T32FW	White RAL 9010	2 m	1459112
	T33FW		3 m	1459113
	T32FB	Black RAL 9005	2 m	1459312
	T33FB		3 m	1459313

Rail Grey RAL 7040 on request
Rail DALI on request

ACCESSORIES



NAME	TYPE	COLOUR	CODE
Short jointing unit	JU3	White RAL 9010 (includes black or grey cover)	1459199

NAME	TYPE	COLOUR	CODE
Power supply	CU3AW (A)	White RAL 9010	1459121
	CU3BW (B)		1459122
	CU3AB (A)	Black RAL 9005	1459321
	CU3BB (B)		1459322

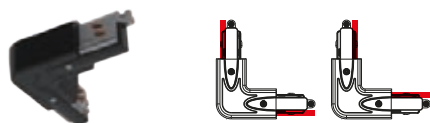
Select the earthing option (A or B)
Grey accessories on request



NAME	TYPE	COLOUR	CODE
Long jointing unit	MCU3W	White RAL 9010	1459131
	MCU3B	Black RAL 9005	1459331

Grey accessories on request

RAIL-MOUNTED SPOTLIGHTS



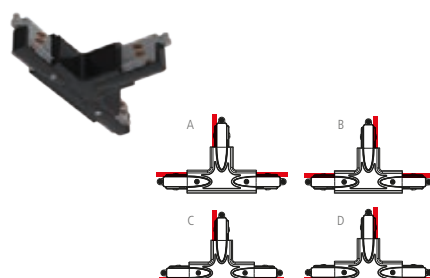
NAME	TYPE	COLOUR	CODE
L-corner	LC3W	White RAL 9010	1459141
	LC3B	Black RAL 9005	1459341

Grey accessories on request



NAME	TYPE	COLOUR	CODE
Adjustable corner piece 0-120°	ALC3W	White RAL 9010	1459151
	ALC3B	Black RAL 9005	1459351

Grey accessories on request



NAME	TYPE	COLOUR	CODE
T-piece	TA3AW (A)	White RAL 9010	1459161
	TA3BW (B)		1459162
	TA3CW (C)		1459163
	TA3DW (D)		1459164
	TA3AB (A)	Black RAL 9005	1459361
	TA3BB (B)		1459362
	TA3CB (C)		1459363
	TA3DB (D)		1459364

Select the earthing option (A, B, C or D)
Grey accessories on request



NAME	TYPE	COLOUR	CODE
X-piece	XA3W	White RAL 9010	1459171
	XA3B	Black RAL 9005	1459371

Grey accessories on request



NAME	TYPE	COLOUR	CODE
End cap	EC3W	White RAL 9010	1459181
	EC3B	Black RAL 9005	1459381

Grey accessories on request



NAME	TYPE	COLOUR	CODE
Suspension bracket	PB W	White RAL 9010	1459407
	PB B	Black RAL 9005	1459409

Grey accessories on request



NAME	TYPE	COLOUR	CODE
Stiffener*	PC W	White RAL 9010	1459431
	PC B	Black RAL 9005	1459433

Grey accessories on request
* to be used with each short union



NAME	TYPE	LENGTH	CODE
Suspension wires kit (unit)	WS15	1,5 m - Adjustable	1459410
	WS40	4 m - Adjustable	1459411
	WS60	6 m - Adjustable	1459412
	WS40H - With hook	4 m - Adjustable	1459414

LED

Spots





POWERLIGHT KIT RANGE



PREASSEMBLED SITE KIT

ENHANCED PERFORMANCE AND COMFORT

High-efficiency module (95 lm/W) and higher light emission than traditional halogen sources

Low luminance lens for excellent visual comfort

Use of a latest generation Bridgelux COB

INCREASED PROFITABILITY

80% energy saving in relation to halogen sources

Long operating life (50,000 h) to optimise maintenance

New technology for heat dissipation (only 42 mm in height)

CUSTOM KIT PRE-ASSEMBLED

Different options to meet the needs of all types of applications (colour T°, angle, colour of collar)

A pre-wired solution for fast installation

Standard Tridonic driver pre-fitted

APPLICATIONS

Offices, Shops, Education, ...



Corp, Barcelona (Spain)



KIT POWERLIGHT COB - 10W



Materials / components	Extruded aluminium heat sink and collar in painted aluminium - Anodised aluminium reflector - Injection-moulded polycarbonate ring
Driver	INCLUDED: Standard remote driver
Electrical input characteristics	220-240 VAC / 0,05A / 50-60 Hz
Power factor	> 0,9
Type of LED	COB BRIDGELUX LED
MacAdam ellipse	< 3 SDCM
Maximum intensity	1680 cd (Neutral white)
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C



VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WHITE	GREY
IP20 swivel	930 lm	10 W	93 lm/W	3000 K	20°	P830NR1ST	P830NR2ST
	945 lm		95 lm/W	4000 K		P840NR1ST	P840NR2ST
	960 lm		96 lm/W	3000 K	40°	P830WR1ST	P830WR2ST
	970 lm		97 lm/W	4000 K		P840WR1ST	P840WR2ST
IP65 fixed	930 lm	10 W	93 lm/W	3000 K	20°	P830NR3ST	P830NR4ST
	945 lm		95 lm/W	4000 K		P840NR3ST	P840NR4ST
	960 lm		96 lm/W	3000 K	40°	P830WR3ST	P830WR4ST
	970 lm		97 lm/W	4000 K		P840WR3ST	P840WR4ST



Unit: mm

PRE-ASSEMBLED SITE KIT

SAVE TIME:
Quick ordering and fast installation

SAFETY & QUALITY:
No risk of error or loss on site

CREATE YOUR LIGHTING IN 3 STAGES



1 2 3

1

CHOOSE YOUR LED MODULE

CRI					BEAM ANGLE	
80	90				20°	40°
P8_ _ _	P9_ _ _				P_ _ _N	P_ _ _W

example of code = **P827W**
(= Powerlight COB CRI80 - 2700 K - 40°)

2

CHOOSE YOUR COLLAR

ROUND				SQUARE			
IP20 SWIVEL		IP65 FIXED		IP20 SWIVEL		IP65 FIXED	
R1	R2	R3	R4	S1	S2	S3	S4

example of code = **P827W** **R2**
(= Powerlight COB CRI80 - 2700 K - 40° - Round swivel collar IP20 aluminium grey)

3

CHOOSE YOUR DRIVER WITH ITS CONNECTORS

STANDARD DRIVER	STANDARD DRIVER	DIMMABLE DRIVER 1-10V OR DALI*
WITH SECONDARY CONNECTED	WITH SECONDARY CONNECTED AND PRIMARY 20 CM + WAGO CONNECTORS	TO BE ORDERED SEPARATELY
ST	ST020	(fin de code)

example of code = **P827W** **R2** **ST**
(= Powerlight COB CRI80 - 2700 K - 40° - Round swivel collar IP20 aluminium grey - Standard driver connected)

FINAL CODE =

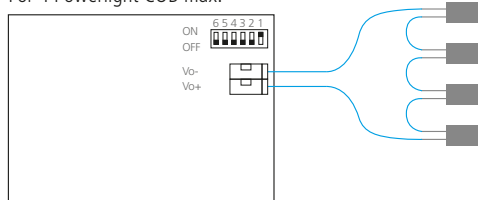
P827W **R2** **ST**
Powerlight COB Collar Driver



Intrion, Huizingen (Belgium)

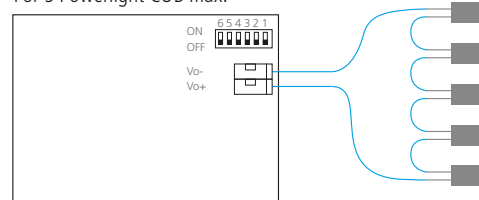
***** **FOR AN INSTALLATION WITH DIMMABLE DRIVER 1-10 V OR DALI**
to be ordered separately

For 4 Powerlight COB max.



Dimmable driver: LCM-40
DALI driver: LCM-40DA

For 5 Powerlight COB max.



Dimmable driver: LCM-60
DALI driver: LCM-60DA

— Cables provided
— Cables NOT provided

COLLARS

sources to be ordered separately



B1 - ECO SWIVEL COLLAR

COLOUR	COMPATIBILITY	IP	WEIGHT	DIMENSIONS	RECESSED	CODE
White	Powerlight COB GU10 (socket not provided)	20	60 g	h.20 / ø85 mm	ø72 mm	CBR075ECO



B2 - FIXED COLLAR

COLOUR	COMPATIBILITY	IP	WEIGHT	DIMENSIONS	RECESSED	CODE
Brushed aluminium	Powerlight COB GU10 (socket not provided)	20	55 g	h.24 / ø78,5 mm	ø55 mm	CARF055
White						CBRF055



B3 - SWIVEL COLLAR

COLOUR	COMPATIBILITY	IP	WEIGHT	DIMENSIONS	RECESSED	CODE
Brushed aluminium	Powerlight COB GU10 (socket not provided)	20	90 g	h.25 / ø86 mm	ø66 mm	CAR0071
White						CBR0071



B4 - IP65 FIXED COLLAR WITH SAND-BLASTED GLASS

COLOUR	COMPATIBILITY	IP	WEIGHT	DIMENSIONS	RECESSED	CODE
White	Powerlight COB GU10 (socket not provided)	65	150 g	h.20 / ø85 mm	ø68 mm	CBRF055IP65

SOURCES



GU10 - 7,5W / POWERLIGHT COB - 10W

TYPE	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CRI	ANGLE	LIFETIME	DRIVER	CODE
GU10	560 lm	7,5 W	75 lm/W	3000 K	80	36°	25 000 h	Driver Dimmable Triac 230V incorporated	CI3822113
	600 lm		80 lm/W	4000 K					CI3822114
Powerlight COB	930 lm	10 W	93 lm/W	3000 K	80	20°	50 000 h	Standard, dimmable or DALI*	P830N.2
	945 lm		95 lm/W	4000 K					P840N.2
	960 lm		96 lm/W	3000 K		P830W.2			
	970 lm		97 lm/W	4000 K		40°			P840W.2

2700K version on request for GU10 spot and Powerlight COB
* to be ordered separately

Drivers (sold separately)

Driver for Powerlight COB : Standard 10W **LC10W500** - Dimmable (phase isolation and 1-10V) 10W
LCB10W500 - DALI and Push button 40W (up to 4 products per driver) **LCM-40DA**



COLLARS

sources to be ordered separately



RONDOR - Swivel

COLOUR	COMPATIBILITY	IP	WEIGHT	DIMENSIONS	RECESSED	CODE
Brushed aluminium	Powerlight COB GU10 (socket provided)	20	150 g	h.25 / ø92 mm	ø80 mm	PM3010GU
White						PM4210GU
Black						PM5210GU



KAROR - Swivel

COLOUR	COMPATIBILITY	IP	WEIGHT	DIMENSIONS	RECESSED	CODE
Brushed aluminium	Powerlight COB GU10 (socket provided)	20	170 g	h.25 / L.94 / L.94 mm	ø80 mm	PM3011GU
White						PM4211GU
Black						PM5211GU



RONDOR - Swivel, low luminance

COLOUR	COMPATIBILITY	IP	WEIGHT	DIMENSIONS	RECESSED	CODE
Brushed aluminium	Powerlight COB GU10 (socket provided)	20	190 g	h.43 / ø93 mm	ø80 mm	PM8023GU
White						PM48041GU



KAROR - Swivel, low luminance

COLOUR	COMPATIBILITY	IP	WEIGHT	DIMENSIONS	RECESSED	CODE
Brushed aluminium	Powerlight COB GU10 (socket provided)	20	230 g	h.43 / L.95 / L.95 mm	ø80 mm	PM8030GU
White						PM8042GU



RONDOR KUP - Swivel

COLOUR	COMPATIBILITY	IP	WEIGHT	DIMENSIONS	RECESSED	CODE
Brushed aluminium	GU10 (socket provided)	20	350 g	h.97 / ø80 mm	-	PM8015.01
White						PM8017.01
Black						PM5017.01



KAROR KUP - Swivel

COLOUR	COMPATIBILITY	IP	WEIGHT	DIMENSIONS	RECESSED	CODE
Brushed aluminium	GU10 (socket provided)	20	730 g	h.97 / L.80 / L.80 mm	-	PM8016.01
White						PM8018.01
Black						PM5018.01

COLLARS

sources to be ordered separately



MOON - Fixed, low luminance

COLOUR	COMPATIBILITY	IP	WEIGHT	DIMENSIONS	RECESSED	CODE
White	Powerlight COB GU10 (socket provided)	20	120 g	h.45 / L.85 / l.85 mm	ø75 mm	KL50110.W.GU
Black						KL50110.BK.GU



OZONE - Swivel, low luminance

COLOUR	COMPATIBILITY	IP	WEIGHT	DIMENSIONS	RECESSED	CODE
White	Powerlight COB GU10 (socket provided)	20	120 g	h.57 / L.90 / l.90 mm	ø82 mm	KL50112.W.GU
Black						KL50112.BK.GU



DIP IP65 - Watertight, fixed, low luminance

COLOUR	COMPATIBILITY	IP	WEIGHT	DIMENSIONS	RECESSED	CODE
White	Powerlight COB GU10 (socket provided)	65	210 g	h.44 / L.86 / l.86 mm	ø73 mm	KL50113.W.GU
Black						KL50113.BK.GU



BASIT - Swivel, low luminance

COLOUR	COMPATIBILITY	IP	WEIGHT	DIMENSIONS	RECESSED	CODE
White	Powerlight COB GU10 (socket provided)	20	330 g	h.53 / L.90 / l.90 mm	78x78 mm	PM8013GU
Aluminium						PM8014GU
White frame and black background						PM8059GU

SOURCES



GU10 - 7,5W / POWERLIGHT COB - 10W

TYPE	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CRI	ANGLE	LIFETIME	DRIVER	CODE
GU10	560 lm	7,5 W	75 lm/W	3000 K	80	36°	25 000 h	Driver Dimmable Triac 230V incorporated	C13822113
	600 lm		80 lm/W	4000 K					C13822114
Powerlight COB	930 lm	10 W	93 lm/W	3000 K	80	20°	50 000 h	Standard, dimmable or DALI*	P830N.2
	945 lm		95 lm/W	4000 K					P840N.2
	960 lm		96 lm/W	3000 K					P830W.2
	970 lm		97 lm/W	4000 K		40°			P840W.2

2700K version on request for GU10 spot and Powerlight COB
* to be ordered separately

Drivers (sold separately)

Driver for Powerlight COB : Standard 10W **LC10W500** - Dimmable (phase isolation and 1-10V) 10W
LCB10W500 - DALI and Push button 40W (up to 4 products per driver) **LCM-40DA**







MYLUM SPOT RANGE



The MYLUM SPOT is a complete product offering an excellent performance/price ratio. The driver is incorporated and the spot is directional. It is perfect for the replacement of all your traditional lighting elements of the type MR16.

APPLICATIONS

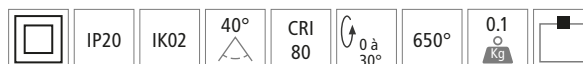
Offices, Shops, Education, ...



Can Fajol, Figueres (Spain)



MYLUM SPOT - SWIVEL - 6,5W



Materials / components	Body made of plastic charged with aluminium in order to guarantee adequate thermal conduction
Driver	INCLUDED: Standard, incorporated into the product body
Electrical input characteristics	220-240 VAC / 0,03 A / 50-60 Hz
Power factor	> 0,5
MacAdam ellipse	< 5 SDCM
Maximum intensity	600 cd
Operating life	L70B50 = 44 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C



Installation without tools: Push connectors and clip-on protection cover

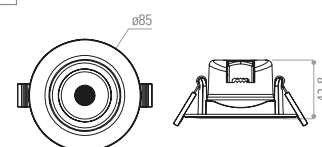


Orange cover for Warm White 3000K



Transparent cover for Neutral White 4000K

OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CODE
550 lm	6,5 W	84 lm/W	3000 K	MYSP6W
650 lm		100 lm/W	4000 K	MYSP6N



Unit: mm

LED

Downlights

LED Downlights





TEO EO45 RANGE



TEO EO45 is a flush-mounted, swivel element with a low luminance lens of 10°, 25° or 40°. It is ideal for discrete and aesthetic integration, for highlighting effects or for architectural illumination.

APPLICATIONS

Hotels, Shops, Reception areas, Showrooms, ...



Franck Namani, Geneva (Switzerland)



TEO EO45 - 5W - LED swivel recessed spotlight



* Beam angle 10° or 25° or 40° (to select)



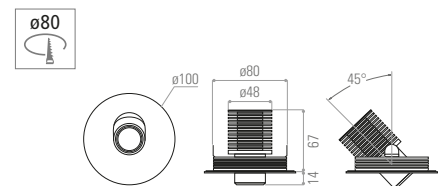
Materials / components	Aluminium / Steel - Powder painted - Black, White or Grey (other colours on request)
Driver	NOT INCLUDED, to be ordered separately
Electrical input characteristics	Voltage in 220 to 240 V, AC 50-60 Hz Output current 350 mA
MacAdam ellipse	< 3 SDCM
Operating life	L80B10 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C



TEO EF fixed version on request

VERSION	POWER CONSUMPTION (WITH DRIVER)	CCT	ANGLE	COLOUR	CODE
5 W - CRI 90	5 W	2800 K	10°	White	T45W5W10WH
			25°		T45W5W25WH
			40°		T45W5W40WH
5 W - CRI 80		4000 K	10°		T45N5W10WH
			25°		T45N5W25WH
			40°		T45N5W40WH

Options	Dimmable driver on request - DALI - DMX Bluetooth controlled by iPhone, computer or dimmable bluetooth power switch ENOCEAN
Accessories (sold separately)	Standard driver PHDTEOST Dimmable driver with potentiometer PHDTEOPOT



Unit: mm



OSCAR RANGE



The OSCAR flush-mounted spotlight combined 3 functions. The body may be positioned flush to the collar for traditional lighting, set back for low luminance and greater lighting comfort, or even inclined for asymmetric lighting. The position is adjusted and then blocked before installation, which ensures the same product may be used for various types of integration. Furthermore, the quality of the LED and aluminium reflector guarantees a luminosity of the highest degree.

APPLICATIONS

Hotels, Shops, Reception areas, Showrooms, ...



Joa Casino, Montrond-les-bains (France)



OSCAR - 10W - LED swivel recessed spotlight

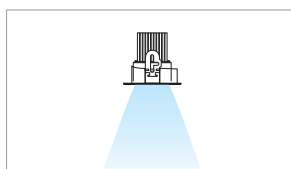


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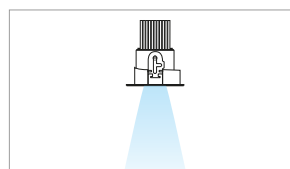
* Beam angle 17° or 29° or 40° (to select)

**CRI 95 in 3000 K and in 4000 K (R9 > 90)

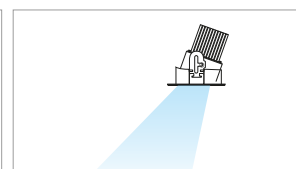
Materials / components	Aluminium / Steel - Powder painted - Black, White or Grey (other colours on request)
Driver	NOT INCLUDED, to be ordered separately
Electrical input characteristics	Voltage in 220 to 240 V, AC 50-60 Hz Output current 300 mA
MacAdam ellipse	< 3 SDCM
Operating life	L80B10 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C



Low luminance, general lighting,
UGR <19



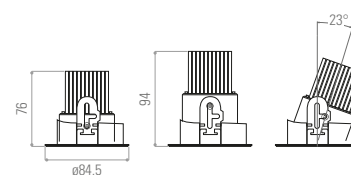
Very low luminance, comfortable UGR,
UGR <16



Asymmetrical, accent lighting

VERSION	POWER CONSUMPTION (WITH DRIVER)	CCT	ANGLE	COLOUR	CODE
10 W - CRI 95	10 W	3000 K	17°	White	SCW10W17WH
			29°		SCW10W29WH
			40°		SCW10W40WH
		4000 K	17°		SCN10W17WH
			29°		SCN10W29WH
			40°		SCN10W40WH

Options	Dimmable driver on request - DALI - DMX Bluetooth controlled by iPhone, computer or dimmable bluetooth power switch ENOCEAN
Accessories (sold separately)	Standard driver PHDOSCSCT Dimmable driver with potentiometer PHDOSCPOT



Unit: mm



ONYX RANGE



LOW LUMINANCE FIXED LED SMALL DOWNLIGHT

CONCEPT

Small size fixed recessed LED downlight (110 mm in diameter). It emits a homogeneous and comfortable light.

MATERIAL

Pure aluminium heat sink (99,5%) type black anodized PinBlock, fixed to a perforated steel plate body. Trim made of sheet steel and painted with a high-quality powder coating.

OPTIC

High-power COB LED in Warm White (2700K and 3000K) or Neutral White (4000K), CRI 80, 90 or 97. High efficiency faceted aluminium reflector. Optical compartment sealed with tempered glass.

INSTALLATION

Tool-free recessed mounting using spring system. Safety rope included.

POWER SUPPLY

Remote power supply delivered pre-wired with quick connectors ; Standard (+Ready2Mains) or DALI options.

APPLICATIONS

Hotels, Shops, Reception areas, Showrooms, ...

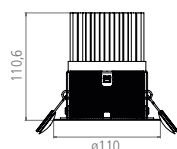


Restaurant Vapiano, Bordeaux (France) - ©EmmanuelleChoussy.com

LED DOWNLIGHTS



ONYX - 11W to 20W - Fixed LED small downlight - Low luminance



Unit: mm

Materials / components	Pure aluminium heat sink (99,5%) type black anodized PinBlock, fixed to a perforated steel plate body - Trim made of sheet steel and painted with a high-quality powder coating - High efficiency faceted aluminium reflector - Optical compartment sealed with tempered glass
Colours	Trim colours (fine texture paint): White RAL 9016 (Traffic white) Grey RAL 9006 (White aluminium) Black RAL 9005 (Jet black)
Characteristics	Trim: Customized sizes, shapes and RAL are available upon request, please contact us
Driver	INCLUDED: Standard or DALI as required (remote power supply)
Electrical input characteristics	220-240 VAC / 50-60 Hz
Power factor	> 0,9
Type of LED	High-power COB LED
MacAdam ellipse	< 3 SDCM
Operating life	L80B10 = 100 000 h* (Ta = 25°C) (*up to 15W)
Operating temperature	-20°C / +45°C

PRESENTATION OF THE PRODUCT RANGE:

This range has been designed to answer the needs of different lighting projects.

Possibility to choose the colours, CRI (Colour Rendering Index), luminous flux and beam angle. The product list below is not exhaustive. Contact us to design the right product for you.

SELECT YOUR PRODUCT:

LUMINOSITY	POWER	CCT	OPTICAL DISTRIBUTION	CRI (mini)	DRIVER
from 900 lm 1510 lm to 2050 lm	from 11 W 15 W to 20 W	Warm 2700K* 3000K 4000K 5000K (CRI80 only)* 6500K (CRI80 only)* Cold	44° clear or 66° clear or 66° opal*	80 or 90 or 97*	Standard or DALI

* on request

A FEW EXAMPLES:

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	CRI	COLOUR	DRIVER	CODE
11 W	1130 lm	10,5 W	108 lm/W	4000 K	44° clear	80	White	Standard	N1018ST
								DALI	N1018DA
	900 lm	14,1 W	86 lm/W	3000 K	66° clear	90	Black	Standard	N1042ST
								DALI	N1042DA
15 W	1510 lm	14,1 W	107 lm/W	4000 K	44° clear	80	Black	Standard	N1027ST
								DALI	N1027DA
	1210 lm	20 W	86 lm/W	3000 K	44° clear	90	Grey	Standard	N1039ST
								DALI	N1039DA
20 W	2050 lm	20 W	103 lm/W	4000 K	66° clear	80	Grey	Standard	N1346ST
								DALI	N1346DA





ORES RANGE



LOW LUMINANCE FIXED LED DOWNLIGHT

CONCEPT

Fixed recessed LED downlight. Recessed reflector and light source for low luminance. Design inspired by the lighting fixture used for the first high-speed LiFi experiment.

MATERIAL

Pure aluminium heat sink (99,5%) type black anodized PinBlock, fixed to a perforated steel plate body. Trim made of sheet steel and painted with a high-quality powder coating.

OPTIC

High-power COB LED in Warm White (2700K and 3000K) or Neutral White (4000K), CRI 80, 90 or 97. High efficiency faceted aluminium reflector. Optical compartment sealed with tempered glass.

INSTALLATION

Tool-free recessed mounting using spring system. Safety rope included.

POWER SUPPLY

Remote power supply delivered pre-wired with quick connectors ; Standard (+Ready2Mains) or DALI options.

APPLICATIONS

Hotels, Shops, Reception areas, Showrooms, ...

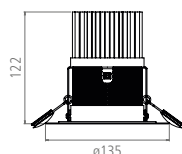


Joa Casino, Montrond-les-bains (France)

LED DOWNLIGHTS



ORES - 11W to 26W - Fixed LED downlight - Low luminance



Unit: mm

Materials / components	Pure aluminium heat sink (99,5%) type black anodized PinBlock, fixed to a perforated steel plate body - Trim made of sheet steel and painted with a high-quality powder coating - High efficiency faceted aluminium reflector - Optical compartment sealed with tempered glass
Colours	Trim colours (fine texture paint): White RAL 9016 (Traffic white) Grey RAL 9006 (White aluminium) Black RAL 9005 (Jet black)
Characteristics	Trim: Customized sizes, shapes and RAL are available upon request, please contact us
Driver	INCLUDED: Standard or DALI as required (remote power supply)
Electrical input characteristics	220-240 VAC / 50-60 Hz
Power factor	> 0,9
Type of LED	High-power COB LED
MacAdam ellipse	< 3 SDCM
Operating life	L80B10 = 100 000 h* (Ta = 25°C) (*up to 20W)
Operating temperature	-20°C / +45°C

PRESENTATION OF THE PRODUCT RANGE:

This range has been designed to answer the needs of different lighting projects.

Possibility to choose the colours, CRI (Colour Rendering Index), luminous flux and beam angle. The product list below is not exhaustive. Contact us to design the right product for you.

SELECT YOUR PRODUCT:

LUMINOSITY	POWER	CCT	OPTICAL DISTRIBUTION	CRI (mini)	DRIVER
from 870 lm 1390 lm 2020 lm to 2700 lm	from 11 W 15 W 20 W to 26 W	Warm 2700 K* 3000 K 4000 K 5000 K (CRI80 only)* Cold 6500 K (CRI80 only)*	44° clear or 66° clear or 66° opal*	80 or 90 or 97*	Standard or DALI

* on request

A FEW EXAMPLES:

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	CRI	COLOUR	DRIVER	CODE
11 W	870 lm	10,5 W	83 lm/W	3000 K	44° clear	90	Black	Standard	R1051ST
								DALI	R1051DA
	1080 lm		103 lm/W					Standard	R1017ST
								DALI	R1017DA
15 W	1470 lm	14,1 W	104 lm/W	4000 K	66° clear	80	White	Standard	R1021ST
								DALI	R1021DA
20 W	2020 lm	20 W	101 lm/W					Standard	R1025ST
								DALI	R1025DA
26 W	2160 lm	26,3 W	82 lm/W	3000 K	44° clear	90	Grey	Standard	R1751ST
							DALI	R1751DA	
								Standard	R1029ST
	2700 lm		103 lm/W	4000 K	66° clear	80	White	DALI	R1029DA





HELIO RANGE



LOW LUMINANCE ADJUSTABLE LED DOWNLIGHT

CONCEPT

LED recessed lighting fixture adjustable in 3 positions : low luminance, very low luminance and asymmetrical.

MATERIAL

Aluminium body and 99,5% pure black anodised aluminium Pin Block moulded heat sink.
Trim made of sheet steel and painted with a high-quality powder coating.

OPTIC

High-power COB LED in Warm White (2700K and 3000K) or Neutral White (4000K), CRI 80, 90 or 97.
High efficiency faceted satin aluminium reflector. Optical compartment sealed with tempered glass.

INSTALLATION

Simple adjustment method with a locking key, and tool-free recessed mounting using spring system.
Safety rope included.

POWER SUPPLY

Remote power supply delivered pre-wired with quick connectors ; Standard (+Ready2Mains) or DALI options.

APPLICATIONS

Hotels, Shops, Reception areas, Showrooms, ...



ORoMecanica, Casablanca (Morocco)

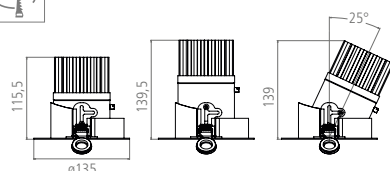
LED DOWNLIGHTS



HELIO - 11W to 26W - Adjustable LED downlight - Low luminance



Materials / components	Aluminium body and 99,5% pure black anodised aluminium Pin Block moulded heat sink - Trim made of sheet steel and painted with a high-quality powder coating - High efficiency faceted satin aluminium reflector - Optical compartment sealed with tempered glass
Colours	Trim colours (fine texture paint): White RAL 9016 (Traffic white) Grey RAL 9006 (White aluminium) Black RAL 9005 (Jet black)
Characteristics	Trim: Customized sizes, shapes and RAL are available upon request, please contact us Magnetic trim with RAL colour upon request, please contact us
Driver	INCLUDED: Standard or DALI as required (remote power supply)
Electrical input characteristics	220-240 VAC / 50-60 Hz
Power factor	> 0,9
Type of LED	High-power COB LED
MacAdam ellipse	< 3 SDCM
Operating life	L80B10 = 100 000 h* (Ta = 25°C) (*up to 20W)
Operating temperature	-20°C / +45°C



Unit: mm



Low luminance, general lighting,
UGR <19



Very low luminance, comfortable UGR,
UGR <16



Asymmetrical, accent lighting

PRESENTATION OF THE PRODUCT RANGE:

This range has been designed to answer the needs of different lighting projects.

Possibility to choose the colours, CRI (Colour Rendering Index), luminous flux and beam angle. The product list below is not exhaustive. Contact us to design the right product for you.

SELECT YOUR PRODUCT:

LUMINOSITY	POWER	CCT	OPTICAL DISTRIBUTION	CRI (mini)	DRIVER
from 1015 lm	from 11 W	Warm	44° clear	80	Standard or DALI
1725 lm	15 W	3000 K	or	or	
2360 lm	20 W	4000 K	66° clear	90	
to 2940 lm	to 26 W	5000 K (CRI80 only)*	or	or	
		Cold 6500 K (CRI80 only)*	66° opal*	97*	

* on request

A FEW EXAMPLES:

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	CRI	COLOUR	DRIVER	CODE
11 W	1015 lm	10,5 W	97 lm/W	3000 K	44° clear	90	White	Standard	H1024ST
								DALI	H1024DA
15 W	1725 lm	14,1 W	122 lm/W	4000 K	66° clear	80	White	Standard	H1010ST
								DALI	H1010DA
20 W	1840 lm	20 W	92 lm/W	3000 K	66° opal	90	Black	Standard	H1045ST
								DALI	H1045DA
	2360 lm	20 W	118 lm/W	4000 K	44° clear	80	White	Standard	H1004ST
								DALI	H1004DA
26 W	2360 lm	26,3 W	90 lm/W	3000 K	66° clear	90	White	Standard	H1038ST
								DALI	H1038DA
	2940 lm	26,3 W	112 lm/W	4000 K	44° clear	80	White	Standard	H1014ST
								DALI	H1014DA



HOEDIC RANGE



HOEDIC is a range of round or square, flush-mounted lights with a single, double or triple head. Each head is mounted on a double disk to enable swivelling of the lighting in all directions. With various power ratings and angles available, the HOEDIC range provides a complete and discrete response to your accentuation lighting projects.

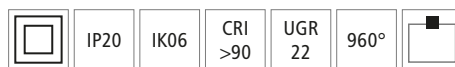
APPLICATIONS

Galleries, Shops, Displays, ...



Comptoir Boulanger, Wasquehal (France)

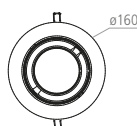
LED DOWNLIGHTS



Materials / components	Aluminium heat dissipater - Body made of steel - Tempered glass facing - Polished aluminium multi-facet reflector
Colours	White or black (grey in option)
Driver	INCLUDED: Standard (remote power supply)
Electrical input characteristics	220-240 VAC / 50-60 Hz (0,13 A per 28W head) 220-240 VAC / 50-60 Hz (0,2 A per 42W head)
Power factor	> 0,9
Type of LED	Citizen COB LED latest generation
MacAdam ellipse	< 3 SDCM
Operating life	L80B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C



HOEDIC - 28W & 42W - ROUND



Unit: mm

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WHITE	BLACK
28 W CRI 90	2430 lm	27 W	90 lm/W	3000 K	23°	H15A7414WHG	H15A7414BKG
	2470 lm		91 lm/W	4000 K		H15A7415WHG	H15A7415BKG
	2430 lm		90 lm/W	3000 K	37°	H15A7403WHG	H15A7403BKG
	2470 lm		91 lm/W	4000 K		H15A7404WHG	H15A7404BKG
42 W CRI 90	3350 lm	42 W	80 lm/W	3000 K	23°	H15A7463WHG	H15A7463BKG
	3400 lm		81 lm/W	4000 K		H15A7464WHG	H15A7464BKG
	3350 lm		80 lm/W	3000 K	37°	H15A7453WHG	H15A7453BKG
	3400 lm		81 lm/W	4000 K		H15A7454WHG	H15A7454BKG

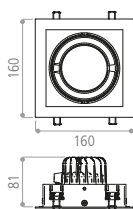
Power ratings available on request: 15W, 20W and 36W

Angle available on request: 16°

Options	Specific colour LED Fruits & vegetables / Bakery / Butcher / Textile
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HOEDIC - 28W & 42W - SQUARE



Unit: mm

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WHITE	BLACK
28 W CRI 90	2430 lm	27 W	90 lm/W	3000 K	23°	H15A6114WHG	H15A6114BKG
	2470 lm		91 lm/W	4000 K		H15A6115WHG	H15A6115BKG
	2430 lm		90 lm/W	3000 K	37°	H15A6103WHG	H15A6103BKG
	2470 lm		91 lm/W	4000 K		H15A6104WHG	H15A6104BKG
42 W CRI 90	3350 lm	42 W	80 lm/W	3000 K	23°	H15A6163WHG	H15A6163BKG
	3400 lm		81 lm/W	4000 K		H15A6164WHG	H15A6164BKG
	3350 lm		80 lm/W	3000 K	37°	H15A6153WHG	H15A6153BKG
	3400 lm		81 lm/W	4000 K		H15A6154WHG	H15A6154BKG

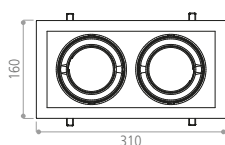
Power ratings available on request: 15W, 20W and 36W

Angle available on request: 16°

Options	Specific colour LED Fruits & vegetables / Bakery / Butcher / Textile
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HOEDIC - 2x28W & 2x42W - DUO



Unit: mm

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WHITE	BLACK
2x28 W CRI 90	2x2430 lm	2x27 W	90 lm/W	3000 K	23°	H15A8114WHG	H15A8114BKG
	2x2470 lm		91 lm/W	4000 K		H15A8115WHG	H15A8115BKG
	2x2430 lm		90 lm/W	3000 K	37°	H15A8103WHG	H15A8103BKG
	2x2470 lm		91 lm/W	4000 K		H15A8104WHG	H15A8104BKG
2x42 W CRI 90	2x3350 lm	2x42 W	80 lm/W	3000 K	23°	H15A8163WHG	H15A8163BKG
	2x3400 lm		81 lm/W	4000 K		H15A8164WHG	H15A8164BKG
	2x3350 lm		80 lm/W	3000 K	37°	H15A8153WHG	H15A8153BKG
	2x3400 lm		81 lm/W	4000 K		H15A8154WHG	H15A8154BKG

Power ratings available on request: 2x15W, 2x20W and 2x36W

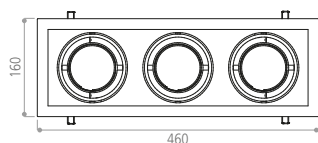
Angle available on request: 16°

Options

Specific colour LED Fruits & vegetables / Bakery / Butcher / Textile



HOEDIC - 3x28W & 3x42W - TRIO



Unit: mm

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WHITE	BLACK
3x28 W CRI 90	3x2430 lm	3x27 W	90 lm/W	3000 K	23°	H15B3814WHG	H15B3814BKG
	3x2470 lm		91 lm/W	4000 K		H15B3815WHG	H15B3815BKG
	3x2430 lm		90 lm/W	3000 K	37°	H15B3803WHG	H15B3803BKG
	3x2470 lm		91 lm/W	4000 K		H15B3804WHG	H15B3804BKG
3x42 W CRI 90	3x3350 lm	3x42 W	80 lm/W	3000 K	23°	H15B3863WHG	H15B3863BKG
	3x3400 lm		81 lm/W	4000 K		H15B3864WHG	H15B3864BKG
	3x3350 lm		80 lm/W	3000 K	37°	H15B3853WHG	H15B3853BKG
	3x3400 lm		81 lm/W	4000 K		H15B3854WHG	H15B3854BKG

Power ratings available on request: 3x15W, 3x20W and 3x36W

Angle available on request: 16°

Options

Specific colour LED Fruits & vegetables / Bakery / Butcher / Textile





ILURIC RANGE



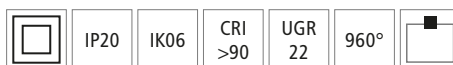
ILURIC is a range of round or square, flush-mounted lights with a single, double or triple head. Larger than the HOEDIC, it is designed for more powerful lighting applications or for a relamping of larger products. Each head is mounted on a double disk to enable swivelling of the lighting in all directions. With various power ratings and angles available, the ILURIC range provides a complete and discrete response to your accentuation lighting projects.

APPLICATIONS

Galleries, Shops, Displays, ...



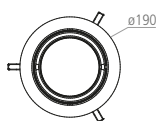
LED DOWNLIGHTS



Materials / components	Aluminium heat dissipater - Body made of steel - Tempered glass facing - Polished aluminium multi-facet reflector
Colours	White or black (grey in option)
Driver	INCLUDED: Standard (remote power supply)
Electrical input characteristics	220-240 VAC / 50-60 Hz (0,17 A per 36W head) 220-240 VAC / 50-60 Hz (0,26 A per 55W head)
Power factor	> 0,9
Type of LED	Citizen COB LED latest generation
MacAdam ellipse	< 3 SDCM
Operating life	L80B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C



ILURIC - 36W & 55W - ROUND



Unit: mm

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WHITE	BLACK
36 W CRI 90	3460 lm	34 W	102 lm/W	3000 K	34°	H17D87C2WHG	H17D87C2BKG
	3510 lm		103 lm/W	4000 K		H17D87D2WHG	H17D87D2BKG
	3460 lm		102 lm/W	3000 K	60°	H17D87C3WHG	H17D87C3BKG
	3510 lm		103 lm/W	4000 K		H17D87D3WHG	H17D87D3BKG
55 W CRI 90	4730 lm	52 W	91 lm/W	3000 K	34°	H15C2663WHG	H15C2663BKG
	4800 lm		92 lm/W	4000 K		H15C2664WHG	H15C2664BKG
	4730 lm		91 lm/W	3000 K	60°	H15C2653WHG	H15C2653BKG
	4800 lm		92 lm/W	4000 K		H15C2654WHG	H15C2654BKG

Power ratings available on request: 28W and 42W

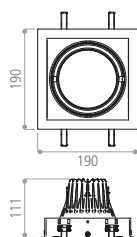
Angle available on request: 18°

Options

Specific colour LED Fruits & vegetables / Bakery / Butcher / Textile



ILURIC - 36W & 55W - SQUARE



Unit: mm

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WHITE	BLACK
36 W CRI 90	3460 lm	34 W	102 lm/W	3000 K	34°	H18D18C2WHG	H18D18C2BKG
	3510 lm		103 lm/W	4000 K		H18D18D2WHG	H18D18D2BKG
	3460 lm		102 lm/W	3000 K	60°	H18D18C3WHG	H18D18C3BKG
	3510 lm		103 lm/W	4000 K		H18D18D3WHG	H18D18D3BKG
55 W CRI 90	4730 lm	52 W	91 lm/W	3000 K	34°	H15C2763WHG	H15C2763BKG
	4800 lm		92 lm/W	4000 K		H15C2764WHG	H15C2764BKG
	4730 lm		91 lm/W	3000 K	60°	H15C2753WHG	H15C2753BKG
	4800 lm		92 lm/W	4000 K		H15C2754WHG	H15C2754BKG

Power ratings available on request: 28W and 42W

Angle available on request: 18°

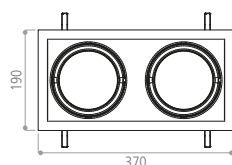
Options

Specific colour LED Fruits & vegetables / Bakery / Butcher / Textile



ILURIC - 2x36W & 2x55W - DUO


2.8
Kg

360x180


Unit: mm

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WHITE	BLACK
2x36 W CRI 90	2x3460 lm	2x34 W	102 lm/W	3000 K	34°	H18D19C2WHG	H18D19C2BKG
	2x3510 lm		103 lm/W	4000 K		H18D19D2WHG	H18D19D2BKG
	2x3460 lm		102 lm/W	3000 K	60°	H18D19C3WHG	H18D19C3BKG
	2x3510 lm		103 lm/W	4000 K		H18D19D3WHG	H18D19D3BKG
2x55 W CRI 90	2x4730 lm	2x52 W	91 lm/W	3000 K	34°	H15C2863WHG	H15C2863BKG
	2x4800 lm		92 lm/W	4000 K		H15C2864WHG	H15C2864BKG
	2x4730 lm		91 lm/W	3000 K	60°	H15C2853WHG	H15C2853BKG
	2x4800 lm		92 lm/W	4000 K		H15C2854WHG	H15C2854BKG

Power ratings available on request: 2x28W and 2x42W

Angle available on request: 18°

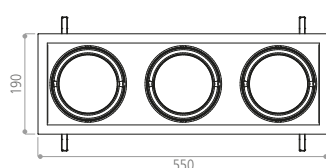
Options

Specific colour LED Fruits & vegetables / Bakery / Butcher / Textile



ILURIC - 3x36W & 3x55W - TRIO


3.2
Kg

540x180


Unit: mm

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WHITE	BLACK
3x36 W CRI 90	3x3460 lm	3x34 W	102 lm/W	3000 K	34°	H18D20C2WHG	H18D20C2BKG
	3x3510 lm		103 lm/W	4000 K		H18D20D2WHG	H18D20D2BKG
	3x3460 lm		102 lm/W	3000 K	60°	H18D20C3WHG	H18D20C3BKG
	3x3510 lm		103 lm/W	4000 K		H18D20D3WHG	H18D20D3BKG
3x55 W CRI 90	3x4730 lm	3x52 W	91 lm/W	3000 K	34°	A60578C2WHG	A60578C2BKG
	3x4800 lm		92 lm/W	4000 K		A60578D2WHG	A60578D2BKG
	3x4730 lm		91 lm/W	3000 K	60°	A60578C3WHG	A60578C3BKG
	3x4800 lm		92 lm/W	4000 K		A60578D3WHG	A60578D3BKG

Power ratings available on request: 3x28W and 3x42W

Angle available on request: 18°

Options

Specific colour LED Fruits & vegetables / Bakery / Butcher / Textile





R-LED RANGE



The R-LED is a powerful, rectangular, swivel-mounted element with a degree of sealing compliant with IP65 rendering it ideal for indoor as well as outdoor use. The light power is dispersed over a wide angle to highlight an entire display, a wall or wall shelving.

APPLICATIONS

Galleries, Shops, Displays, ...





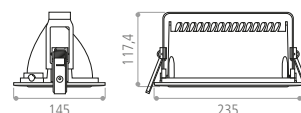
R-LED - 45W - swivel



							
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Materials / components	Aluminium heat dissipater - Body made of white steel - Tempered glass facing - Polished aluminium reflector
Colour	White
Driver	INCLUDED: Standard (remote power supply)
Electrical input characteristics	220-240 VAC / 0,22A / 50-60 Hz
Power factor	> 0,9
Type of LED	LED COB rectangular
MacAdam ellipse	< 5 SDCM
Operating life	L80B20 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +40°C

OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CODE
4000 lm	45 W	91 lm/W	4000 K	RLED45NW
4080 lm			5000 K	RLED45CW



Unit: mm



SAMOA RANGE



SAMOA is an extractable, flush-mounted light with a COB LED, with a maximum extraction angle of 35°. It enables accentuation of products or wall spaces, without glare for passers by, with a timeless design.

APPLICATION









Galleries, Shops, Displays, ...





SAMOA - 31W - ON/OFF & DALI

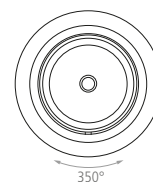
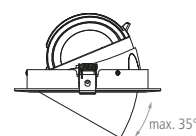
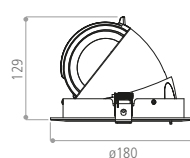


							
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Materials / components	Aluminium heat dissipater - Body made of steel - Tempered glass facing - Polished aluminium multi-facet reflector
Colour	White RAL 9003
Driver	INCLUDED: Standard or DALI (remote power supply)
Electrical input characteristics	220-240 VAC / 0,15A / 50-60 Hz
Power factor	> 0,9
Type of LED	LED COB
MacAdam ellipse	< 3 SDCM
Operating life	L80B10 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C



VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	DRIVER	CODE
31 W ON/OFF	3300 lm	31 W	106 lm/W	3000 K	Standard	119006
	3400 lm		110 lm/W	4000 K		119005
33 W DALI	3300 lm	33 W	100 lm/W	3000 K	DALI	119003
	3400 lm		103 lm/W	4000 K		119004



Unit: mm



BARANKA RANGE



BARANKA is a range of square, fixed, flush-mounted lights with an asymmetric lens for a «wall-washer» effect. Its small size enables discrete integration with an impressive lighting effect thanks to its homogeneity and quantity it provides.

APPLICATIONS

Galleries, Shops, Displays, ...







1.2.3, Rouen (France)



BARANKA - 15W, 20W & 28W



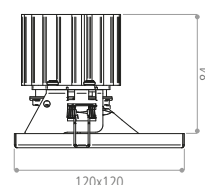
	IP20	IK06	Asym. 	CRI >90	850°	0.85 	
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○ ● (●)

Materials / components	Square collar made of painted steel - Passive black anodised aluminium diffuser
Colours	White or black (grey in option)
Driver	INCLUDED: Standard (remote power supply)
Electrical input characteristics	220-240 VAC / 50-60 Hz
Power factor	> 0,9
Type of LED	Citizen COB LED latest generation
MacAdam ellipse	< 3 SDCM
Operating life	L80B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WHITE	BLACK
15 W CRI 90	1410 lm	14 W	101 lm/W	3000 K	Asym.	H17C47C9WHG	H17C47C9BKG
				4000 K		H17C47D9WHG	H17C47D9BKG
20 W CRI 90	1940 lm	19 W	102 lm/W	3000 K	Asym.	H17A2814WHG	H17A2814BKG
	1970 lm		104 lm/W	4000 K		H17A2813WHG	H17A2813BKG
28 W CRI 90	2460 lm	27 W	91 lm/W	3000 K	Asym.	H17A2854WHG	H17A2854BKG
	2500 lm		92 lm/W	4000 K		H17A2853WHG	H17A2853BKG

110x110

Unit: mm



MYLUM DMS RANGE



The MYLUM DMS is a range of downlights with various diameters and power ratings suitable for your basic lighting needs. The same reference emits 3 light colours which may be selected with a switch at the rear of the product. The low-luminance, micro-structured diffuser of the MYLUM DMS, combining performance and comfort is IP44 for incorporation into sanitary facilities and changing rooms. Finally, its separate power supply may be Standard or DALI.

APPLICATIONS

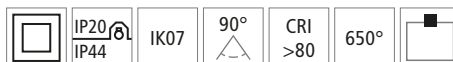
Offices, Education, Passages, Restrooms, ...



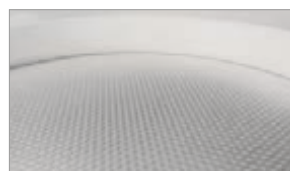
Stamicarbon, Sittard (Netherlands)



MYLUM DMS - 10W, 14W, 20W & 30W



Materials / components	A white painted aluminium body - Transparent PC opaque diffuser with micro-structured film
Characteristics	LED colour selectable on the product with a switch: 3000K, 4000K or 6000K
Driver	INCLUDED: Standard (remote power supply)
Electrical input characteristics	220-240 VAC / 50-60 Hz
Power factor	> 0,9
Type of LED	LED SMD 3000K / 4000K / 6000K
MacAdam ellipse	< 5 SDCM
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +40°C



Micro-structured diffuser



LED colour selectable

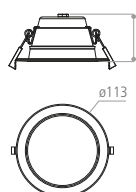


VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	WEIGHT	CODE
10 W ø113	850 lm*	10 W	85 lm/W	Selectable on the product: 3000 K, 4000 K or 6000 K	0,2 Kg	MYDMS10W
14 W ø143	1190 lm*	14 W			0,24 Kg	MYDMS14W
20 W ø200	1720 lm*	20 W	86 lm/W		0,33 Kg	MYDMS20W
30 W ø230	2820 lm*	30 W	94 lm/W		0,45 Kg	MYDMS30W

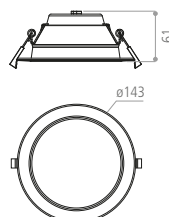
* 4000 K luminous flux
DALI driver on request



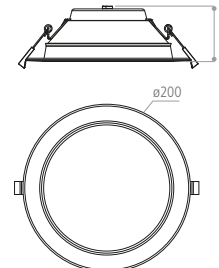
DMS 10W



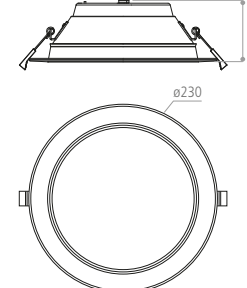
DMS 14W



DMS 20W



DMS 30W



Unit: mm



LUCICUP II RANGE



EASY INSTALLATION

AmortiBump© damping spring system (patented)

Pre-Wired Driver, only the primary has to be connected by push-in connectors

Low depth, height from 9,5 cm to 12 cm

COMFORTABLE LIGHTING

Product with low luminance lens, UGR19 compliant with EN12464

Homogenous lighting of the useful surface area

Exists in opal or clear depending on the desired effect

LONG-LIFE LIGHTING

A LED design for over 15 years* without maintenance

Use of fine materials (steel and pure aluminium (99,5%))

5 year warranty for lighting fixture and driver

* 50 000 hrs, 12 hrs, 5 / 7 days

APPLICATIONS

Offices, Shops, Education, ...



Angara, Casablanca (Morocco)



LUCICUP II CLEAR OPTIC GLASS - 66°



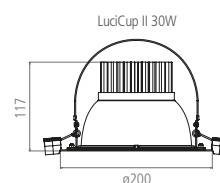
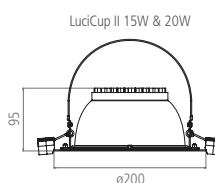
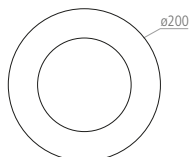
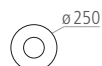
Materials / components	Collar made of sheet steel coated with fine-texture white paint RAL9016 - Pure aluminium thermal dissipater (99.5%) moulded and anodised black - Body made of white opalescent polycarbonate - Polished aluminium faceted reflector - Clear tempered glass screen
Driver	INCLUDED: Standard, Dimmable 1-10V or DALI (remote power supply)
Electrical input characteristics	220-240 VAC / 50-60 Hz
Power factor	> 0,9 (0,86 for 15 W)
Type of LED	Citizen COB LED
MacAdam ellipse	< 3 SDCM
Maximum intensity	900 cd (15 W)
Operating life	L80B10 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C

Connection of the primary to the Tridonic driver with push button connector without tool (15W & 20W)



VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	WEIGHT	CCT	STANDARD DRIVER	DIMMABLE 1-10V DRIVER	DALI DRIVER
 15 W	1355 lm	14,4 W	94 lm/W	0,8 Kg	3000 K	DLW15CST2	DLW15CDM2	DLW15CDA2
	1400 lm		97 lm/W		4000 K	DLN15CST2	DLN15CDM2	DLN15CDA2
 20 W	1820 lm	19,6 W	93 lm/W	0,8 Kg	3000 K	DLW20CST2	DLW20CDM2	DLW20CDA2
	1880 lm		96 lm/W		4000 K	DLN20CST2	DLN20CDM2	DLN20CDA2
 30 W	2470 lm	29,6 W	83 lm/W	0,9 Kg	3000 K	DLW30CST2	DLW30CDM2	DLW30CDA2
	2540 lm		86 lm/W		4000 K	DLN30CST2	DLN30CDM2	DLN30CDA2

Option LuciCup II with trim of ø250mm: 250 suffix to the above reference (example DLW15CST2250)



Unit: mm

Possibility to **customize the primary connections** in our Barentin factory, contact your sales representative



LUCICUP II OPAL GLASS DIFFUSER - 70°



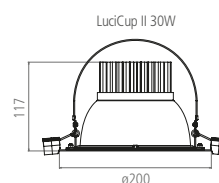
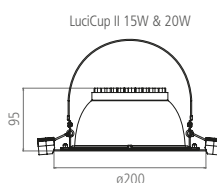
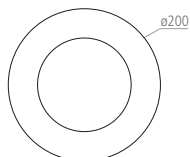
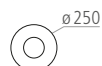
Materials / components	Collar made of sheet steel coated with fine-texture white paint RAL9016 - Pure aluminium thermal dissipater (99.5%) moulded and anodised black - Body made of white opalescent polycarbonate - Polished aluminium faceted reflector - opal tempered glass screen
Driver	INCLUDED: Standard, Dimmable 1-10V or DALI (remote power supply)
Electrical input characteristics	220-240 VAC / 50-60 Hz
Power factor	> 0,9 (0,86 for 15 W)
Type of LED	LED COB Citizen
MacAdam ellipse	< 3 SDCM
Maximum intensity	800 cd (15 W)
Operating life	L80B10 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C

Connection of the primary to the Tridonic driver with push button connector without tool (15W & 20W)



VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	WEIGHT	CCT	STANDARD DRIVER	DIMMABLE 1-10V DRIVER	DALI DRIVER
15 W	1180 lm	14,4 W	82 lm/W	0,8 Kg	3000 K	DLW15FST2	DLW15FDM2	DLW15FDA2
	1200 lm		83 lm/W		4000 K	DLN15FST2	DLN15FDM2	DLN15FDA2
20 W	1490 lm	19,6 W	76 lm/W	0,9 Kg	3000 K	DLW20FST2	DLW20FDM2	DLW20FDA2
	1530 lm		78 lm/W		4000 K	DLN20FST2	DLN20FDM2	DLN20FDA2
30 W	2340 lm	29,6 W	79 lm/W	0,9 Kg	3000 K	DLW30FST2	DLW30FDM2	DLW30FDA2
	2410 lm		81 lm/W		4000 K	DLN30FST2	DLN30FDM2	DLN30FDA2

Option LuciCup II with trim of ø250mm: 250 suffix to the above reference (example DLW15FST2250)



Unit: mm

Possibility to **customize the primary connections** in our Barentin factory, contact your sales representative





TASCON RANGE



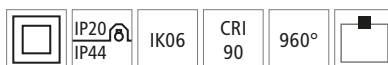
The TASCON range proposes 2 versions of high-power, fixed downlights. Designed for general lighting in low, medium and high ceilings, the TASCON may be used to replace your traditional downlights with products which are more compact and offer a greater luminosity.

APPLICATIONS

Galleries, Shops, Displays, ...



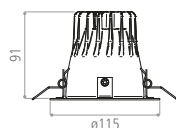
LED DOWNLIGHTS



Materials / components	Aluminium heat dissipater - Body made of steel - Tempered glass facing - Polished aluminium multi-facet reflector
Driver	INCLUDED: Standard (remote power supply)
Electrical input characteristics	220-240 VAC / 0,1 A / 50-60 Hz (20W) 220-240 VAC / 0,14 A / 50-60 Hz (28W) 220-240 VAC / 0,2 A / 50-60 Hz (42W) 220-240 VAC / 0,26 A / 50-60 Hz (55W)
Power factor	> 0,9
Type of LED	Citizen COB LED latest generation
MacAdam ellipse	< 3 SDCM
Operating life	L80B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C



TASCON - 20W, 28W & 42W

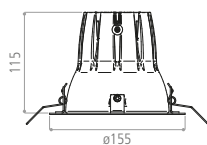


Unit: mm

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	UGR	CCT	ANGLE	WHITE	BLACK
20 W CRI 90	1860 lm	19 W	98 lm/W	18	3000 K	37°	A40250104WHG	A40250104BKG
	1890 lm		99 lm/W		4000 K		A40250105WHG	A40250105BKG
28 W CRI 90	2430 lm	27 W	90 lm/W	20	3000 K	37°	A4025024WHG	A4025024BKG
	2470 lm		91 lm/W		4000 K		A4025025WHG	A4025025BKG
42 W CRI 90	3350 lm	42 W	80 lm/W	22	3000 K	37°	A4025053WHG	A4025053BKG
	3400 lm		81 lm/W		4000 K		A4025054WHG	A4025054BKG

Power ratings available on request: 15W and 36W
Angles available on request: 16° and 23°
DALI driver available on request

Options	Specific colour LED Fruits & vegetables / Bakery / Butcher / Textile
Accessories (sold separately)	Concrete recess box on request



Unit: mm

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	UGR	CCT	ANGLE	WHITE	BLACK
55 W CRI 90	4730 lm	52 W	91 lm/W	22	3000 K	60°	A4086240WHG	A4086240BKG
	4800 lm		92 lm/W		4000 K		A40862D3WHG	A40862D3BKG

Power ratings available on request: 28W, 36W and 42W
Angles available on request: 18° and 34°
DALI driver available on request

Options	Specific colour LED Fruits & vegetables / Bakery / Butcher / Textile
Accessories (sold separately)	Concrete recess box on request



ALTIR RANGE



Altir is a fixed downlight for zones with medium or high ceiling heights. It is designed with a double reflector to guarantee comfortable lighting for the users. With its luminosity of over 4000lm and its excellent colour rendering index (CRI>90), Altir provides perfect general lighting for shops and shopping malls.

APPLICATIONS

Malls, Shops, Displays, ...





ALTIR - 55W



Materials / components	Aluminium heat dissipater - Body made of steel - Tempered glass facing - Polished aluminium multi-facet reflector
Driver	INCLUDED: Standard (remote power supply)
Electrical input characteristics	220-240 VAC / 0,26 A / 50-60 Hz
Power factor	> 0,9
Type of LED	Citizen COB LED latest generation
MacAdam ellipse	< 3 SDCM
Operating life	L80B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C

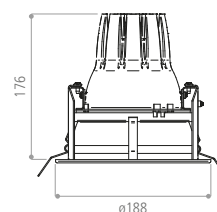
VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WHITE	BLACK
55 W CRI 90	4350 lm	52 W	84 lm/W	3000 K	34°	A1062141WHG	A1062141BKG
	4410 lm		85 lm/W	4000 K		A1062116WHG	A1062116BKG
	4350 lm		84 lm/W	3000 K	60°	A1062140WHG	A1062140BKG
	4410 lm		85 lm/W	4000 K		A1062115WHG	A1062115BKG

Power available on request: 42W

Angle available on request: 18°

DALI driver available on request

Options	Specific colour LED Fruits & vegetables / Bakery / Butcher / Textile
Accessories (sold separately)	Concrete recess box on request



Unit: mm



ATLA FLUSH RANGE



HIGH-POWER, FLUSH-MOUNTED LIGHTING ELEMENTS

CONCEPT

LED recessed lighting fixture : a powerful and homogeneous lighting.

MATERIAL

99,5% pure black anodised aluminium heat sink. Powder coated steel body.

OPTIC

High-power COB LED in Warm White (2700K or 3000K) or Neutral White (4000K).
High efficiency aluminium reflector and closed optical compartment with tempered glass.

INSTALLATION

Recessing system to replace traditional, high-ceiling flush-mounted lights.

POWER SUPPLY

Built-in power supply ; Standard or DALI options.

APPLICATIONS

Malls, Shops, Halls, ...



Shopping Center, Quetigny (France)

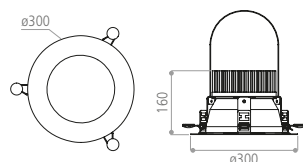
LED DOWNLIGHTS



ATLA FLUSH - 58W to 108W - High-power, flush-mounted lighting element



Materials / components	Collar made of sheet steel - Moulded aluminium body - Faceted aluminium reflector - Screen made of tempered glass
Driver	INCLUDED: Standard or DALI as required (remote power supply)
Electrical input characteristics	220-240 VAC / 0,28 A / 50-60 Hz (58 W) 220-240 VAC / 0,4 A / 50-60 Hz (83 W) 220-240 VAC / 0,51 A / 50-60 Hz (108 W)
Power factor	> 0,9
Type of LED	Citizen COB LED latest generation
MacAdam ellipse	< 3 SDCM
Operating life	L80B10 = 80 000 h (Ta = 25°C)
Operating temperature	-25°C / +45°C



Unit: mm



PRESENTATION OF THE PRODUCT RANGE:

This range has been designed to answer the needs of different lighting projects. Possibility to choose the colours, CRI (Colour Rendering Index) and luminous flux. The product list below is not exhaustive. Contact us to design the right product for you.

SELECT YOUR PRODUCT:

LUMINOSITY	POWER	CCT	OPTICAL DISTRIBUTION	CRI (mini)	DRIVER
from 6350 lm 8400 lm to 10 000 lm	from 58 W 83 W to 108 W	Warm 2700K* 3000K 4000K 5000K (CRI 80 only)* Cold 6500K (CRI 80 only)*	90°	80 or 90 or 97*	Standard or DALI

* on request

A FEW EXAMPLES:

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	CRI	COLOUR	DRIVER	CODE
58 W	6350 lm	58 W	109 lm/W	4000 K	90°	80	White	Standard	E1001ST
	6400 lm		110 lm/W	5000 K					E1005ST
83 W	8200 lm	83,6 W	98 lm/W	3000 K					E1006ST
	8400 lm		100 lm/W	4000 K					E1007ST
108 W	9700 lm	106 W	91 lm/W	3000 K					E1008ST
	10 000 lm		94 lm/W	4000 K					E1002ST

LED Panels & Lines

LED Panels & Lines





LUCIPANEL RANGE



A SHAFT OF LIGHT IN YOUR ENVIRONMENT!

COMFORTABLE LIGHTING

Efficient diffuser to avoid glare
No heat emission under the lamp
120° light dispersion with no shaded zones

A SUSTAINABLE INVESTMENT

Excellent luminous efficacy (up to 120 lm/W)
Very long lifetime (L80B30 = 80 000 hours at 25°C)
65% electrical power consumption savings (compared to fluorescent tubes)

AESTHETIC LED LIGHTING

Perfectly homogenous lighting
10mm thick
Recessed (may be covered with insulation), surface or suspension mounted

APPLICATIONS

Offices, Healthcare, Education, ...



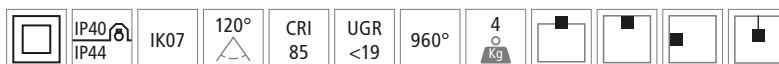
Intrion, Huizingen (Belgium)

LUCIPANEL.FR



LUCIPANEL.FR 27W - 600x600mm

Light up your life 100% French!



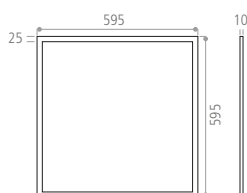
Materials / components	Aluminium frame white RAL 9016 - Polycarbonate diffuser (incandescent wire 960°C)
Characteristics	Panel may be covered with insulation (driver to be placed above the insulation material)
Driver	INCLUDED: Standard (brand KRS - France), Dimmable 1-10V or DALI / push-button (brand Tridonic or Meanwell)
Electrical input characteristics	230 VAC / 0,14A / 50-60 Hz
Power factor	> 0,9
Type of LED	132 LED Samsung
MacAdam ellipse	< 3 SDCM
Maximum intensity	1165 cd (Neutral White)
Operating life	L80B30 = 80 000 h and L70B30 = 135 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C



Frame identical to that of LuciPanel Evo for site continuity



Pre-wired driver and pre-fitted safety harness line



Unit: mm

OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	DRIVER	CODE
3100 lm	28,8 W	108 lm/W	3000 K	Standard	LFRW27W066.ST
3300 lm		115 lm/W	4000 K		LFRN27W066.ST
3450 lm		120 lm/W	6000 K		LFRC27W066.ST
3100 lm		108 lm/W	3000 K	1-10V	LFRW27W066.DM
3300 lm		115 lm/W	4000 K		LFRN27W066.DM
3450 lm		120 lm/W	6000 K		LFRC27W066.DM
3100 lm		108 lm/W	3000 K	DALI/Push	LFRW27W066.DA
3300 lm		115 lm/W	4000 K		LFRN27W066.DA
3450 lm		120 lm/W	6000 K		LFRC27W066.DA

Accessories (sold separately)

Mounting frame **TROF60X60** - Staff fitting frame **CBAL60X60V2** - Recessed spring kit x4 **S4T270** - Double IP65 frame **CIP656060** - Suspension cables x2 **F2T632**



TROF60X60



CBAL60X60V2



S4T270



CIP656060

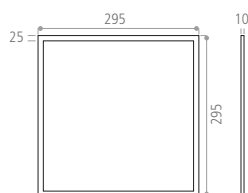


F2T632

LUCIPANEL EVO 2



Materials / components	Aluminium frame white RAL 9016 - Polycarbonate diffuser (incandescent wire 960°C)
Characteristics	Panel may be covered with insulation (driver to be placed above the insulation material)
Driver	NOT INCLUDED, to be ordered separately: Standard driver LC125/700-A-UN (+ dedicated connection cable 1W0065VB) DALI driver LCA25one4all
Electrical input characteristics	230 VAC / 50-60 Hz
Power factor	> 0,9
Type of LED	70 LED Samsung (300x300) - 100 LED Samsung (300x600)
MacAdam ellipse	< 3 SDCM
Maximum intensity	495 cd (300x300 - Neutral White) / 800 cd (300x600 - Neutral White)
Operating life	L80B30 = 80 000 h and L70B30 = 135 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C



Unit: mm

LUCIPANEL EVO 2 14W - 300x300mm

OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	WEIGHT	CODE
1330 lm	16,1 W	83 lm/W	3000 K	0,9 Kg	LPTW14W033.02
1400 lm		98 lm/W	4000 K		LPTN14W033.02
1470 lm		91 lm/W	6000 K		LPTC14W033.02

Accessories (sold separately)	Mounting frame TROF30X30 - Staff fitting frame CBAL30X30V2 - Recessed spring kit x4 S4T270 - Suspension cables x2 F2T632 - 4m extension for driver LEW4M
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TROF30X30



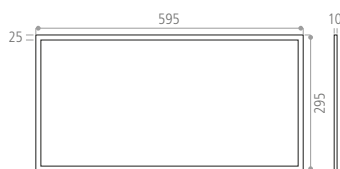
CBAL30X30V2



S4T270



F2T632



Unit: mm

LUCIPANEL EVO 2 21W - 300x600mm

OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	WEIGHT	CODE
2050 lm	22,1 W	93 lm/W	3000 K	2 Kg	LPTW21W036.02
2150 lm		97 lm/W	4000 K		LPTN21W036.02
2260 lm		102 lm/W	6000 K		LPTC21W036.02

Accessories (sold separately)	Recessed spring kit x4 S4T270 - Suspension cables x2 F2T632 - 4m extension for driver LEW4M
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S4T270



F2T632

LUCIPANEL EVO 2



LUCIPANEL EVO 2 32W - 675x675mm



Materials / components	Aluminium frame white RAL 9016 - Polycarbonate diffuser (incandescent wire 960°C)
Characteristics	Panel may be covered with insulation (driver to be placed above the insulation material)
Driver	NOT INCLUDED, to be ordered separately: Standard driver STD024A DALI driver LCA45one4all
Electrical input characteristics	230 VAC / 50-60 Hz
Power factor	> 0,9
Type of LED	160 LED Samsung
MacAdam ellipse	< 3 SDCM
Maximum intensity	1205 cd (Neutral White)
Operating life	L80B30 = 80 000 h and L70B30 = 135 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C

OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CODE
3325 lm	35,9 W	93 lm/W	3000 K	LPTW32W675.02
3500 lm		98 lm/W	4000 K	LPTN32W675.02
3675 lm		102 lm/W	6000 K	LPTC32W675.02

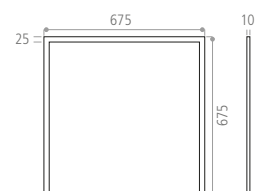
Accessories (sold separately)	Recessed spring kit x4 S4T270 - Suspension cables x2 F2T632 - 4m extension for driver LEW4M
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S4T270



F2T632

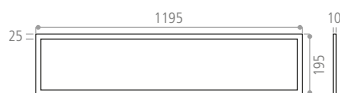


Unit: mm

LUCIPANEL EVO 2



Materials / components	Aluminium frame white RAL 9016 - Polycarbonate diffuser (incandescent wire 960°C)
Characteristics	Panel may be covered with insulation (driver to be placed above the insulation material)
Driver	NOT INCLUDED, to be ordered separately: Standard driver STD024A DALI driver LCA45one4all
Electrical input characteristics	230 VAC / 50-60 Hz
Power factor	> 0,9
Type of LED	192 LED Samsung
MacAdam ellipse	< 3 SD CM
Maximum intensity	1190 cd (1200x200 - Neutral White) / 1205 cd (1200x300 - Neutral White)
Operating life	L80B30 = 80 000 h and L70B30 = 135 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C



Unit: mm

LUCIPANEL EVO 2 32W - 1200x200mm

OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	WEIGHT	CODE
3180 lm	32,1 W	99 lm/W	3000 K	3,5 Kg	LPTW32W122.02
3350 lm		105 lm/W	4000 K		LPTN32W122.02
3520 lm		110 lm/W	6000 K		LPTC32W122.02

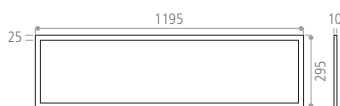
Accessories (sold separately) Staff fitting frame **CBAL120X20V2** - Suspension cables x3 **F3T892** - 4 m extension for driver **LEW4M**



CBAL120X20V2



F3T892



Unit: mm

LUCIPANEL EVO 2 32W - 1200x300mm

OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	WEIGHT	CODE
3325 lm	35 W	95 lm/W	3000 K	4 Kg	LPTW32W123.02
3500 lm		100 lm/W	4000 K		LPTN32W123.02
3675 lm		105 lm/W	6000 K		LPTC32W123.02

Accessories (sold separately) Mounting frame **TROF30X120** - Staff fitting frame **CBAL120X30V2** - Suspension cables x3 **F3T892** - 4 m extension for driver **LEW4M**



TROF30X120



CBAL120X30V2



F3T892

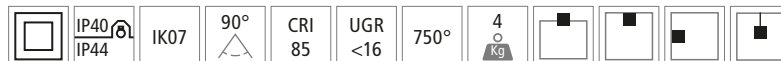


LUCIPANEL SPECIFICS



LUCIPANEL.FR 27W - UGR16

Lighting comfort 100% french, with its micro-structured optical film!



Materials / components	White aluminium frame RAL 9016 - Polycarbonate diffuser - Micro-structured, optical film with low UGR
Characteristics	Panel may be covered with insulation (driver to be placed above the insulation material)
Driver	INCLUDED: Standard (brand KRS - France), Dimmable 1-10V or DALI / push-button (brand Tridonic or Meanwell)
Electrical input characteristics	230 VAC / 0,14 A / 50-60 Hz
Power factor	> 0,9
Type of LED	132 LED Samsung
MacAdam ellipse	< 3 SDCM
Maximum intensity	1165 cd (Neutral White)
Operating life	L80B30 = 80 000 h and L70B30 = 135 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C

OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	DRIVER	CODE
2850 lm	28,8 W	99 lm/W	3000 K	Standard	LFRW27W066.STOF
3030 lm		105 lm/W	4000 K		LFRN27W066.STOF
3170 lm		110 lm/W	6000 K		LFRC27W066.STOF
2850 lm		99 lm/W	3000 K	1-10V	LFRW27W066.DMOF
3030 lm		105 lm/W	4000 K		LFRN27W066.DMOF
3170 lm		110 lm/W	6000 K		LFRC27W066.DMOF
2850 lm		99 lm/W	3000 K	DALI	LFRW27W066.DAOF
3030 lm		105 lm/W	4000 K		LFRN27W066.DAOF
3170 lm		110 lm/W	6000 K		LFRC27W066.DAOF

Accessories (sold separately)	Mounting frame TROF60X60 - Staff fitting frame CBAL60X60V2 - Recessed spring kit x4 S4T270 - Double IP65 frame CIP656060 - Suspension cables x2 F2T632
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TROF60X60



CBAL60X60V2



S4T270

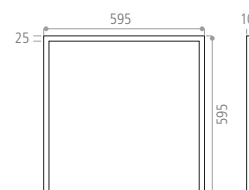
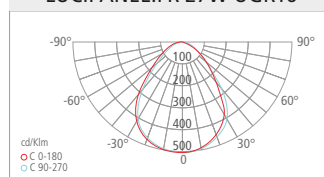


CIP656060



F2T632

LUCIPANEL.FR 27W UGR16



Unit: mm

LUCIPANEL SPECIFICS



LUCIPANEL.FR EVOLUTION 600x600

Light up your life 100% French!



LuciPanel.fr is technically designed to meet all LED lighting panel requirements for your project, i.e. height or lighting parameters, etc... From a single product, **LuciPanel.fr 600x600mm**, it is possible to emit a luminous flux of up to 1700 lm over 4500 lm! To achieve with this, let's adjust the current supply to tailor product performance according to desired lighting level and power consumption.

Appropriate lighting, this is the LuciPanel Evolution concept!



BOA, Tilburg (Netherlands)

LuciPanel.fr Evolution 600x600 (example for 4000 K)

OUTPUT LUMINOSITY (lm)	POWER WITH DRIVER (W)	LIGHTING EFFICIENCY (lm/W)	INPUT CURRENT (mA)	REFERENCE TO ORDER	SETTING (ON switch)
1550	14,6	106	350	LFRN27W066.40DA	-
2220	20,6	108	500	LFRN27W066.40DA	1
3300	28,4	116	700	LFRN27W066.ST	-
3830	36,8	104	900	LFRN27W066.40DA	1 & 2 & 3 & 4 & 6
4370	43,1	101	1050	LFRN27W066.40DA	1 & 2 & 3 & 4 & 5 & 6
5480*	58,2	94	1400	LFRN27W066.60DA	1 & 2 & 3 & 4 & 5 & 6

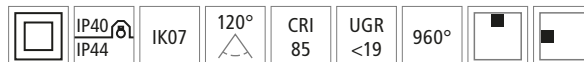
* For this luminosity, the UGR will be greater than 19 in the case of a traditional installation at a height of 2.7m, whereas the product operating life is L70B50 = 50,000 h (Ta=25°C). Flush-mounted only, may not be covered in this case.



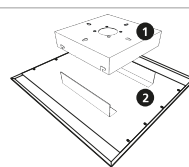
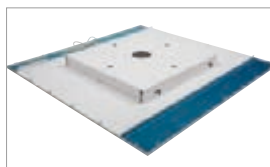
Because each project has a **specific need**, please do not hesitate to contact our Lighting Design Office regarding your lighting, correlated colour temperature, installation and luminance requirements. The concept is applicable for all Lucipanel sizes.

There must be an **optimum solution** with **LuciPanel.fr Evolution!**

LUCIPANEL SPECIFICS



Type	Mounting frame - Surface installation
Materials / components	Frame: steel LuciPanel: Aluminium frame white RAL 9016 - Polycarbonate diffuser (incandescent wire 960°C)
Colours	White RAL9016 - Fine texture enamel paint
Characteristics	Fastening with 4 screw M6X20 for box assembly
Electrical input characteristics	230 VAC / 50-60 Hz
Power factor	> 0,9
Type of LED	LED Samsung
MacAdam ellipse	< 3 SDCM
Operating life	L80B30 = 80 000 h and L70B30 = 135 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C



- 1- Box to be fasten to the ceiling support (fasteners not included)
- 2- Plate fixed on the back of LuciPanel with box fixing screws

LUCIPANEL.FR - 600x600mm with Mounting Frame

VERSION	OUTPUT LUMINOSITY	CCT	WEIGHT	DRIVER	CODE
LuciPanel.fr 600x600 27W	3100 lm	3000 K	6,9 Kg	Standard	LFRW27W066.STCD
	3300 lm	4000 K			LFRN27W066.STCD
	3450 lm	6000 K			LFRC27W066.STCD
	3100 lm	3000 K		DALI	LFRW27W066.DACD
	3300 lm	4000 K			LFRN27W066.DACD
	3450 lm	6000 K			LFRC27W066.DACD

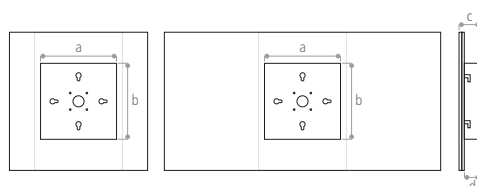
This product is composed of the LuciPanel.fr assembled with a remote frame and pre-wired driver.
Refer to the LuciPanel.fr technical characteristics in the associated technical data sheet.

LUCIPANEL EVO 2 - 300x300mm / 1200x300mm with Mounting Frame

Frame made in France

VERSION	OUTPUT LUMINOSITY	CCT	WEIGHT	DRIVER	CODE
LuciPanel Evo 2 300x300 14W	1330 lm	3000 K	1,9 Kg	Standard :	LPTW14W033.CD
	1400 lm	4000 K		LC125/700-A-UN DALI :	LPTN14W033.CD
	1470 lm	6000 K		LCA 25one4all	LPTC14W033.CD
LuciPanel Evo 2 1200x300 32W	3325 lm	3000 K	5 Kg	Standard :	LPTW32W123.CD
	3500 lm	4000 K		STD024A DALI :	LPTN32W123.CD
	3675 lm	6000 K		LCA 45one4all	LPTC32W123.CD

LuciPanel Evo 2 reference number delivered with Mounting Frame (driver to be ordered separately)
Refer to the LuciPanel Evo 2 technical characteristics in the associated technical data sheets.



	a	b	c	d
LuciPanel Evo 2 300x300	190	190	49	39
LuciPanel.fr 600x600	330	330	48	38
LuciPanel Evo 2 1200x300	190	190	48	38

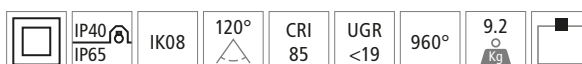
Unit: mm



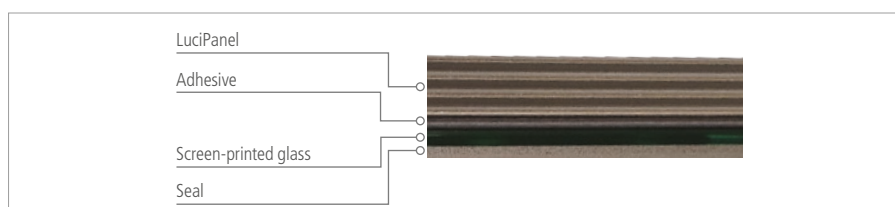
LUCIPANEL SPECIFICS



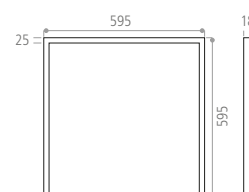
LUCIPANEL.FR IP65 SINGLE-SIDE 27W - 600x600mm



Type	Lighting element 600x600 sealed - Installation on a steel support
Materials / components	6 mm screen-printed tempered glass (grey RAL 9006)
Characteristics	Withstands harsh environments: IP65 (0,3 bar water jet) - Anti-condensation seal Ingress protection: seal on the bottom of the glass frame in contact with the flanges Easy to use: Compression seal for silicone-free installation - Fits 600x600mm ceiling grids - Impact strength: IK08
Driver	INCLUDED: Standard (brand KRS - France), Dimmable 1-10V or DALI / push-button (brand Tridonic or Meanwell)
Electrical input characteristics	230 VAC / 0,14 A / 50-60 Hz
Power factor	> 0,9
Type of LED	132 LED Samsung
MacAdam ellipse	< 3 SDCM
Maximum intensity	1050 cd
Operating life	L80B30 = 80 000 h and L70B30 = 135 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C
Applications	Kitchens, Laboratories, Changing rooms, Cellars, Damp rooms, ...



OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	DRIVER	CODE
3000 lm	28,8 W	104 lm/W	4000 K	Standard	LFRN27W066.STIP
				1-10V	LFRN27W066.DMIP
				DALI	LFRN27W066.DAIP



Unit: mm

LUCIPANEL SPECIFICS



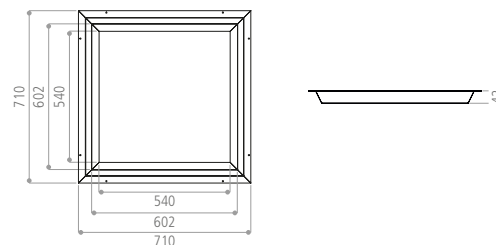
LUCIPANEL.FR IP65 REMOTE 27W - 600x600mm

Product suitable for cleanrooms (ISO9 - ISO8 - ISO7 and ISO6)



Materials / components	LuciPanel aluminium frame (White RAL 9016) - Polycarbonate diffuser - Painted steel frame (white RAL 9016) using paint resistant to hydrogen peroxide (H2O2) cleaning - Neoprene sealing gasket
Characteristics	Surface-mounted lighting unit fastened with 8 screws from below
Driver	INCLUDED: Standard (brand KRS - France), Dimmable 1-10V or DALI / push-button (brand Tridonic or Meanwell)
Electrical input characteristics	230 VAC / 0,15 A / 50-60 Hz
Power factor	> 0,9
Type of LED	132 LED Samsung
MacAdam ellipse	< 3 SDCM
Maximum intensity	1000 cd
Operating life	L80B30 = 80 000 h and L70B30 = 135 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C
Applications	600x600 lighting panel for surface-mounted installation, with driver in the frame, suitable for use in clean and semi-clean rooms, compatible with H2O2 cleaning

OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	DRIVER	CODE
3000 lm	31 W	94 lm/W	4000 K	Standard	LFRN27W066.STSB
				1-10V	LFRN27W066.DMSB
				DALI	LFRN27W066.DASB



Unit: mm

LUCIPANEL ACCESSORIES to be ordered separately

RECESSED INSTALLATION



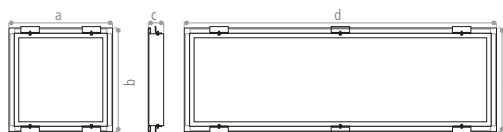
STAFF FRAME (painted steel white RAL 9016)




Characteristics

Fastening with 4 or 6 brackets supplied with screws - For ceiling thicknesses from 5 mm to 20 mm

TYPE	COMPATIBILITY	WEIGHT	CODE
Staff frame 300x300	LuciPanel Evo 2 300x300	1 Kg	CBAL30X30V2
Staff frame 600x600	LuciPanel.fr 600x600	1,5 Kg	CBAL60X60V2
Staff frame 1200x200	LuciPanel Evo 2 1200x200	2 Kg	CBAL120X20V2
Staff frame 1200x300	LuciPanel Evo 2 1200x300	2,1 Kg	CBAL120X30V2



Unit: mm

	a	b	c	d	e	Recessed 
CBAL30X30V2	327	327	41			305x311
CBAL60X60V2	627	627	41			605x611
CBAL120X20V2			41	1227	227	1205x211
CBAL120X30V2			41	1227	327	1205x311




SURFACE SPRING KIT (steel)



Characteristics

Spring fixing at the back of LuciPanel - «Spring - Support - Screw» subassembly (x4) - For false ceiling up to 30mm in thickness (with false ceiling opening)

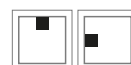
TYPE	COMPATIBILITY	CODE
Surface spring kit	LuciPanel Evo 2 300x300 / 300x600 / 675x675 / 1200x200 / 1200x300	S4T270

	a	b
 Opening dimensions for spring integration Unit: mm		
	270	250
	270	400
	570	400
	170	800
	270	800

REMOTE INSTALLATION



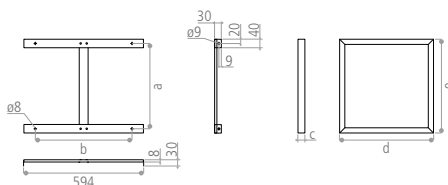
TROFFER FRAME (painted steel white RAL 9016)



Characteristics

Fastening of the frame with 4 screws M6 provided, ceiling fastening screws not provided

TYPE	COMPATIBILITY	WEIGHT	CODE
Troffer frame 300x300	LuciPanel Evo 2 300x300	1 Kg	TROF30X30
Troffer frame 600x600	LuciPanel.fr 600x600		TROF60X60
Troffer frame 300x1200	LuciPanel Evo 2 1200x300	2,5 Kg	TROF30X120
Troffer frame 1200x600	LED panel 1200x600	3,8 Kg	TROF120X60



Unit: mm

	a	b	c	d	e
TROF30X30	170	240	46,5	301	301
TROF60X60	420	480	46,5	301	601
TROF30X120	665	180	46,5	301	1201
TROF120X60	432,5 x 2	480	46,5	601	1201

LUCIPANEL ACCESSORIES

to be ordered separately

SUSPENDED INSTALLATION



SUSPENSION CABLES

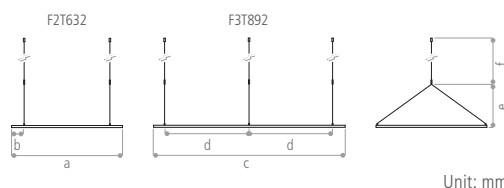
(steel and stainless steel)



Characteristics

F2T632: set of 2 cables with fixing system
F3T892: set of 3 cables with fixing system

TYPE	COMPATIBILITY	CODE
Suspension cables	LuciPanel.fr 600x600 LuciPanel Evo 2 300x300 / 300x600 / 675x675	F2T632
Suspension cables	LuciPanel Evo 2 1200x200 / 1200x300 LED Panel 1200x600	F3T892



Unit: mm



	a	b	c	d	e	f
LuciPanel Evo 2 300x300	300	44			342	2000
LuciPanel Evo 2 300x600	600	131			342	2000
LuciPanel.fr 600x600	600	131			240	2000
LuciPanel Evo 2 675x675	675	135			225	2000
LuciPanel Evo 2 1200x200			1200	365	360	2000
LuciPanel Evo 2 1200x300			1200	365	342	2000
LED Panel 1200x600			1200	365	242	2000

FLUSH-MOUNTED INSTALLATION IN SANDWICH BOARD CEILINGS

(white rooms, laboratories, ...)



DOUBLE IP65 FRAME

(painted steel white RAL 9010)



IP65

IK07



Characteristics

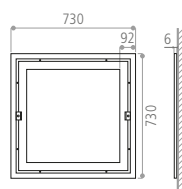
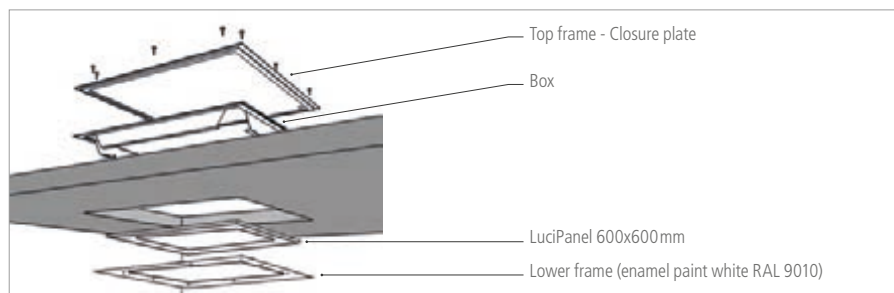
Set of 3 elements:
Lower frame safety glass - 3 mm (the lower frame is screw fastened to the casing with 8 stainless steel screws M5) / Box / Top frame / Closure plate (the upper frame is screw fastened to the casing with 12 stainless steel screws)
Water tightness: seal on the top, lower parts and box ; Silicon between safety glass and lower frame
Power supply: Install in inner frame ; PG13.5 gland seal
Thickness of pressure element: 55 mm to 65 mm
Position: LuciPanel is centered inside lower frame by means of 4 mounting angles
Recessed fitting: 660 mm x 660 mm

Applications

Double frame IP65 for installation of a lighting panel 600x600 in the sandwich board ceiling of a clean room or laboratory with a thickness from 55 to 65mm

TYPE	COMPATIBILITY	WEIGHT	CODE
IP65 frame	LuciPanel.fr 600x600	13 Kg	CIP656060

Lighting fixture and driver to be ordered separately



Unit: mm



LUCIDREAM RANGE



THE ONLY LIMIT: YOUR IMAGINATION!

CUSTOMISED LUCIPANEL

A wide range of sizes offering numerous possibilities: Visual effects, signs, logos, ...

AN INNOVATE MEANS OF EXPRESSION

Four-colour silkscreen printing
A 10mm thick illuminated panel

A LONG-LASTING IMPRESSION

Exceptional longevity (13 years, 14 h/s, 5 d/7 week)
UV-resistant screen printing
Over 65% energy saving

INSTALLATION SIMPLICITY

Fast installation

APPLICATIONS

Shops, Hospitals, Offices, ...



Stamicarbon, Sittard (Netherlands)



A Lucibel lighting panel
screen printed to your
specifications to provide
a unique lighting effect!

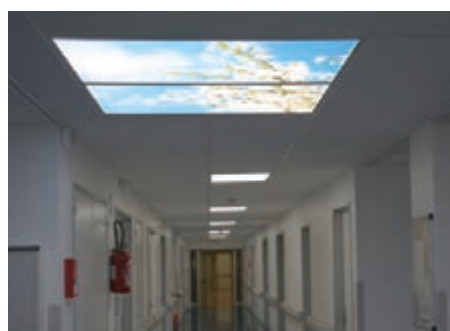
LUCIDREAM



Materials / components	Aluminium frame white RAL 9016 - Polycarbonate diffuser
Driver	INCLUDED for LuciDream 600x600 To be ordered separately for other dimensions: Standard or DALI
Electrical input characteristics	230 VAC / 50-60 Hz
Power factor	> 0,9
Operating life	L80B30 = 80 000 h and L70B30 = 135 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C



Hospital of Draguignan, Draguignan (France)



Louis Mourier Hospital, Colombes (France)

STEPS:

1

Select your LuciPanel

- > Dimensions
- > Power

2

Select your power supply

- > Standard
- > Dimmable
- > DALI

3

Select your installation type

- > Recessed
- > Suspended
- > Surface wall and/or ceiling mounted

4

Send us your High-Definition image to:

marketing@lucibel.com

> 300 dpi minimum

> format JPEG / PSD / TIFF accepted

or

see our bank of images ready to be
screen printed:


<http://www.lucibel.io/web/lucibel-btob/picture-library>

HOSPITALS, NURSERIES, PEDIATRIC WARDS, RETIREMENT HOMES...

- A brightly coloured and cheerful atmosphere
- A warm and convivial surrounding for families
- A pleasant distraction for young patients during medical examinations
- Colourful and decorative visual effects
- Installation on ceilings or walls

SIGNS

- Printing of company logo, direction indicators...
- Unique indoor signs

LUXURY GOODS RETAILERS

- Enhancement of high-end products

DECORATION

- Architectural effects: Virtual windows for lighting or to optically increase the size of a room
- "Work of art" effect

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	CCT	CODE
LuciDream 300x300 - 14W	< 1400 lm	16,1 W	4000 K	LPTN14W033.DR
LuciDream 300x600 - 21W	< 2150 lm	22,1 W		LPTN21W036.DR
LuciDream 600x600 - 27W - Standard	< 3300 lm	28,8 W		LFRN27W066.STDR
LuciDream 600x600 - 27W - DALI				LFRN27W066.DADR
LuciDream 675x675 - 32W	< 3500 lm	35,9 W		LPTN32W067.DR
LuciDream 1200x200 - 32W	< 3350 lm	32,1 W		LPTN32W122.DR
LuciDream 1200x300 - 32W	< 3500 lm	35 W		LPTN32W123.DR
LuciDream 1200x600 - 55W	< 6000 lm	53,5 W		LPTN55W126.DR

* 4000 kelvins as standard - other colour (3000 K, 6000 K) to be stipulated in the order



COMFORT PANEL RANGE



A LIGHT WHICH IS BOTH DISCRETE AND EFFICIENT!

The COMFORT PANEL is an effective and comfortable alternative for 600x600 flush-mounted elements. Its complex lens arrangement (aluminium reflector coupled with the lens) provides comfortable lighting, even though the light source is not visible.

- Highly efficient lighting ($> 100 \text{ lm/W}$)
- Colour temperature stability ($< 3 \text{ SDCM}$)
- Visual comfort for users ($\text{UGR} < 19$) with an aluminium reflector
- Very good colour rendering ($\text{CRI} > 80$)
- Flat design (34mm)
- Exists with a standard driver and DALI driver (brand Tridonic)

APPLICATIONS





Offices, Shops, Education, ...





COMFORT PANEL - 32W



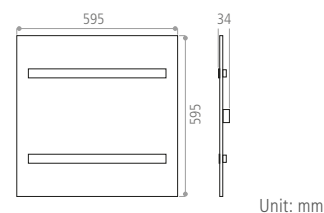
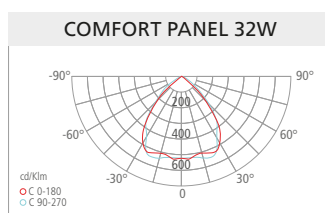
	IP20	IK02	85° 	CRI >80	UGR <19	650°	2.7 	
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Materials / components	Body made of white sheet steel - Metallic polycarbonate reflector
Driver	INCLUDED: Standard or DALI, as required
Electrical input characteristics	220-240 VAC / 0,15 A / 50-60 Hz (32 W)
Power factor	> 0,9
MacAdam ellipse	< 3 SDCM
Operating life	L80B10 = 75 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C



VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	DRIVER	CODE
32 W STD	3400 lm	32 W	106 lm/W	3000 K	Standard	H055AD0001
	3500 lm		109 lm/W	4000 K		H055AD0002
30 W DALI	3400 lm	30 W	113 lm/W	3000 K	DALI	H055AD0003
	3500 lm		117 lm/W	4000 K		H055AD0004

625x625 version available on request





MYLUM PANEL RANGE



HIGH-PERFORMANCE 230V LED PANEL, READY TO INSTALL, ENABLING QUICK AND DURABLE REPLACEMENT OF FLUORESCENT TUBE LIGHTING ELEMENTS (50% ECONOMY SAVING)

LED PANEL:

Alternative to fluorescent tubes

EXCEPTIONAL LUMINOUS EFFICIENCY:

100 lm/W (driver included)

TANGENTIAL LIGHTING:

Low glare level (UGR < 19)

CORRELATED COLOUR T° STABILITY:

Long-term homogeneity guaranteed

LUMINAIRE LIFETIME:

50 000 H, 6 times longer than that of a fluorescent tube

APPLICATIONS

Offices, Healthcare, Education, ...



French International School «Jardines Lookout» (Hong-Kong)

LED PANELS & LINES



Materials / components	Aluminium frame white RAL 9016 - Opal PS diffuser or micro-prismatic version
Driver	INCLUDED: Standard, pre-wired Scale 1-10V, Push-button or DALI available on request
Electrical input characteristics	230 VAC / 0,16 A / 50-60 Hz
Power factor	> 0,9
Type of LED	LED SMD (diffusion from the side)
MacAdam ellipse	< 5 SDCM
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C
Accessories	Provided: Adjustable safety wires



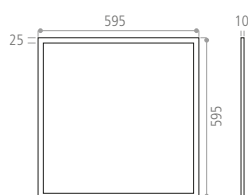
Diffuser offering comfortable lighting conditions with no shaded zone



Standard driver included and pre-wired



Safety cable included and adjustable



Unit: mm

MYLUM PANEL 33W - 600x600mm

OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	WEIGHT	CODE
3100 lm	31,6 W	98 lm/W	3000 K	3,9 Kg	MYPL6060W2
3350 lm	33 W	102 lm/W	4000 K		MYPL6060N2
3500 lm	33,3 W	105 lm/W	6000 K		MYPL6060C2

Accessories (sold separately)

Mounting frame white **MYPL6060SM** (depth 50mm) - Recessed spring kit x4 **S4T270** - Suspension cables x2 **F2T632**



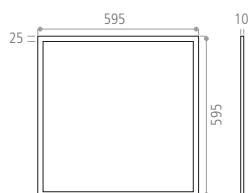
MYPL6060SM



S4T270



F2T632



Unit: mm

MYLUM PANEL 33W - 600x600mm - Micro-prismatic

OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	WEIGHT	CODE
3000 lm	31,6 W	95 lm/W	3000 K	3,9 Kg	MYPL6060W2MP
3200 lm	33 W	97 lm/W	4000 K		MYPL6060N2MP
3400 lm	33,3 W	102 lm/W	6000 K		MYPL6060C2MP

Accessories (sold separately)

Mounting frame white **MYPL6060SM** (depth 50mm) - Recessed spring kit x4 **S4T270** - Suspension cables x2 **F2T632**



MYPL6060SM



S4T270



F2T632



Materials / components	Aluminium frame white RAL 9016 - PS diffuser
Driver	INCLUDED: Standard, pre-wired Scale 1-10V, Push-button or DALI available on request
Electrical input characteristics	230 VAC / 0,16 A / 50-60 Hz (33 W) 230 VAC / 0,26 A / 50-60 Hz (55 W)
Power factor	> 0,9
Type of LED	LED SMD (diffusion from the side)
MacAdam ellipse	< 5 SDCM
Operating life	L70B50 = 50 000 h (Ta = 25°)
Operating temperature	-20°C / +45°C
Accessories	Provided: Adjustable safety wires



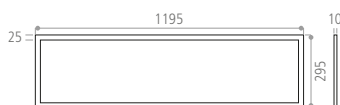
Diffuser offering comfortable lighting conditions with no shaded zone



Standard driver included and pre-wired



Safety cable included and adjustable



Unit: mm

MYLUM PANEL 33W - 1200x300mm

OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	WEIGHT	CODE
3200 lm	33,1 W	97 lm/W	4000 K	4 Kg	MYPL1230N2

Accessories (sold separately)	Mounting frame TROF30X120 - Staff fitting frame CBAL120X30V2 - Suspension cables x3 F3T892
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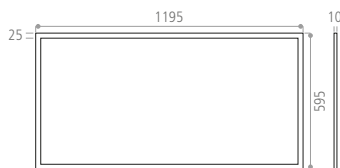
TROF30X120



CBAL120X30V2



F3T892



Unit: mm

MYLUM PANEL 55W - 1200x600mm

OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	WEIGHT	CODE
5100 lm	55 W	93 lm/W	4000 K	7,8 Kg	MYPL1260N2

Accessories (sold separately)	Mounting frame TROF120X60 - Suspension cables x3 F3T892
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TROF120X60



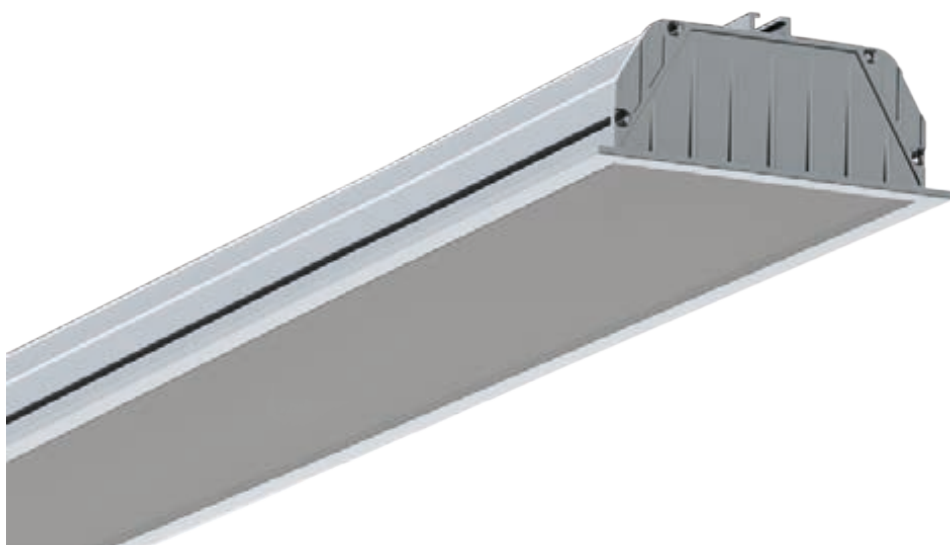
F3T892



Schneider Electric, Ulaanbaatar (Mongolia)



Peugeot, Paris (France)



ALUR RANGE



AN AESTHETIC RECESSED LINE

Sober design for discrete and elegant recessed mounting (8 cm wide)
Use of a double optical diffuser for optimum comfort
Homogeneity of lighting over the useful surface offering a comfortable light

CUSTOMISED PERFORMANCE

Excellent lighting efficiency (120 lm/W)
Light diffusion over 105°
Operating life 50 000 h (L90B10)

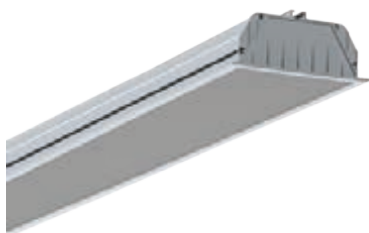
EASY TO USE

Recess fitted without tools thanks to the springs system
Remote power supply delivered pre-connected to the lighting element
Choice of standard power supplies, 1-10V or DALI

APPLICATIONS

Offices, Shops, Education, ...

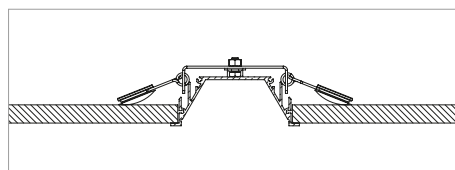




ALUR - 1m & 2m - 105°



Materials / components	Anodised aluminium profile rail - Polycarbonate double diffuser
Driver	INCLUDED: Standard or DALI as required (remote power supply)
Electrical input characteristics	220-240 VAC / 0,11 A / 50-60 Hz (24W) 220-240 VAC / 0,22 A / 50-60 Hz (48 W)
Power factor	> 0,9
Type of LED	SMD de Seoul SC
MacAdam ellipse	< 3 SDCM
Maximum intensity	855 cd
Operating life	L90B10 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C

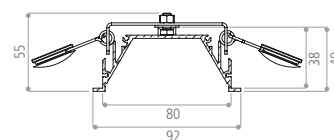


Recess with spring fastening system

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	LENGTH	WEIGHT	DRIVER	CODE
1 m 24 W	2850 lm	23,7 W	120 lm/W	4000 K	970 mm	1,5 Kg	Standard	ALN24W970ST
							DALI	ALN24W970DA
2 m 48 W	5700 lm	47,4 W	120 lm/W	4000 K	1940 mm	3 Kg	Standard	ALN48W1940ST
							DALI	ALN48W1940DA

Available in 3000 K or with white aluminium profile rails RAL 9003 on request

Lengths: 970 mm and 1940 mm



Unit: mm



LOUVER RANGE



A CLASSIC BODY WITH A UNIQUE LED CORE!

A CLASSIC DESIGN

Aluminium grid on the reflectors for optimal visual comfort

Dimensions allowing replacement of fluorescent tubes

LED source not visible once installed

A COMPLETE RANGE

2 dimensions (120cm and 150cm), standard or DALI

2 power levels for different ceiling heights

Flush-mounted installation in ceilings with a thickness from 0,8 to 30mm

ECONOMIC RETURN

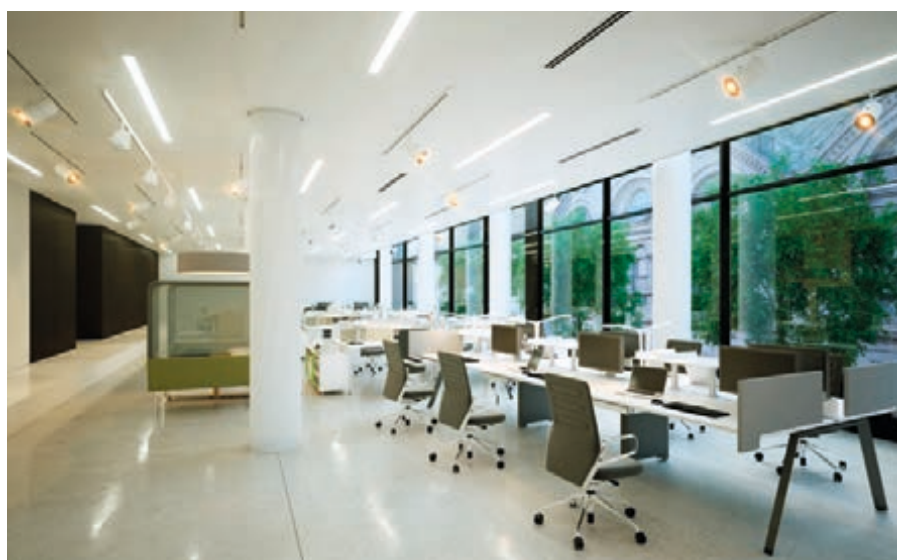
Excellent energy efficiency (up to 120 lm/W)

40% power saving compared to fluorescent tubes T5 lighting

Long product operating life (50,000 h L80B10)

APPLICATIONS :

Education, Offices, ...





LOUVER - Low luminance - 120cm & 150cm



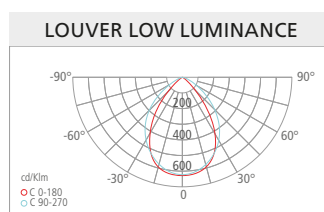
Materials / components	Body made of sheet steel - PMMA diffuser - Parabolic grid made of matt anodised aluminium
Driver	INCLUDED: Standard or DALI, as required (internal)
Electrical input characteristics	220-240 VAC / 50-60 Hz
Power factor	0.95
Type of LED	SMD de Tridonic
MacAdam ellipse	< 3 SDCM
Operating life	L80B10 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C



Ceiling bracket from 0,8 to 30mm in thickness

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	WEIGHT	CCT	DRIVER STANDARD	DRIVER DALI
1200 mm 21 W	2200 lm	21 W	105 lm/W	2.3 Kg	3000 K	K001BK0001	K001BK0003
	2300 lm		110 lm/W		4000 K	K001BK0002	K001BK0004
1200 mm 49 W	5500 lm	49 W	112 lm/W		3000 K	K001BK0005	K001BK0007
	5700 lm		117 lm/W		4000 K	K001BK0006	K001BK0008
1500 mm 42 W	4850 lm	42 W	115 lm/W	2.8 Kg	3000 K	K001BK0009	K001BK0011
	5100 lm		121 lm/W		4000 K	K001BK0010	K001BK0012
1500 mm 56 W	6400 lm	56 W	114 lm/W		3000 K	K001BK0013	K001BK0015
	6700 lm		120 lm/W		4000 K	K001BK0014	K001BK0016

Ceiling-mounted or suspended versions available on request





LOUVER LINE - Continuous low-luminance line - 120cm & 150cm



Materials / components	Body made of sheet steel - PMMA diffuser - Parabolic grid made of matt anodised aluminium
Driver	INCLUDED: Standard or DALI, as required (internal)
Electrical input characteristics	220-240 VAC / 50-60 Hz
Power factor	0.95
Type of LED	SMD de Tridonic
MacAdam ellipse	< 3 SDCM
Operating life	L80B10 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C



F = Line beginning



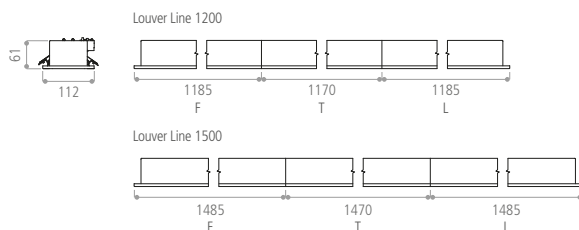
T = Line middle



L = Line end

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	WEIGHT	CCT	DRIVER	F LINE BEGINNING	T LINE MIDDLE	L LINE END
1200 mm 21 W	2200 lm	21 W	105 lm/W	2,4 Kg	3000 K	Standard	K001BL0001	K001BL0009	K001BL0017
						DALI	K001BL0003	K001BL0011	K001BL0019
	2300 lm		110 lm/W		4000 K	Standard	K001BL0002	K001BL0010	K001BL0018
						DALI	K001BL0004	K001BL0012	K001BL0020
1200 mm 49 W	5500 lm	49 W	112 lm/W	2,4 Kg	3000 K	Standard	K001BL0005	K001BL0013	K001BL0021
						DALI	K001BL0007	K001BL0015	K001BL0023
	5750 lm		117 lm/W		4000 K	Standard	K001BL0006	K001BL0014	K001BL0022
						DALI	K001BL0008	K001BL0016	K001BL0024
1500 mm 42 W	4850 lm	42 W	115 lm/W	3 Kg	3000 K	Standard	K001BL0025	K001BL0033	K001BL0041
						DALI	K001BL0027	K001BL0035	K001BL0043
	5100 lm		121 lm/W		4000 K	Standard	K001BL0026	K001BL0034	K001BL0042
						DALI	K001BL0028	K001BL0036	K001BL0044
1500 mm 56 W	6400 lm	56 W	114 lm/W	3 Kg	3000 K	Standard	K001BL0029	K001BL0037	K001BL0045
						DALI	K001BL0031	K001BL0039	K001BL0047
	6700 lm		120 lm/W		4000 K	Standard	K001BL0030	K001BL0038	K001BL0046
						DALI	K001BL0032	K001BL0040	K001BL0048

Ceiling-mounted or suspended versions available on request



Unit: mm





TABLO LED RANGE



IDEAL FOR THE LIGHTING OF BLACKBOARDS WHILE GUARANTEEING VISUAL COMFORT

The TABLO LED is a powerful and high-quality asymmetric lighting element offering the following options:

- > Standard or DALI driver
- > Surface, flush-mounted on support brackets or suspended versions

APPLICATIONS

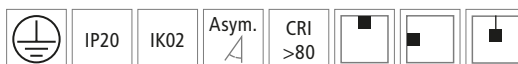
Education, Meeting rooms, Amphitheatres, ...



«Clos de la Roche» school, Istres (France)



TABLO LED - 60cm & 120cm



Materials / components	Body made of white RAL 9003 sheet steel - Matt, anodised aluminium lens
Driver	INCLUDED: Standard or DALI, as required (internal)
Electrical input characteristics	220-240 VAC / 0,12 A / 50-60 Hz (24 W) 220-240 VAC / 0,18 A / 50-60 Hz (37 W)
Power factor	0.95
Type of LED	LED SMD LG
MacAdam ellipse	< 3 SDCM
Maximum intensity	3700 cd
Operating life	L80B10 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C



Detail of reflector




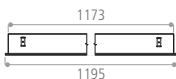


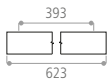
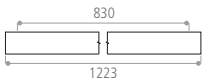

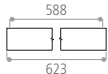
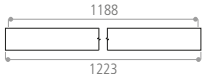


Surface-mounted version



Suspended version

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	LENGTH	WEIGHT	DRIVER	CODE
Recessed	2400 lm	24 W	100 lm/W	4000 K	600 mm	2 Kg	Standard	K001AP0105
							DALI	K001AP0113
	3800 lm	37 W	103 lm/W		1200 mm	3,5 Kg	Standard	K001AP0121
							DALI	K001AP0129
Surface	2400 lm	24 W	100 lm/W		600 mm	3,0 Kg	Standard	K001AP0140
							DALI	K001AP0138
	3800 lm	37 W	103 lm/W		1200 mm	5,2 Kg	Standard	K001AP0136
							DALI	K001AP0134
Suspended	2400 lm	24 W	100 lm/W		600 mm	3,0 Kg	Standard	K001AP0148
							DALI	K001AP0146
	3800 lm	37 W	103 lm/W		1200 mm	5,2 Kg	Standard	K001AP0144
							DALI	K001AP0142

TABLO LED recessed :					
TABLO LED surface-mounted :					
TABLO LED suspended :					

Unit: mm

Wall lights

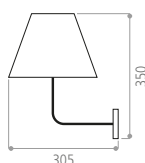




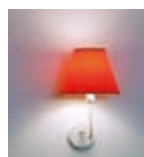
LILLY & DAISY RANGE

Wall mounted with conic (LILLY) or cylindrical (DAISY) lampshade which may be customised for hotels, restaurants, reception areas, ...

LILLY



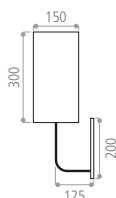
Unit: mm



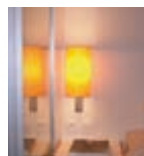
TYPE OF SOURCE	COLOUR OF ELBOW SUPPORT	CODE
E27 (max 60 W)	White	ALYZZEE2
	Silver	ALYZZEE1
	Black	ALYZZEE0

Without switch - incorporation possible on request

DAISY



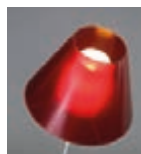
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












TYPE OF SOURCE	COLOUR OF ELBOW SUPPORT	CODE
E27 (max 60 W)	White	ADSZEE2
	Silver	ADSZEE1
	Black	ADSZEE0

Without switch - incorporation possible on request

LAMPSHADE



Lampshade according to choice below (to be stipulated in the order):

■ Warhol (plastic-coated):	 W1	 W2	 W3	 W4	 W5	 W6	
■ Percelle (fabric):	 P1	 P2	 P3	 P4	 P5	 P6	 P7

SOURCES



A60 socket E27

TYPE	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CRI	ANGLE	LIFETIME	DRIVER	CODE
A60 Socket E27	806 lm	9 W	90 lm/W	2700 K	80	230°	15 000 h	Driver 230 VAC incorporated, not dimmable	C13822540
				4000 K					C13822541

WALL LIGHTS



SUNNY RANGE

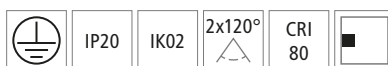


A true light porthole, SUNNY is used as a decorative wall light. Its round shape gives it a gentle form and provides soothing light. It is equipped with a semi-transparent illuminated disk. The direct lighting therefore combines with the wall halo to give a splendid lighting effect.

APPLICATIONS

Hotels, Restaurants, Reception areas, Retirement homes, Hospitals, ...

SUNNY - 18W

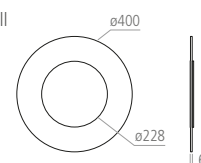


Colours	Core white and edge chromed (other colours available on request)
Driver	INCLUDED: Standard, incorporated into the body of the product
Electrical input characteristics	220-240 VAC / 0,1 A / 50-60 Hz
Power factor	> 0,9
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C



OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CODE
1500 lm	18 W	83 lm/W	3000 K	ASNMZEE2
			4000 K	ASNNZEE2

50 mm away from the wall



Unit: mm



SAMBA RANGE



SAMBA is a white illuminated panel with a coloured surround for use as a wall light or on the ceiling. Coloured indirect lighting as the ideal solution for your decoration: A touch of colour will enable you to highlight your visual identity for example, or simply provide a spot of gaiety to your passageways.

The play with retro-lid colours creates a more dynamic ambience in your premises and even enables differentiation of zones according to colours (different floors, departments) or their purpose (board room, rest area, quiet zone, ...)

APPLICATIONS

Hotels, Restaurants, Reception areas, Relaxation zones, Retirement homes, Hospitals, ...

SAMBA

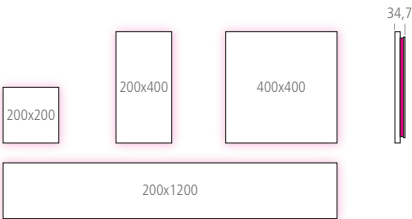


Characteristics	Direct LED lighting with a homogeneous diffusion of light at 4000K, On/Off (dimmer on request) Indirect LED lighting in red, green, blue or white with a factory-set fixed scenario (dynamic scene mode on request)
Driver	INCLUDED: Standard, incorporated into the body of the product
Electrical input characteristics	220-240 VAC / 50-60 Hz
Power factor	> 0,9
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION WITH DIRECT LIGHTING	POWER CONSUMPTION WITH INDIRECT LIGHTING	TOTAL POWER CONSUMPTION	CCT	CODE
200x200 mm	1000 lm	10 W	3,1 W/channel	19,3 W	4000 K	ASBNZEECS
200x400 mm	1500 lm	15 W	3,1 W/channel	28,8 W		ASBNZEERS
400x400 mm	2000 lm	20 W	3,1 W/channel	38,6 W		ASBNZEECB
200x1200 mm	3300 lm	33 W	3,1 W/channel	69 W		ASBNZEERB



STANDARD COLOURS	CHANNELS USED	CHANNELS
White 4000 K	WHITE	1
Red	RED	1
Green	GREEN	1
Blue	BLUE	1
Cyan (turquoise)	GREEN / BLUE	2
Magenta (purple)	BLUE / RED	2
Yellow	GREEN / RED	2
Pale pink	RED / WHITE	2
Pastel green	GREEN / WHITE	2
Pastel blue	BLUE / WHITE	2
Pastel turquoise	GREEN / BLUE / WHITE	3
Pastel purple	BLUE / RED / WHITE	3
Pastel yellow	GREEN / RED / WHITE	3



Unit: mm



WALL LIGHTS



ORIZON RANGE

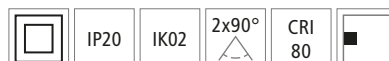


ORIZON is a very low voltage wall light of a small diameter (3cm), with an ingenious adjustable shutter system to obstruct the light beam in a given direction. ORIZON is particularly suitable for spaces where the light direction must be set according to use, such as new-born wards, work and rest areas.

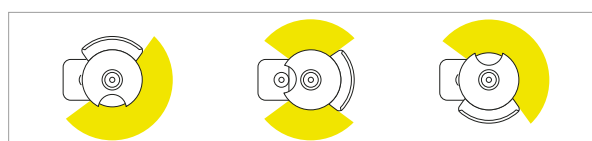
APPLICATIONS

Offices, Medical and paramedical environment, ...

ORIZON - 20W & 35W



Colours	Satin white body - Transparent PMMA diffuser - Chromed edge
Driver	INCLUDED: Remote driver 24V with 2.5 m cable
Electrical input characteristics	220-240 VAC / 0,1 A / 50-60 Hz (20 W) 220-240 VAC / 0,17 A / 50-60 Hz (35 W)
Power factor	> 0,9
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C



Shutter blade adjustable by the user

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CODE
600 mm 20 W	1600 lm	20 W	80 lm/W	4000 K	AORNZEE2
1000 mm 35 W	3000 lm	35 W	86 lm/W		AORNZEE2x1



Unit: mm



PHILAE RANGE



PHILAE is a wall light of high-class design, primarily intended for use in medical and paramedical surroundings. Its finesse and aesthetic look provide gentle, yet powerful lighting with the possibility to set various modes (ambiance, reading, care, night).

PHILAE is also suitable for reception areas or passageways in the service sector.

APPLICATIONS

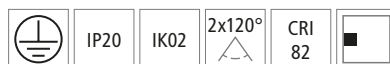
Retirement homes, Hospitals and suburban hospital institutions, Medically equipped rooms, Reception areas, Passages, ...



WALL LIGHTS



PHILAE - 45W & 90W



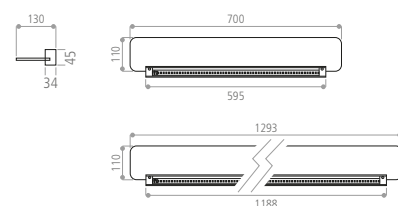
Colours	Satin white body - Transparent PMMA diffuser - Chromed edge
Driver	INCLUDED: Standard, incorporated into the body of the product
Electrical input characteristics	220-240 VAC / 0,22 A / 50-60 Hz (45 W) 220-240 VAC / 0,44 A / 50-60 Hz (90 W)
Power factor	> 0,9
MacAdam ellipse	< 3 SDCM
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C



VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CODE
700 mm 45 W	5000 lm	45 W	111 lm/W	4000 K	APHNPEE2
1300 mm 90 W	10000 lm	90 W			APHNREE2

Driver incorporated with the following modes:

Ambiance Mode	Reading Mode	Care Mode	Night light Mode
2600 lm (L. 700 mm) 5200 lm (L. 1300 mm)	1500 lm (L. 700 mm) 3000 lm (L. 1300 mm)	Combination of 2 lighting elements for illumination of the room to 300 lux	2 W for security night lighting



Unit: mm



PLAIA HC RANGE



PLAIA HC (Health Care) is a bedhead light providing direct/indirect lighting, designed to meet the specific needs in hospitals, clinics, maternity wards, retirement homes... It is dustproof, may incorporate a night light and is equipped with an independent control for direct and indirect lighting. It is available in two sizes, depending on the size of the room to be illuminated (760mm and 1100mm). PLAIA HC contains a LED of the latest generation and flexible optical surfaces to control the luminance of direct lighting, thus providing optimal lighting comfort for the users.

APPLICATIONS

Retirement homes, Hospitals and suburban hospital institutions, Medically equipped rooms, Maternity wards, ...



GHM - Les Portes du Sud, Feyzin (France) - Cabinet AIA LIFE DESIGNERS

WALL LIGHTS



PLAIA HC - 50W & 70W



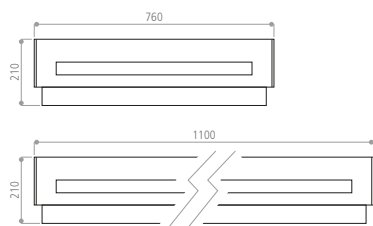
Colours	Grey or white
Characteristics	Dissymmetric supply on the version 1100mm for back-to-back installation in the same wall partition
Driver	INCLUDED: 2 drivers, not dimmable, controlled separately
Electrical input characteristics	220-240 VAC / 0,24 A / 50-60 Hz (50 W) 220-240 VAC / 0,34 A / 50-60 Hz (70 W)
Power factor	> 0,9
MacAdam ellipse	< 3 SDCM
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C



VERSION	DIRECT / INDIRECT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	WEIGHT	COLOR	CODE
760 mm 50 W	1100 lm / 4400 lm	50 W	110 lm/W	4000 K	10 Kg	Grey	PLHCA3ES1
						White	PLHCA3ES2
1100 mm 70 W	1100 lm / 6600 lm	70 W	110 lm/W	4000 K	12 Kg	Grey	PLHCM3ES1
						White	PLHCM3ES2

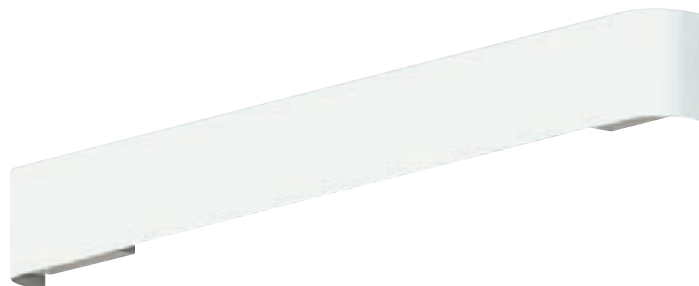
Option night light, CRI90 and other colours on request

Options	Decorative, coloured ends (Grey, Red, Orange, Yellow) or transparent. White as standard.
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Unit: mm

Driver incorporated with the following modes:			
Ambiance Mode	Reading Mode	Care Mode	Night light Mode
4400 lm (L. 760 mm) 6600 lm (L. 1100 mm)	1100 lm (L. 760 mm) 1100 lm (L. 1100 mm)	Combination of 2 lighting elements for illumination of the room to 300 lux	2 W for security night lighting



R-GOLIGHT RANGE



A SOBER AND ELEGANT WALL LIGHT

A pure and sober design

A very high level of finish

Optimised double lighting direct/indirect

Available in two dimensions: 60cm and 110cm

INNOVATIVE LIGHTING CONTROL

Independent control of the direct and indirect lighting

Variety of control possibilities: DALI, 1-10V, EnOcean

The EnOcean system functions without batteries or external wiring via the two remote-controls provided

AVAILABLE IN BEDHEAD VERSION SUITABLE FOR USE IN RETIREMENT HOME AND HOSPITAL ENVIRONMENTS

Fruit of a cooperation with an ophtalmologist and a visual ergonomist

It provides an optimised lighting environment for the daily life of patients, as well as for the care staff in the exercise of their duties

Direct lighting with 6500K and indirect lighting with 2700K

Glare is reduced to ensure the well being of patients

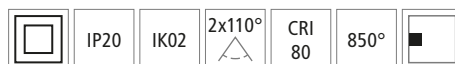
APPLICATIONS

Services, Retirement homes, Hospitals and suburban hospital institutions, Medically equipped rooms, Maternity wards, ...





R-GOLIGHT 600 - 48W

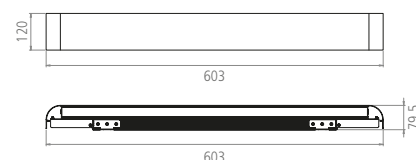


Materials / components	Anodised aluminium body clad with sheet steel - White RAL 9016 fine texture paint (also available in black and grey)
Driver	INCLUDED: 2 drivers incorporated Dimmable 1-10V, DALI or EnOcean
Electrical input characteristics	220-240 VAC / 2 x 0,25 A max / 50-60 Hz
Power factor	> 0,9
Type of LED	LED SMD de Seoul SC
MacAdam ellipse	< 3 SDCM
Operating life	L80B10 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +40°C

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	DRIVER	CODE
Standard version	2x2650 lm	2x24 W	110 lm/W	Direct and indirect lighting: 3000 K	1-10V	RG3030B05DM
					DALI	RG3030B05DA
					EnOcean with double paired button	RG3030B05EO
Safety cover version					1-10V	RG3030B05DMSE
					DALI	RG3030B05DASE
					EnOcean with double paired button	RG3030B05EOSE

For the 4000 K version: replace 3030 with 4040 in the reference
Version ON/OFF, double switching, available on request

Options	Finish: Product also available in black or grey Replace the B in the reference with N (black) or G (grey). E.g.: RG3030 B 05DM > RG3030 N 05DM or RG3030 G 05DM
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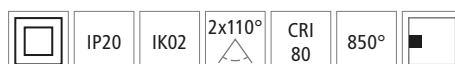


Unit: mm

Other colour temperatures for direct and indirect lighting available on request



R-GOLIGHT 1000 - 110W - Bed end version



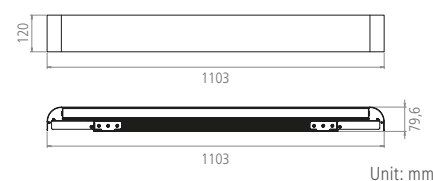
Materials / components	Anodised aluminium body clad with sheet steel - White RAL 9016 fine texture paint (also available in black and grey)
Driver	INCLUDED: 2 drivers incorporated Dimmable 1-10V, DALI or EnOcean
Electrical input characteristics	220-240 VAC / 2 x 0,25 A max / 50-60 Hz
Power factor	> 0,9
Type of LED	LED SMD de Seoul SC
MacAdam ellipse	< 3 SDCM
Operating life	L80B10 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +40°C



VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	DRIVER	CODE
Standard version	2x5500 lm	2x55 W	100 lm/W	Direct lighting: 2700 K Indirect lighting: 6500 K	1-10V	RG2765B1DM
					DALI	RG2765B1DA
					EnOcean with double paired button	RG2765B1EO
Safety cover version					1-10V	RG2765B1DMSE
					DALI	RG2765B1DASE
					EnOcean with double paired button	RG2765B1EOSE

Version ON/OFF, double switching, available on request

Options	Finish: Product also available in black or grey Replace the B in the reference with N (black) or G (grey). E.g.: RG2765 B 1DM > RG2765 N 1DM ou RG2765 G 1DM
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Unit: mm

Other colour temperatures for direct and indirect lighting available on request





SCHOOL RANGE



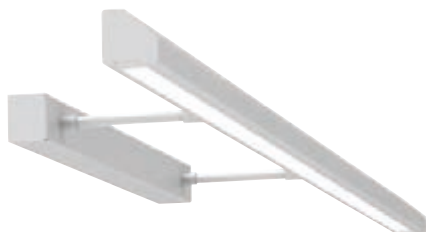
GOOD LIGHTING MEANS GOOD LEARNING!

SCHOOL is a wall light mounted on an offset arm and with a asymmetric lens. It emits an asymmetric and homogeneous light to illuminate classroom walls and whiteboards. The PMMA lens is designed for the visual comfort of the users, both students and teachers.

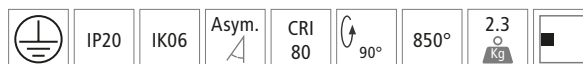
APPLICATIONS

Education, Galleries, Offices, ...





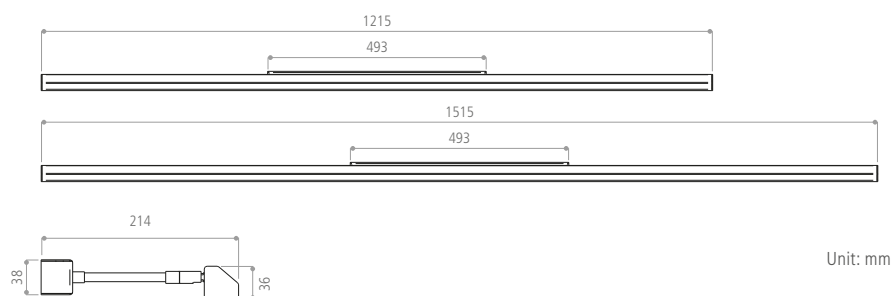
SCHOOL - 120cm & 150cm



Materials / components	White painted steel body - PMMA lens
Characteristics	90° swivel head for precise light beam direction
Driver	INCLUDED: Standard, incorporated into the wall brackets of the product
Electrical input characteristics	220-240 VAC / 0,13 A / 50-60 Hz (27 W) 220-240 VAC / 0,19 A / 50-60 Hz (34 W)
Power factor	> 0,9
Type of LED	Module LED Zhaga bk7
MacAdam ellipse	< 3 SDCM
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CODE
1200 mm 27 W	1950 lm	27 W	72 lm/W	3000 K	H17D59A9
	2100 lm			4000 K	H17D59B9
1500 mm 34 W	2400 lm	34 W	72 lm/W	3000 K	H17D93A9
	2600 lm			4000 K	H17D93B9

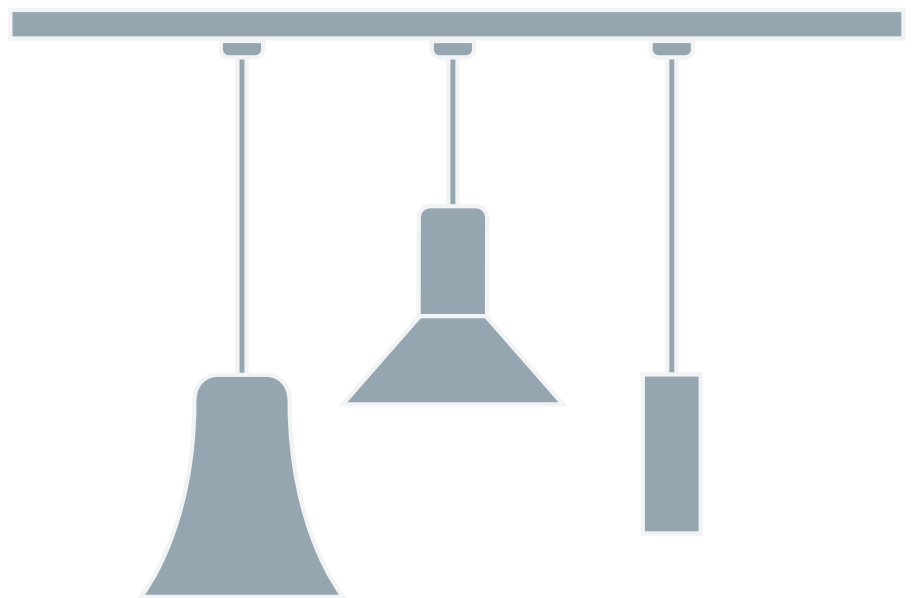
Available in DALI on request



Unit: mm

Decorative

suspension
lights





MAKIDO RANGE



Receive the general public as well as clients, in style and in an agreeable atmosphere, this is the purpose of the new MAKIDO suspension light. It is perfectly at home above the tables in a restaurant. In a group of 3 or 4 lights over a reception desk or counter, they fulfil a functional role, but also highlight the zone with their presence. The customisation possibilities render them suitable for all styles of interior decoration!

APPLICATIONS

Services, Shops, Reception areas, Restaurants, ...





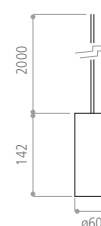
MAKIDO - 10W



Materials / components	Aluminium body lacquered with polyester powder - Multi-facet PMMA lens - Supply cable 2x0.75mm ² , length 2m
Colours	White or black (grey in option)
Driver	INCLUDED: Standard, incorporated into the body of the product - Scaled by cutting the up and down phase
Electrical input characteristics	220-240 VAC / 0,05 A / 50-60 Hz
Power factor	> 0,9
Type of LED	Citizen COB LED latest generation
MacAdam ellipse	< 3 SDCM
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	COLOUR	CODE
10 W CRI 90	710 lm	10 W	71 lm/W	2700 K	White	A31381K3WHG
					Black	A31381K3BKG
	760 lm		76 lm/W	3000 K	White	A31381C3WHG
					Black	A31381C3BKG
	810 lm		81 lm/W	4000 K	White	A31381D3WHG
					Black	A31381D3BKG

Options	Supply cable in fabric sleeve: red, light green, black, yellow, dark blue
Accessories (sold separately)	Conic steel ceiling rose (white, grey or black) AC110041 - Spherical steel ceiling rose (white, grey or black) AC110051 - Plastic ceiling rose (white or black) AC110080



Unit: mm



NAURU RANGE



The Nauru light illuminates and decorates your reception, restaurants, ... with style and elegance. With its discrete size and sober cylindrical form, Nauru offers a wide range of luminescence enabling its use to create an intimate setting as well as a brightly lit area.

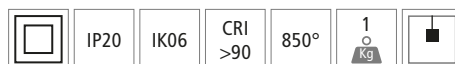
APPLICATIONS

Services, Shops, Reception areas, Restaurants, ...





NAURU - 15W, 20W & 27W



Materials / components	Aluminium body lacquered with polyester powder - Tempered glass screen - Polished aluminium multi-facet reflector. - Supply cable 2x0.75mm², length 2m
Colours	White or black (grey in option)
Driver	INCLUDED: Standard, incorporated into the body of the product
Electrical input characteristics	220-240 VAC / 50-60 Hz
Power factor	> 0,9
Type of LED	Citizen COB LED latest generation
MacAdam ellipse	< 3 SDCM
Operating life	L80B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	UGR	CCT	ANGLE	WHITE	BLACK
15 W CRI 90	1380 lm	14 W	99 lm/W	< 18	3000 K	37°	H18D22C3WHG	H18D22C3BKG
	1400 lm		100 lm/W		4000 K		H18D22D3WHG	H18D22D3BKG
20 W CRI 90	1860 lm	19 W	98 lm/W	< 20	3000 K	37°	H18D23C3WHG	H18D23C3BKG
	1890 lm		99 lm/W		4000 K		H18D23D3WHG	H18D23D3BKG
27 W CRI 90	2430 lm	27 W	90 lm/W	< 22	3000 K	37°	H18D24C3WHG	H18D24C3BKG
	2470 lm		91 lm/W		4000 K		H18D24D3WHG	H18D24D3BKG

Angles available on request: 16°, 23°

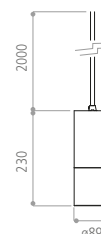
Options	Supply cable in fabric sleeve: red, light green, black, yellow, dark blue
Accessories (sold separately)	Conic steel ceiling rose (white, grey or black) AC110041 - Spherical steel ceiling rose (white, grey or black) AC110051 - Plastic ceiling rose (white or black) AC110080



AC110041

AC110051

AC110080



Unit: mm



LOTO RANGE



Thanks to its compact and elegant retro design, but also thanks to its wide range of power ratings (20W to 42W), LOTO is perfectly suitable for a considerable variety of applications. Undeniably the most versatile suspension light! It is also possible to add an optional prismatic reflector in order to modify the style.

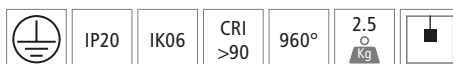
APPLICATIONS

Shops, Supermarkets, Reception and living areas, Restaurants, ...





LOTO - 20W, 28W & 42W

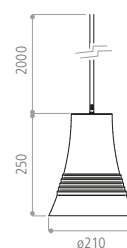
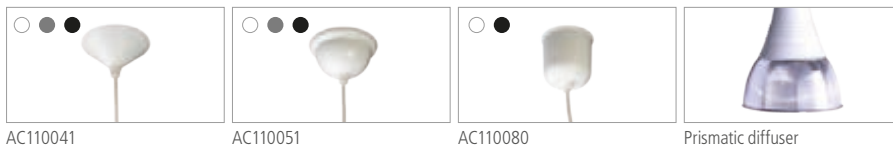


Materials / components	Body made of lacquered, chased aluminium - Tempered glass screen - Polished aluminium multi-facet reflector - Supply cable 3x0.75mm², length 2m
Colours	White or black (grey in option)
Driver	INCLUDED: Standard, incorporated into the body of the product
Electrical input characteristics	220-240 VAC / 50-60 Hz
Power factor	> 0,9
Type of LED	Citizen COB LED latest generation
MacAdam ellipse	< 3 SDCM
Operating life	L80B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	UGR	CCT	ANGLE	WHITE	BLACK
20 W CRI 90	1860 lm	20 W	98 lm/W	< 18	3000 K	37°	A30832104WHG	A30832104BKG
	1890 lm		99 lm/W		4000 K		A30832105WHG	A30832105BKG
28 W CRI 90	2430 lm	28 W	90 lm/W	< 20	3000 K	37°	A3083203WHG	A3083203BKG
	2470 lm		91 lm/W		4000 K		A3083204WHG	A3083204BKG
42 W CRI 90	3350 lm	42 W	80 lm/W	< 22	3000 K	37°	A3083253WHG	A3083253BKG
	3400 lm		81 lm/W		4000 K		A3083254WHG	A3083254BKG

Angles available on request: 16°, 23°
DALI driver on request

Options	Specific colour LED Fruits & vegetables / Bakery / Butcher / Textile Black supply cable
Accessories (sold separately)	Conic steel ceiling rose (white, grey or black) AC110041 - Spherical steel ceiling rose (white, grey or black) AC110051 - Plastic ceiling rose (white or black) AC110080 Prismatic diffuser on request



Unit: mm



ATLA RANGE



Lighting fixture
and driver

POWERFUL PENDANT LIGHTING FIXTURE

CONCEPT

LED pendant lighting fixture : a powerful and homogeneous lighting. Ideal for industrial-style interior lighting.

MATERIAL

99,5% pure black anodised aluminium heat sink. Powder coated steel body.

OPTIC

High-power COB LED in Warm White (2700K or 3000K) or Neutral White (4000K). High efficiency aluminium reflector and closed optical compartment with tempered glass.

INSTALLATION

Lighting fixture installed with suspension ring.

POWER SUPPLY

Built-in power supply ; Standard or DALI options.

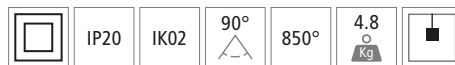
APPLICATIONS

Shops, Supermarkets, Reception and living areas, Restaurants, ...



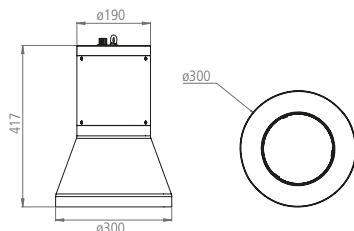


ATLA - 58W to 108W - High-power suspended lighting



Materials / components	Pure aluminium thermal dissipater (99.5%) black anodised - Powder painted steel body - Aluminium reflector with high level of reflectivity and sealing of the lens block with tempered glass
Colours	Body colours (dome and body made of pre-formed sheet metal): black or white. Other and RAL specific colours on request, contact us.
Driver	INCLUDED: Standard or DALI, as required
Electrical input characteristics	220-240 VAC / 0,28 A / 50-60 Hz (58 W) 220-240 VAC / 0,4 A / 50-60 Hz (83 W) 220-240 VAC / 0,52 A / 50-60 Hz (108 W)
Power factor	> 0,9
Type of LED	COB high-power LED
MacAdam ellipse	< 3 SDCM
Operating life	L80B10 = 80 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C

○ ● ...



Unit: mm



PRESENTATION OF THE PRODUCT RANGE:

This range has been designed to answer the needs of different lighting projects. Possibility to choose the colours, CRI (Colour Rendering Index) and luminous flux.
The product list below is not exhaustive. Contact us to design the right product for you.

SELECT YOUR PRODUCT:

LUMINOSITY	POWER	CCT	OPTICAL DISTRIBUTION	CRI (mini)	DRIVER
from 6350 lm 8400 lm to 10 000 lm	from 58 W 83 W to 108 W	Warm 2700 K* 3000 K 4000 K 5000 K (CRI 80 only)* 6500 K (CRI 80 only)* Cold	90°	80 or 90 or 97*	Standard or DALI

* on request

A FEW EXAMPLES:

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	CRI	COLOUR	DRIVER	CODE			
58 W CRI90	5100 lm	58 W	88 lm/W	3000 K	90°	90	White	Standard	S1001ST			
				DALI				S1001DA				
	6350 lm		109 lm/W	Standard				S1002ST				
				DALI				S1002DA				
83 W CRI80	8400 lm	83 W	101 lm/W	4000 K		80			Standard	S1003ST		
									DALI	S1003DA		
108 W CRI80	10300 lm	108 W	95 lm/W								Standard	S2001ST
											DALI	S2001DA



LANNIC RANGE



LANNIC is a suspension lighting element with an aluminium reflector compliant with industrial design codes. Particularly suitable for spaces with a high ceiling, LANNIC will give that something extra to your shop, restaurant or industrial-style indoor layout.

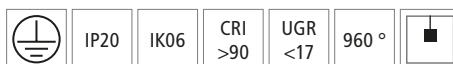
APPLICATIONS

Shops, Supermarkets, Reception and living areas, Restaurants, ...





LANNIC - 42W & 55W



Materials / components	Anodised aluminium lampshade with natural finish - Internal lens block with aluminium reflector protected with a clear tempered glass screen - Lacquered steel body - White supply cable 3x0.75mm², length 2m - Suspension wire in steel L. 3m
Colours	White or black (grey in option)
Driver	INCLUDED: Standard, incorporated into the body of the product
Electrical input characteristics	220-240 VAC / 0,20 A / 50-60 Hz (42 W) 220-240 VAC / 0,22 A / 50-60 Hz (55 W)
Power factor	> 0,9
Type of LED	Citizen COB LED latest generation
MacAdam ellipse	< 3 SDCM
Operating life	L80B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	WEIGHT	CCT	ANGLE	WHITE	BLACK
42 W CRI 90	3920 lm	40 W	98 lm/W	3,25 Kg	3000 K	34°	A3040621WHG	A3040621BKG
	3980 lm		99 lm/W		4000 K		A3040606WHG	A3040606BKG
	3920 lm		98 lm/W		3000 K	60°	A3040620WHG	A3040620BKG
	3980 lm		99 lm/W		4000 K		A3040605WHG	A3040605BKG
55 W CRI 90	4730 lm	52 W	91 lm/W	3,7 Kg	3000 K	34°	A3040741WHG	A3040741BKG
	4800 lm		92 lm/W		4000 K		A3040716WHG	A3040716BKG
	4730 lm		91 lm/W		3000 K	60°	A3040740WHG	A3040740BKG
	4800 lm		92 lm/W		4000 K		A3040715WHG	A3040715BKG

Angle available on request: 18°
DALI driver available on request
Power rating 70W (dome diameter 485mm) on request

Options	Specific colour LED Fruits & vegetables / Bakery / Butcher / Textile
Accessories (sold separately)	Conic steel ceiling rose (white, grey or black) AC110041 - Spherical steel ceiling rose (white, grey or black) AC110051 - Plastic ceiling rose (white or black) AC110080



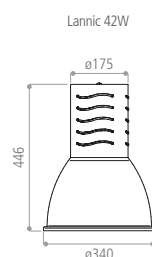
AC110041



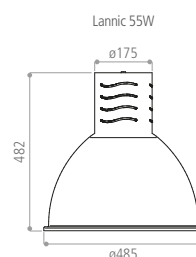
AC110051



AC110080



Lannic 42W



Lannic 55W

Unit: mm



LARMOR RANGE



LARMOR is a suspension lighting element with a coloured prismatic reflector. Particularly suitable for spaces with a high ceiling, LARMOR will give that something extra to your shop, restaurant or interior space thanks to its high luminosity and reflector colour you have chosen.

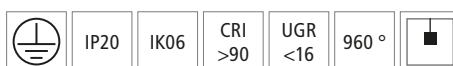
APPLICATIONS

Shops, Supermarkets, Reception and living areas, Restaurants, ...





LARMOR - 42W & 55W



Materials / components	Clear, grooved polycarbonate lampshade - Internal lens block with aluminium reflector protected with a clear tempered glass screen - Lacquered steel body - White supply cable 3x0.75mm ² , length 2m - Suspension wire in steel L. 3m
Colours	White or black (grey in option)
Driver	INCLUDED: Standard, incorporated into the body of the product
Electrical input characteristics	220-240 VAC / 0,20 A / 50-60 Hz (42 W) 220-240 VAC / 0,22 A / 50-60 Hz (55 W)
Power factor	> 0,9
Type of LED	Citizen COB LED latest generation
MacAdam ellipse	< 3 SDCM
Operating life	L80B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C



VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	WEIGHT	CCT	ANGLE	WHITE	BLACK
42 W CRI 90	3920 lm	40 W	98 lm/W	3,25 Kg	3000 K	34°	A3090021WHG	A3090021BKG
	3980 lm		99 lm/W		4000 K		A3090006WHG	A3090006BKG
	3920 lm		98 lm/W		3000 K	60°	A3090020WHG	A3090020BKG
	3980 lm		99 lm/W		4000 K		A3090005WHG	A3090005BKG
55 W CRI 90	4730 lm	52 W	91 lm/W	3,7 Kg	3000 K	34°	A3090141WHG	A3090141BKG
	4800 lm		92 lm/W		4000 K		A3090116WHG	A3090116BKG
	4730 lm		91 lm/W		3000 K	60°	A3090140WHG	A3090140BKG
	4800 lm		92 lm/W		4000 K		A3090115WHG	A3090115BKG

Angle available on request: 18°
DALI driver on request

Options	Specific colour LED Fruits & vegetables / Bakery / Butcher / Textile Coloured polycarbonate diffuser
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Accessories (sold separately)	Conic steel ceiling rose (white, grey or black) AC110041 - Spherical steel ceiling rose (white, grey or black) AC110051 - Plastic ceiling rose (white or black) AC110080
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AC110041



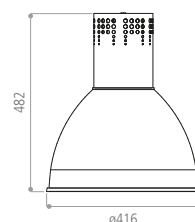
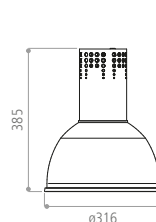
AC110051

Larmor 42W



AC110080

Larmor 55W



Unit: mm



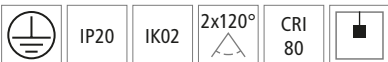
SUNNY SUSPENSION RANGE



SUNNY is a decorative suspension light diffusing a gentle and homogeneous light in its surroundings. Two diameters are available, 400mm and 690mm. The depth of this product (6mm at the edge) gives it a lightweight design, elegantly highlighted by the chrome edges.

APPLICATIONS

Hotels, Restaurants, Reception areas, Retirement homes, Hospitals, ...



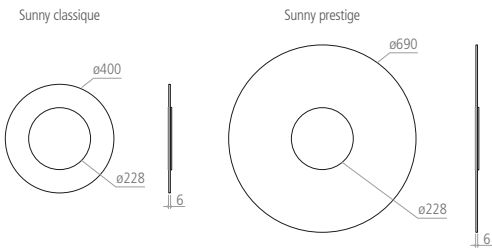
Colours	Core white and edge chromed (other colours available on request)
Driver	INCLUDED: Standard (remote power supply)
Electrical input characteristics	220-240 VAC / 0,1 A / 50-60 Hz
Power factor	> 0,9
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +35°C

SUNNY SUSPENSION CLASSIC - 18W

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CODE
Classic diam. 400 mm	1500 lm	18 W	83 lm/W	3000 K	SSNMZEE2
				4000 K	SSNNZEE2

SUNNY SUSPENSION PRESTIGE - 18W

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CODE
Prestige diam. 690 mm	1700 lm	18 W	94 lm/W	3000 K	SSLMZEE2
				4000 K	SSLNZEE2



Unit: mm



DONOS RANGE

DONOS is a range of decorative suspension lights for an E27 bulb, available in 3 dimensions and a wide range of custom colours. The standard product is proposed in white (RAL 9003) interior / exterior. It is supplied via 2m supply cable and a white cable block and a white painted steel spherical ceiling rose.

APPLICATIONS

Hotels, Restaurants, Reception areas, Retirement homes, ...

DONOS - E27 - S / M / L



Materials / components

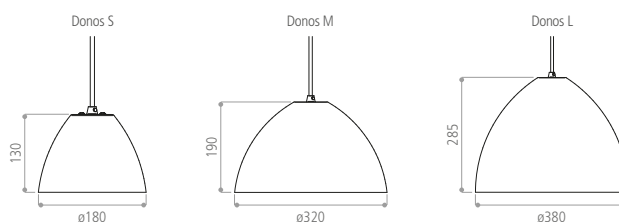
Aluminium body lacquered with polyester powder

VERSION	TYPE OF SOURCE	COLOUR	CODE
DONOS S	E27 (max 60 W)	White RAL 9003 Interior and exterior	H09C4403
DONOS M			H09C4402
DONOS L			H09C4401

Other finish colours (interior and exterior) possible on request, contact us

Options

Black or transparent supply cable.
Supply cable in fabric sleeve: red, light green, black, yellow, dark blue.



Unit: mm

SOURCES

A60 socket E27



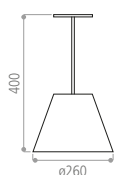
TYPE	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CRI	ANGLE	LIFETIME	DRIVER	CODE
A60 Socket E27	806 lm	9 W	90 lm/W	2700 K	80	230°	15 000 h	Driver 230 VAC incorporated, not dimmable	C13822540
				4000 K					C13822541



LILLY & DAISY SUSPENSION RANGE

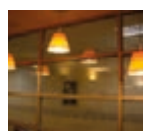
LILLY is compliant with the specifications applicable in buildings which receive the general public (ERP-IGH). It is connected to earth and its lampshade with a white interior surface optimises its output. In the suspended version, it is economical and brightly coloured for nurseries, cafeterias, retirement homes, bars...

DAISY, is a rare suspension light with comprises one or three LED sources, in bright or discrete colours, it is suitable for large volumes (company restaurants/canteens, hotels, residences). The lampshade has an anti-glare under surface made of polycarbonate opal.

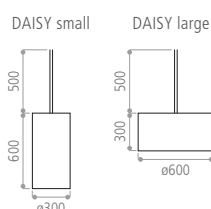


Unit: mm

LILLY SUSPENSION



TYPE OF SOURCE	COLOUR OF HANGING / SUPPLY CABLE	CODE
E27 (max 60 W)	Transparent	SLYZZEE2



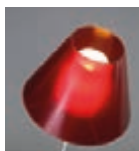
Unit: mm

DAISY SUSPENSION
















VERSION	TYPE	CODE
DAISY small	E27 (max 60 W)	SDSSMEE2
DAISY large	3 x E27 (max 60 W)	SDSBGEE2

LAMPSHADE



Lampshade according to choice below (to be stipulated in the order):

■ Warhol (plastic-coated):	 W1	 W2	 W3	 W4	 W5	 W6	
■ Percelle (fabric):	 P1	 P2	 P3	 P4	 P5	 P6	 P7

SOURCES



A60 socket E27

TYPE	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CRI	ANGLE	LIFETIME	DRIVER	CODE
A60 Socket E27	806 lm	9 W	90 lm/W	2700 K 4000 K	80	230°	15 000 h	Driver 230 VAC incorporated, not dimmable	CI3822540 CI3822541



VINTAGE RANGE

VINTAGE is an indoor suspension system. Its polycarbonate lampshade of vintage design allows you to decorate your space, while at the same time providing high-quality lighting. Supplied with a 150 cm power supply cable.

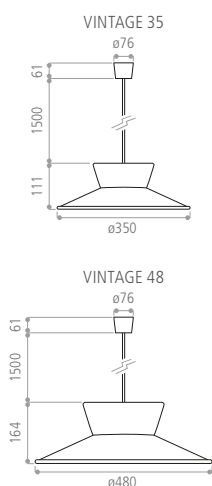
APPLICATIONS

Hotels, Restaurants, Reception areas, Retirement homes, ...

VINTAGE



VERSION	TYPE OF SOURCE	COLOUR	CODE
VINTAGE 35	E27 (max 60 W)	Moulded white	LB1110001
		Orange Deco	LB1110002
		Green Deco	LB1110003
		Turquoise Deco	LB1110004
		Weathered	LB1110005
		Anthracite grey / White	LB1110006
VINTAGE 48		Moulded white	LB1110007
		Orange Deco	LB1110008
		Green Deco	LB1110009
		Turquoise Deco	LB1110010
		Weathered	LB1110011
		Anthracite grey / White	LB1110012



Unit: mm

SOURCES

A60 socket E27



TYPE	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CRI	ANGLE	LIFETIME	DRIVER	CODE
A60 Socket E27	806 lm	9 W	90 lm/W	2700 K	80	230°	15 000 h	Driver 230 VAC incorporated, not dimmable	C13822540
				4000 K					C13822541

Technical

suspension
lights





ROUND PANEL V2



COMFORTABLE LIGHT

High-performance diffuser prevents glare
No heat released under the luminaire
Light diffusion covers 120° with no shadows

A SUSTAINABLE INVESTMENT

Efficient LED design (CRI80, 87 lm/W)
Over 13 years* without maintenance
Significant electricity consumption savings versus fluocompact solutions

A LED LUMINAIRE WITH AN ATTRACTIVE DESIGN

Perfect lighting homogeneity
Circular LED panel 15mm thick
Suspended installation
* 50 000 h, 12 h/day, 6 days/wk

APPLICATIONS

Offices, Shops, Education, ...



International french school «Hung Hom» (Hong Kong)



ROUND PANEL V2 - Ø 600mm 35W

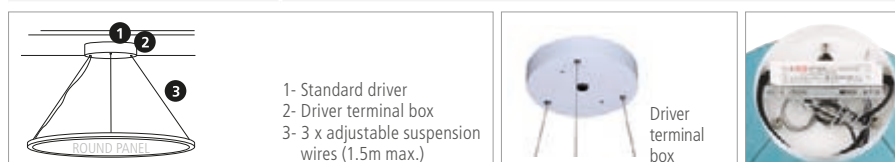


Materials / components	Aluminium frame white RAL 9016 - PMMA diffuser
Driver	INCLUDED, supplied with the accessories KIT to be ordered at the same time
Electrical input characteristics	220-240 VAC / 0,19 A / 50-60 Hz
Power factor	0.95
Type of LED	LED SMD (diffusion from the side)
MacAdam ellipse	< 3 SDCM
Maximum intensity	1082 cd (Neutral White)
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +40°C

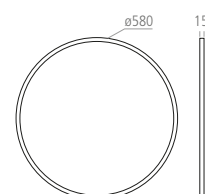
OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CODE
3400 lm	39 W	87 lm/W	4000 K	LRN200743 + LRK200750

Accessories kit included

Accessories kit (supplied separately)	OBLIGATORY and ordered separately: LRK200750 It contains: Standard Meanwell Driver, non-dimmable - Driver box (ceiling fastening distance: 70 mm, screws ø6 mm x2) - 3 x adjustable suspension wires (up to 1.5 m length)
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LRK200750



Unit: mm



LUCIPANEL EVO 2 DOUBLE-SIDE RANGE



THE RIGHT BALANCE BETWEEN ELEGANCE AND COMFORT!

AESTHETIC LED LIGHTING

Perfectly homogenous lighting
Direct - indirect lighting from a 10mm thick LED panel
Suspension mounted

COMFORTABLE LIGHTING

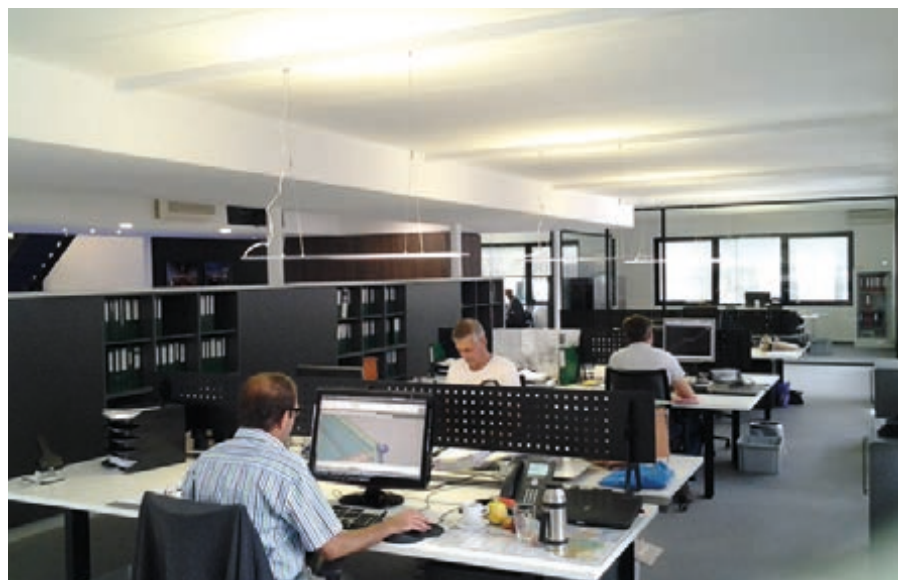
Efficient diffuser to avoid glare
No heat emission under the lamp
120° light dispersion with no shaded zones

A SUSTAINABLE INVESTMENT

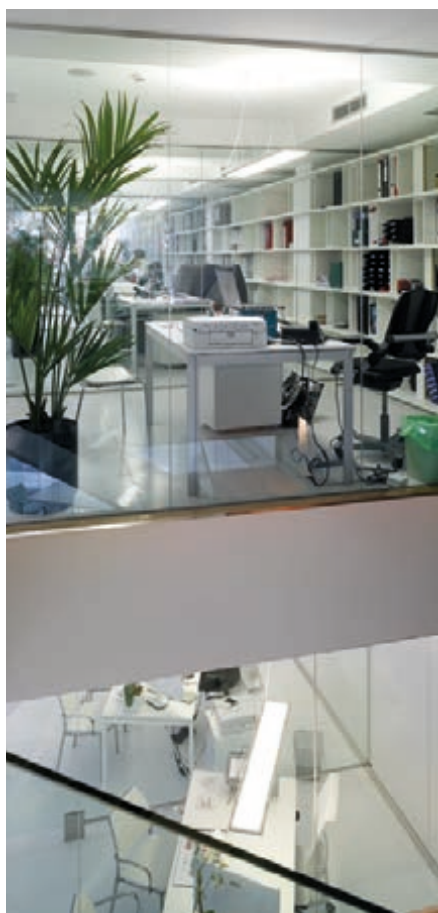
Excellent luminous efficacy (up to 120 lm/W)
Very long lifetime (L80B30 = 80 000 hours at 25°C)
65% electrical power consumption savings (compared to fluorescent tubes)

APPLICATIONS

Offices, Healthcare, Education, ...











FMP, Duffel (Belgium)



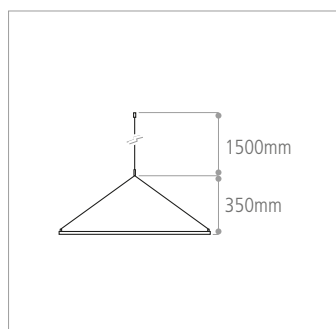
Corp, Barcelona (Spain)

LUCIPANEL EVO 2 DOUBLE-SIDE 32W - 1200x200mm

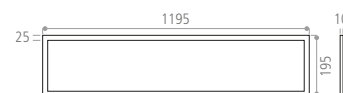


							
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Materials / components	Aluminium frame white RAL 9016 - Polycarbonate diffuser
Driver	NOT INCLUDED, to be ordered separately: Standard driver STD024A Dimmable driver 1-10V LCM-40 (+ dedicated connection cable 1W0065VB) DALI driver LCA45one4all
Electrical input characteristics	220-240 VAC / 0,16 A / 50-60 Hz
Power factor	> 0,9
Type of LED	Samsung 5630
MacAdam ellipse	< 3 SDCM
Maximum intensity	2 x 650 cd (Neutral White)
Operating life	L80B30 = 80 000 h et L70B30 = 135 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C
Accessories	Provided: 1.5 m long suspension wires



OUTPUT LUMINOSITY	POWER CONSUMPTION (WITHOUT DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CODE
3300 lm	31,9 W	103 lm/W	3000 K	LP2W32W122.DF
3690 lm		115 lm/W	4000 K	LP2N32W122.DF
4100 lm		129 lm/W	6000 K	LP2C32W122.DF



Unit: mm



FINELIGHT RANGE



YOU WILL REMARK ITS LINE AND YOU WILL BE ENCHANTED BY ITS LIGHT

The FINELIGHT range differentiates itself from the others by its finesse (35mm² thick) and its visual comfort. Its direct and indirect (30%/70%) lighting enables you to fill the space with light and its latest generation lens prevents glare which renders the sources almost invisible. Once installed in your workplace or reception area, you will be surprised by the beauty of the light and the finesse of the lighting element.

APPLICATIONS

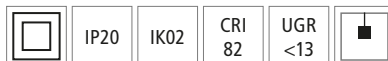
Offices, Meeting rooms, Reception areas, ...



TECHNICAL SUSPENSION LIGHTS



FINELIGHT - 90cm & 160cm



Materials / components	Sheet steel body painted in frosted white
Driver	INCLUDED: Standard or DALI, in external box
Electrical input characteristics	220-240 VAC / 0,27 A / 50-60Hz (55 W) 220-240 VAC / 0,34 A / 50-60Hz (70 W)
Power factor	> 0,9
Type of LED	Osram
MacAdam ellipse	< 3 SDCM
Operating life	L70B10 = 50 000 h (Ta = 25°C)
Operating temperature	-25°C / +35°C
Accessories	Provided: Suspension wires

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	LENGTH	DRIVER	CODE
900 mm 55 W	7600 lm Direct : 2600 lm Indirect : 5000 lm	55 W	138 lm/W	3000 K	900 mm	Standard	SFLMSEE2
				4000 K			SFLNSEE2
				3000 K		DALI/Push	SFLMSGE2
				4000 K			SFLNSGE2
1600 mm 70 W	9650 lm Direct : 3300 lm Indirect : 6350 lm	70 W	138 lm/W	3000 K	1600 mm	Standard	SFLMUEE2
				4000 K			SFLNUEE2
				3000 K		DALI/Push	SFLMUGE2
				4000 K			SFLNUGE2

Metallic grey or granite black versions on request

Options	Presence and luminosity detector incorporated
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Unit: mm



S-LINE RANGE



AESTHETIC LIGHTING

Fine, overhead light line (less than 3 cm wide)

Concealed electric wires thanks to their incorporation into the suspension wire

CUSTOMISED PERFORMANCE

Homogeneous and comfortable light diffusion

Operating life 50 000 h (L70B50)

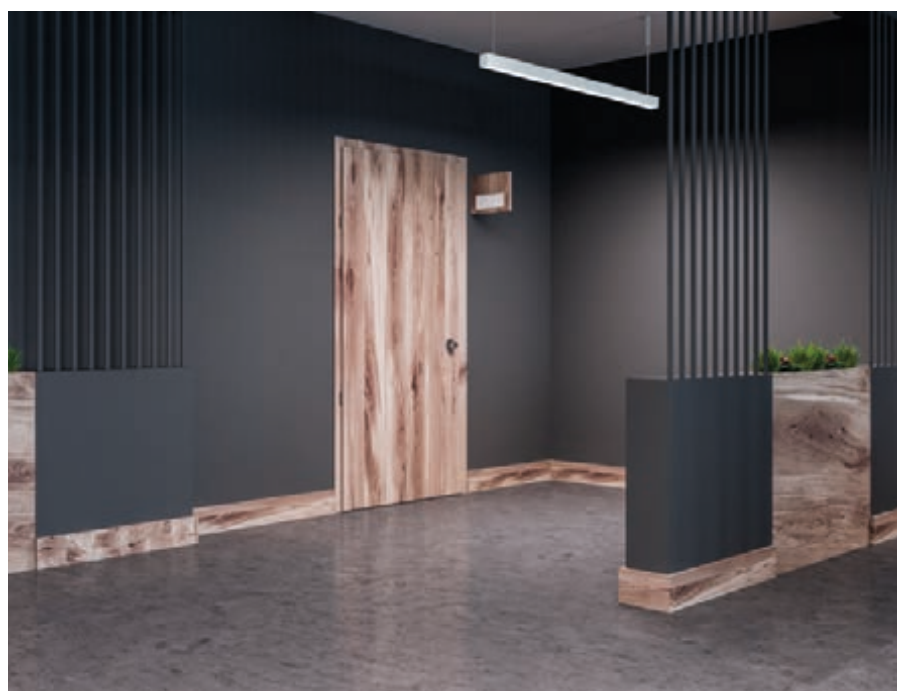
EASY TO USE

Suspended installation

Standard or 1-10V driver installed in the false ceiling

APPLICATIONS

Offices, Shops, Reception areas, ...





S-LINE - 1m & 2m - 120°

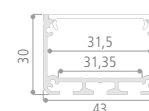


Materials / components	Anodised aluminium profile rail - Misted PMMA diffuser
Driver	INCLUDED: Standard or Dimmable 1-10V, remote, as required (brand ELT or Meanwell)
Electrical input characteristics	220-240 VAC / 0,1 A / 50-60 Hz (1 m) 220-240 VAC / 0,2 A / 50-60 Hz (2 m)
Power factor	> 0,9
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-25°C / +35°C
Accessories	Provided: Suspension kit The suspension wires enable passage of power supply wires - Wire length: 1.5m

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	LENGTH	DRIVER	CODE
1 m 21 W	1780 lm	21 W	85 lm/W	3000 K	970 mm	Standard	SLW21A970ST
	1890 lm		90 lm/W	4000 K			SLN21A970ST
	1780 lm		85 lm/W	3000 K		1-10V	SLW21A970DM
	1890 lm		90 lm/W	4000 K			SLN21A970DM
2 m 42 W	3670 lm	42 W	87 lm/W	3000 K	1980 mm	Standard	SLW42A1980ST
	3900 lm		92 lm/W	4000 K			SLN42A1980ST
	3670 lm		87 lm/W	3000 K		1-10V	SLW42A1980DM
	3900 lm		92 lm/W	4000 K			SLN42A1980DM

Black or white versions on request
DALI and embedded driver box versions on request

Lengths: 970 mm and 1980 mm



Unit: mm



CORDELINE RANGE



THE MODULAR LIGHTING LINE WITH INFINITE POSSIBILITIES!

MODULAR AND AESTHETIC RANGE

Perfectly continuous line

Easy installation and maintenance facile with clip-on modules

5m long primary rails to ensure fast and perfectly straight installation

A WIDE RANGE OF PRODUCTS

2 different lengths which may be combined

8 different lenses for efficient illumination for all configurations

Different LED power ratings to adapt to various ceiling heights

AN ENERGY SAVING SOLUTION

Lighting efficiency up to 160 lm/W

Very long operating life up to 70,000 h L80B10

Possibility of incorporating presence and luminosity detectors into the line for intelligent lighting management (centralised or stand-alone)

APPLICATIONS

Supermarkets, Shops, Warehouses, Production zones, ...



Tape à l'oeil, Roncq (France)



CORDELINE



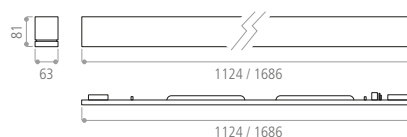
Materials / components	Folded sheet steel body - PMMA lens
Driver	INCLUDED: Standard or DALI
Power factor	> 0,9
MacAdam ellipse	< 3 SDCM
Operating life	Less than 28 W/m : L80B10 = 70 000 h (Ta = 25°) More than 28 W/m : L80B10 = 50 000 h (Ta = 25°)
Operating temperature	-20°C / +35°C



VERSION	OUTPUT LUMINOSITY	POWER	CCT	DRIVER
1124 mm	3200 lm	18 W/m	3000 K or 4000 K	Standard or DALI
	4000 lm	28 W/m		
	6000 lm	41 W/m		
	8000 lm	58 W/m		
1686 mm	4800 lm	18 W/m		
	6000 lm	28 W/m		
	9000 lm	41 W/m		
	12000 lm	58 W/m		

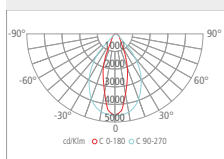
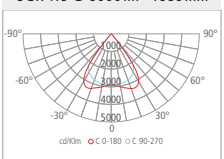
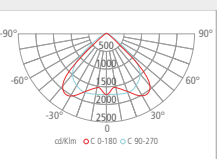
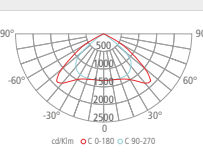
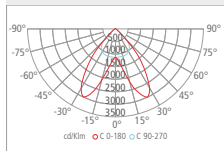
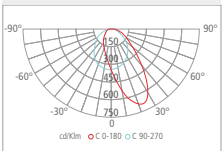
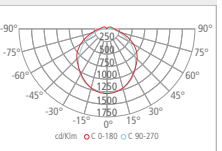
Project costing on request

Options	Flush-mounting accessories
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Unit: mm

LENS AVAILABLE:

INTENSIVE 32° (NB) 	MEDIUM 74° (MB) UGR<19 @ 6000lm - 1686mm 	WIDE 88° (WB) 	ULTRA WIDE 111° (UWB) 
DOUBLE ASYMMETRIC 2x24° (DA) 	ASYMMETRIC 25° (A) 	OPAL DIRECT/INDIRECT 96° (O-DI) 	MB-O WB-O DA-O same photometry but with a slightly opal effect for greater visual comfort

ine hygiene

feminine care

incontinence
hair accessories

body + beauty

shaving needs

deodorant

skincare

bodywash + soap

cosmetics

nail care

cotton

fabrics



body+beauty





LINEO SUSPENDED RANGE



A DISCRETE AND EFFICIENT LED LINE

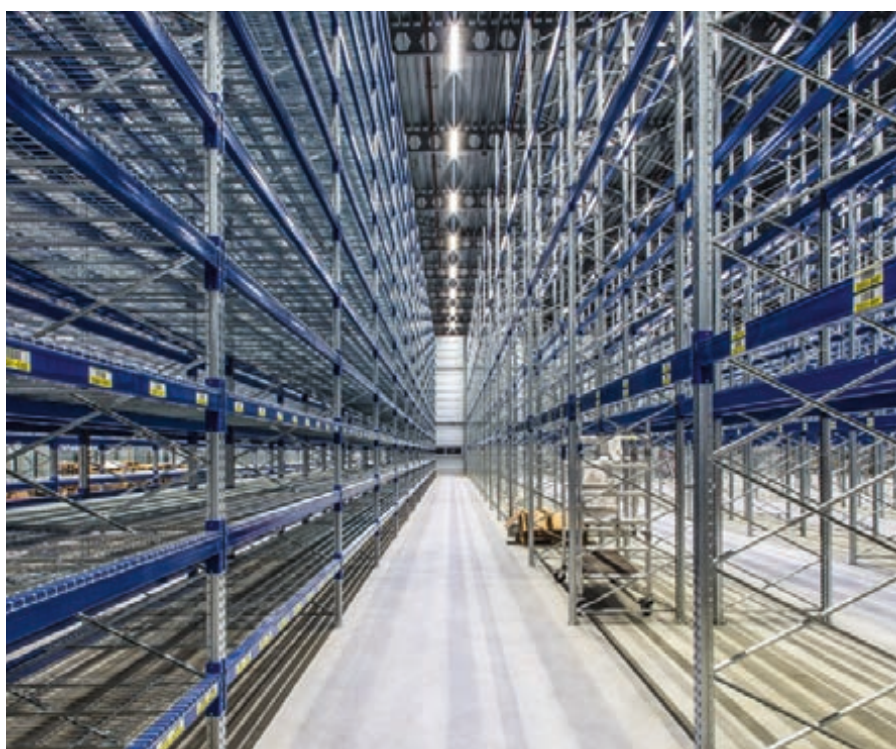
LINEO LED is a LED lighting line designed to be suspended (optional surface-mounting possible). It offers excellent lighting quality (up to 140lm/W) for such an integrated product (5cm on each side). The range comprises:

- 2 power ratings (48W & 66W)
- 2 LED colours (3000K and 4000K)
- 4 different lenses (60°, 90°, Asymmetric, Double Asymmetric)

Robust and efficient, the LINEO is ideal to replace fluorescents tubes 2x58W for medium and high ceiling heights.

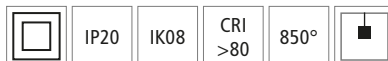
APPLICATIONS

Industry, Warehouses, Shops, ...





LINEO 48W & 66W



Materials / components	Body made of aluminium sheet painted with fine-texture white RAL 9016 - Lens made of extruded PMMA
Driver	INCLUDED: Standard, incorporated into the body of the product
Electrical input characteristics	220-240 VAC / 0,23 A / 50-60 Hz (48W) 220-240 VAC / 0,32 A / 50-60 Hz (66W)
Power factor	> 0,9
Type of LED	LED LG latest generation
MacAdam ellipse	< 3 SDCM
Operating life	L70B10 = 50 000 h (Ta = 25°C)
Operating temperature	-25°C / +35°C
Accessories	Provided: Suspension wires 2m

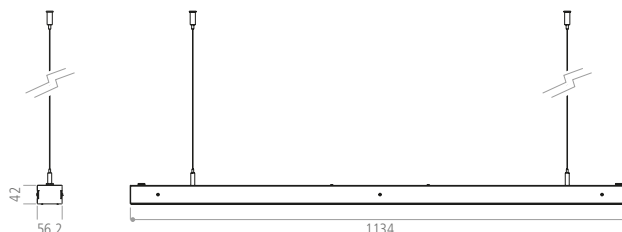
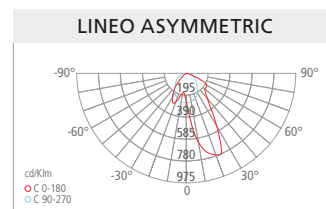
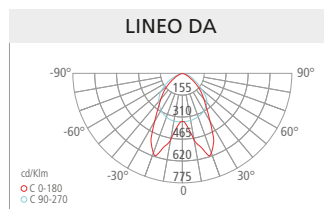
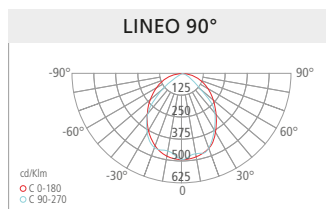
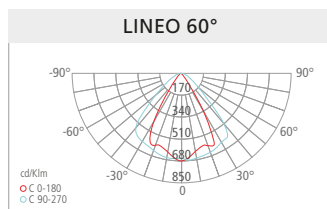


VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	WEIGHT	CCT	ANGLE 60°	ANGLE 90°	ANGLE DA*	ANGLE ASYMMETRIC
48 W 1120 mm	6300 lm	46,7 W	135 lm/W	3 Kg	3000 K	LNS4811W60.WST	LNS4811W90.WST	LNS4811WDY.WST	LNS4811WSY.WST
	6500 lm		140 lm/W		4000 K	LNS4811N60.WST	LNS4811N90.WST	LNS4811NDY.WST	LNS4811NSY.WST
66 W 1120 mm	8100 lm	66,2 W	122 lm/W		3000 K	LNS6611W60.WST	LNS6611W90.WST	LNS6611WDY.WST	LNS6611WSY.WST
	8300 lm		125 lm/W		4000 K	LNS6611N60.WST	LNS6611N90.WST	LNS6611NDY.WST	LNS6611NSY.WST

* DA = Double Asymmetric

Version for surface mounting installation on request

Version with high-temperature driver (<60°C) on request

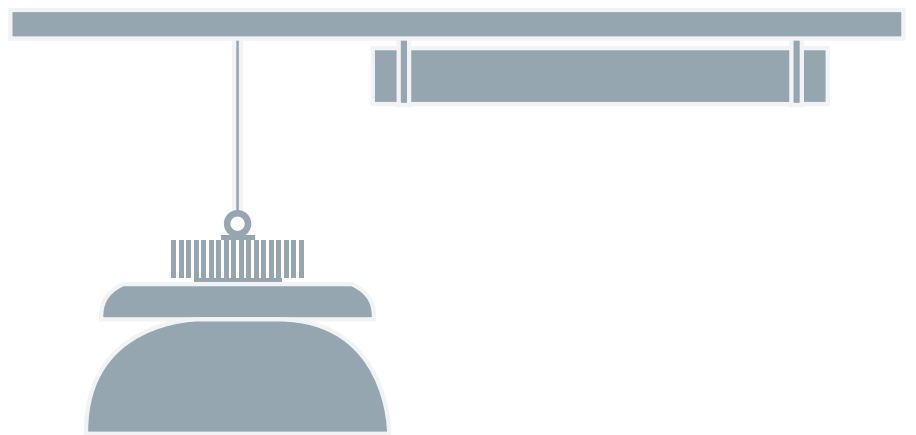


Unit: mm

Industrial

Sealing

& framing





TUBULAR RANGE



EASY TO CLEAN

Cylindrical shape to avoid deposits
Smooth polycarbonate tube to prevent dust accumulation
IP65 resistance for high-pressure cleaning (IP66 AND IP67 in option)

A SUSTAINABLE INVESTMENT

Durable materials: treated UV-resistant polycarbonate and stainless steel
Resistance to external aggressions: Impact (IK10) and salt mist
Designed to function between -30°C and +45°C

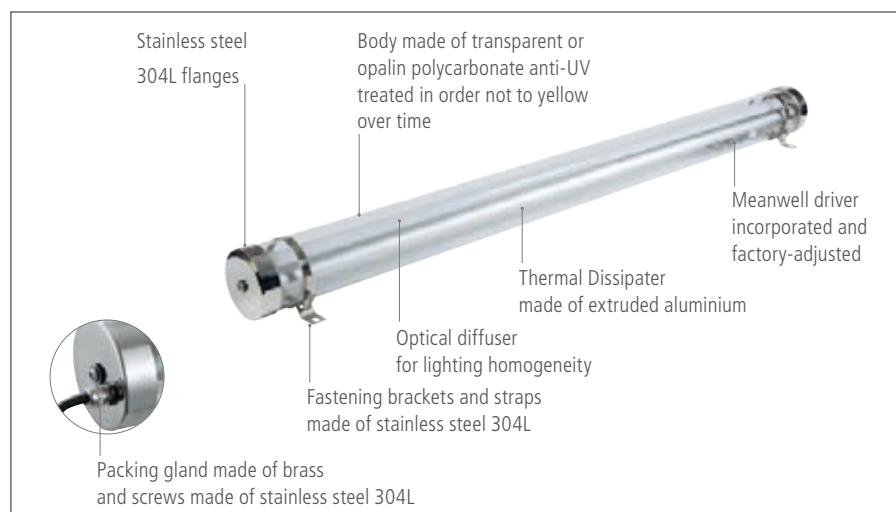
EASY TO USE

Mounting facilitated by 2 sliding stainless steel flanges
Integrated independent supply and pre-wired luminaire
LED design for over 5 years without maintenance*

* 24/24 h , 7/7 days

APPLICATIONS

Industry, Exterior lighting, Cold storage chambers, ...





TUBULAR EVO - 120cm 35W & 50W - 120°



Driver	INCLUDED: Standard, Dimmable 1-10V or DALI, as required (incorporated into the body of the product)
Electrical input characteristics	230 VAC / 0,18 A / 50-60 Hz (35 W) 230 VAC / 0,23 A / 50-60 Hz (50 W)
Power factor	> 0,9
Type of LED	104 LED Seoul SC
MacAdam ellipse	< 3 SDCM
Maximum intensity	1430 cd (35 W) 1900 cd (50 W)
Operating life	EVO 35W version L90B10 = 70 000 h (Ta = 25°C) EVO 50W version L90B10 = 50 000 h (Ta = 25°C)
Operating temperature	-30°C / +45°C
Accessories	Provided: 2 stainless steel straps with variable centre to centre distance for wall or ceiling fastening



Power supply incorporated



Transparent diffuser



Opal diffuser

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	DIFFUSER	DRIVER	CODE
120 cm 35 W	4900 lm	35 W	140 lm/W	4000 K	Transparent	Standard	TBEN3512.ST
	4800 lm		137 lm/W		Opal		TBEN3512.OP
	4900 lm		140 lm/W		Transparent	1-10V	TBEN3512.DM
	4900 lm		140 lm/W		Transparent	DALI	TBEN3512.DA
120 cm 50 W	6500 lm	50 W	130 lm/W	4000 K	Transparent	Standard	TBEN5012.ST
	6350 lm		127 lm/W		Opal		TBEN5012.OP
	6500 lm		130 lm/W		Transparent	1-10V	TBEN5012.DM
	6500 lm		130 lm/W		Transparent	DALI	TBEN5012.DA

1-10 V, DALI and IP66 opal version, 3000 K and 6000 K, contact us

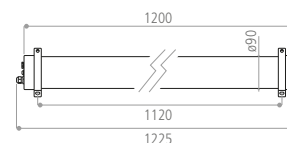
Accessories (pre-assembled)

Quick insulation displacement connector IP68 (as extension and splitter)

Pre-mounted extension with gland for cable diameters 8-13 mm²
Reference : add suffix **CP**
to the product code (example: TBEN3512.STCP)



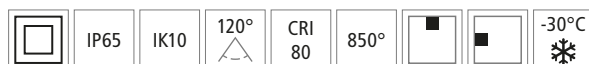
Pre-assembled T-junction with 2 glands for cable diameters 8-13 mm²
Reference : add suffix **CT**
to the product code (example: TBEN3512.STCT)



Unit: mm



TUBULAR - 60cm 24W & 150cm 55W - 120°



Driver	INCLUDED: Standard, Dimmable 1-10V or DALI, as required (incorporated into the body of the product)
Electrical input characteristics	230 VAC / 0,11 A / 50-60 Hz (24 W) 230 VAC / 0,255 A / 50-60 Hz (55 W)
Power factor	> 0,9
Type of LED	84 LED Samsung (24 W) 252 LED Samsung (55 W)
MacAdam ellipse	< 3 SDCM
Maximum intensity	790 cd (24 W) 1795 cd (55 W)
Operating life	L80B10 = 50 000 h (Ta = 25°C)
Operating temperature	-30°C / +45°C
Accessories	Provided: 2 stainless steel straps with variable centre to centre distance for wall or ceiling fastening



Power supply incorporated



Transparent diffuser



Opal diffuser



VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	WEIGHT	DIFFUSER	DRIVER	CODE
60 cm 24 W	2650 lm	24,1 W	110 lm/W	4000 K	1,6 Kg	Transparent	Standard	TBN2406.ST
	2550 lm		106 lm/W			Opal		TBN2406.OP
	2650 lm		110 lm/W			Transparent	1-10V	TBN2406.DM
	2650 lm		110 lm/W			Transparent	DALI	TBN2406.DA
150 cm 55 W	6150 lm	56,2 W	110 lm/W	4000 K	2,8 Kg	Transparent	Standard	TBN5515.ST
	6050 lm		108 lm/W			Opal		TBN5515.OP
	6150 lm		110 lm/W			Transparent	1-10V	TBN5515.DM
	6150 lm		110 lm/W			Transparent	DALI	TBN5515.DA

1-10 V, DALI and IP66 opal version, 3000 K and 6000 K, contact us

Accessories (pre-assembled)

Quick insulation displacement connector IP68 (as extension and splitter)

Pre-mounted extension with gland for cable diameters 8-13 mm²
Reference : add suffix **CP**
to the product code (example: TBN2406.STCP)



Pre-assembled T-junction with 2 glands for cable diameters 8-13 mm²
Reference : add suffix **CT**
to the product code (example: TBN2406.STCT)



Unit: mm



TUBULAR ACCESSORIES AND MADE-TO-MEASURE

FASTENING SYSTEMS, accessories sold separately

- Stainless steel 304 supports with threaded rod (2 pieces) - **STUB002**
- Stainless steel 304 supports, drilled (2 pieces) - **STUB003**
- Hook-on strap - **STUB004**
- Suspension wires , 3 m (2 pieces) - **FTU3MX2**



OPTIONS, CONTACT US

- Movement detector
- Movement and luminosity detector
- IP66
- IP67
- Marine version: Stainless steel 316L straps and end pieces
- Cataphoresis treatment for use in a swimming pool environment
- Diffuser with grid
- High-temperature driver, standard (max. Ta 70°C)
- High-temperature driver, DALI (max. Ta 70°C)



CONNECTIONS AND CUSTOMISATION, contact us

- Possibility to customise the primary connections in our Barentin production site
- Transverse wiring with 1 m cable at each end
- Blue, red or green LED for indications





Laboratoire Pierre Fabre (technical workshop), Gaillac (France)



TUBULAR 590 NM RANGE



PROTECT YOUR WINES FROM TASTE CHANGING LIGHT!

A ROBUST PRODUCT

Flange made of stainless steel 304L with no risk of corrosion in a humid environment
IP65 resistance for high-pressure cleaning
Smooth polycarbonate tube to avoid deposit

A DEDICATED LIGHT

LED 590 nm suitable for the lighting of wines and champagnes
LED CREE high-quality with colour durability
Diffuser guaranteeing homogeneous rendering

EASY TO USE

Pre-wired lighting element with self-stripping, disconnectable, watertight connectors
Easy mounting with 2 stainless steel brackets with adjustable width setting
LED design for over 15 years without maintenance*
* 10 h / day , 5 days / 7

APPLICATIONS

Wine and champagne cellars

TUBULAR 590 NM

A lighting element compliant with qualification protocol conditions for amber lights used for the storage of bottles imposed by the Champagne Committee.





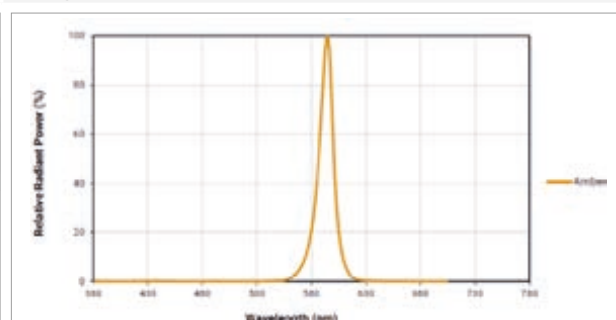
TUBULAR 590 NM - 60cm 22W - 120°



Materials / components	Fastening brackets and end caps made of stainless steel 304L - Transparent polycarbonate diffuser - Stainless steel packing gland PG9
Driver	INCLUDED: internal Meanwell driver - Supplied pre-wired with a 1m cable (2 x 1,15 mm ²)
Electrical input characteristics	230 VAC / 0,10 A / 50-60 Hz
Power factor	> 0,9
Type of LED	Cree 590 nm
MacAdam ellipse	< 3 SDCM
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C
Accessories	Provided: 2 stainless steel straps with variable centre to centre distance for wall or ceiling fastening



Power supply incorporated



OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CODE
725 lm	22,5 W	32 lm/W	590 nm monochromatic	TBN2206.590
Product listing includes an hermetic T-junction (IP68)				TBN2206.590CT

Accessories (sold separately)	Stainless steel 304 supports (2 pieces) STUB002 - Stainless steel 304 supports (2 pieces) STUB003 - Hook-on strap STUB004 - Suspension wire - 3 m (2 pieces) FTU3MX2
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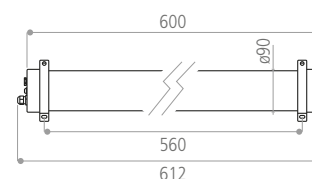


STUB002

STUB003

STUB004

FTU3MX2



Unit: mm



AMBER & WHITE TUBULAR - 60cm - 120°

Amber (590 nm) and Neutral White (4000 K)

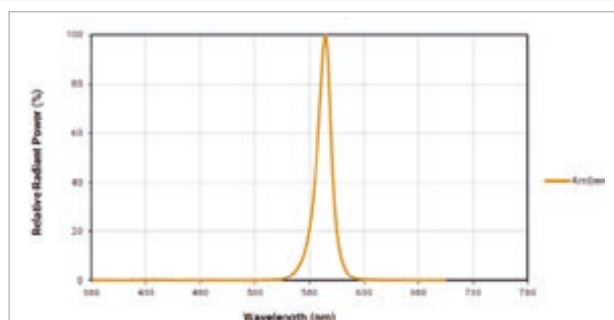
PROTECT YOUR WINES FROM TASTE CHANGING LIGHT AND GUARANTEE VISUAL COMFORT IN THE PRODUCTION ZONE!



Materials / components	Fastening brackets and end caps made of stainless steel 304L - Opal polycarbonate diffuser - Stainless steel packing gland PG 9
Characteristics	A lighting element specifically designed for the conservation or production of your wines: > Two operating modes: Neutral White (4000K) and Amber 590 nm > The opal diffuser guarantee homogeneous lighting
Driver	INCLUDED: Sold with 2 internal drivers - Supplied pre-wired with 2 x 1m cable (2 x 1.5 mm²) and 2 watertight connectors, unpluggable and self-stripping Double switching for two separate and alternatively controlled circuits
Electrical input characteristics	230 VAC / 0,10 A / 50-60 Hz (Amber - 22 W) 230 VAC / 0,11 A / 50-60 Hz (White - 24 W)
Power factor	> 0,9
Type of LED	Amber version (590 nm): Cree 590 nm Neutral white version (4000 K): Samsung (4000 K)
MacAdam ellipse	< 3 SDCM
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C
Accessories	2 stainless steel straps (provided) with variable centre to centre distance for wall or ceiling fastening



Power supply incorporated



VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CODE
Amber	725 lm	22,5 W	32 lm/W	590 nm monochromatic	TBDN2206.590
White	2550 lm	24,1 W	106 lm/W	4000 K	

Accessories (sold separately)	Stainless steel 304 supports (2 pieces) STUB002 - Stainless steel 304 supports (2 pieces) STUB003 - Hook-on strap STUB004 - Suspension wire - 3 m (2 pieces) FTU3MX2
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STUB002



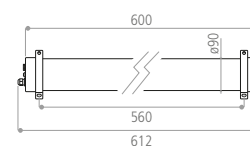
STUB003



STUB004



FTU3MX2



Unit: mm

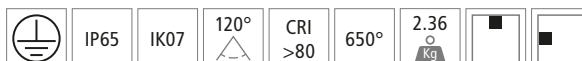


LUCIFLOOD AMBER 590 NM

PROTECT YOUR WINES FROM TASTE CHANGING LIGHT!

APPLICATIONS

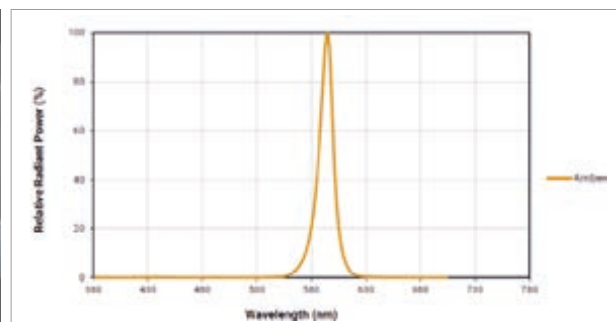
Ideal for cellars or concrete alcoves



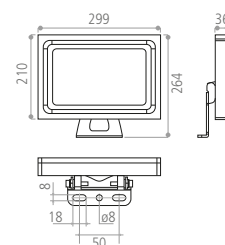
Materials / components	Moulded aluminium body - Tempered glass screen - Polished aluminium reflector
Driver	INCLUDED: Tridonic driver incorporated - long operating life
Electrical input characteristics	230 VAC / 0,17 A / 50-60 Hz
Power factor	> 0,95
Type of LED	Cree 590 nm
MacAdam ellipse	< 3 SD CM
Operating life	L80B10 = 60 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C



View of the Amber LED



OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CODE
1100 lm	36 W	30 lm/W	590 nm monochromatic	FL36W590



Unit: mm



ETANCHE IPOP RANGE



EASY INSTALLATION WITHOUT THE NEED OF TOOLS

Easy installation with two clipsable brackets
Connections inside the lighting element with Wago plug-in connectors
End cap clips-on system guaranteeing product watertightness and fast installation

HIGH-PERFORMANCE LIGHTING

Excellent lighting efficiency (110 lm/W)
A true equivalence of 2x36W and 2x58W
Operating life 50 000 h (L80B10)

HIGH-RESISTANCE LIGHTING

Bi-extruded body, anti-UV treated
Resistance IP65 to high-pressure cleaning
Shock resistance IK08

APPLICATIONS

Industry, Exterior lighting, ...





ETANCHE IPOP - 120cm 44W & 150cm 65W - 120°



Materials / components	Bi-extruded polycarbonate body - Moulded polycarbonate end caps - Sheet metal LED support - Steel fastening clips - Opal diffuser
Driver	INCLUDED: Standard, incorporated into the body of the product - Brand KRS
Electrical input characteristics	230 VAC / 0,21 A / 50-60 Hz (44 W) 230 VAC / 0,31 A / 50-60 Hz (65 W)
Power factor	0.98
Type of LED	LED Samsung
MacAdam ellipse	< 3 SDCM
Operating life	L80B10 = 50 000 h (Ta = 25°C)
Operating temperature	-25°C / +45°C
Accessories	Provided: 2 fastening brackets with variable centre to centre distance along the product



Sliding board and rapid connector



Clip-on end cap



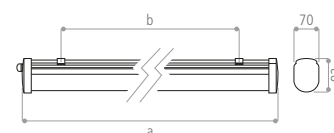
Variable centre to centre distance on fastening supports

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	WEIGHT	WIRING	CODE
120 cm 44 W	4800 lm	43,8 W	110 lm/W	4000 K	1 Kg	1 side	EN4412.ST
						Crossing	EN4412.STTR
150 cm 65 W	6800 lm	64,4 W	106 lm/W		1,25 Kg	1 side	EN6515.ST
						Crossing	EN6515.STTR

1-10V, DALI version, contact us

Dimensions (mm):

Version	a	b (maximum C-to-C distance)
120 cm	1280	1000
150 cm	1580	1300





TUBATEX RANGE



A SIMPLE AND RESISTANT TUBULAR

A sober and pure design

An envelop of high-resistance tempered glass

Two aluminium ends rendering the lighting unit resistant over time

Protection index IP66 adapted to hostile and demanding environments

A LONG-LASTING AND PRACTICAL LIGHT

Easy maintenance thanks to the use of standard consumables

Long-life electronic choke

UV and solvents resistant glass for easy cleaning

APPLICATIONS

Industry, Exterior lighting, ...





TUBATEX - 80cm 24W - 120°

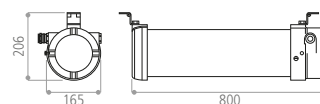


Materials / components	Aluminium alloy - Transparent tube made of reinforced glass
Driver	INCLUDED: Standard, incorporated into the body of the product
Electrical input characteristics	230 VAC / 0,11 A / 50-60 Hz
Power factor	> 0,9
Type of LED	LED Seoul SC
MacAdam ellipse	< 3 SDCM
Maximum intensity	790 cd
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +40°C

Characteristics	Gas and Dust protection group: Ex II 2 GD Marking: Ex d IIC T6 Gb - Ex t IIIC T85°C Db
Standards	EN / IEC 60079-0 General rules. EN / IEC 60079-1 Anti-explosion envelop « d ». EN / IEC60079-31 Dust « t ». EN / IEC61241-0 General rules. EN / IEC 61241-1 Anti-explosion envelop « tD ». EN 60529 Protection index IP. EN 60598-1 - Lighting. EN 55015 - Radio-electric interference. EN 60598-2-22 - Emergency back-up lighting. EN 61547 - EMC immunity.

OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CODE
2440 lm	23 W	106 lm/W	4000 K	ATEX2408N.ST

1-10V, DALI version, contact us



Unit: mm



LUCIBAY DISC II + RANGE



THE IDEAL SPOTLIGHT FOR LARGE HEIGHTS

A range from 14 000 to 28 000 lm depending on the application

Several lenses 90° and 60° (as an option)

Can be suspended or surface-mounted

A ROBUST, HIGH PERFORMING PRODUCT

High lighting efficiency: 140 lm/W

Resists impacts (IK10) and humidity (IP65)

Dimmable driver Meanwell 1-10 V high temperature guaranteeing correct operation of the luminaire between -20° and +45°C

A SUSTAINABLE INVESTMENT

40% in savings versus metal iodide products at the same lighting level

Operating life 100 000 h L70B50

Instantaneous illumination

APPLICATIONS

Industry, Showrooms, Exterior lighting, ...



Intrion, Huizingen (Belgium)



LUCIBAY DISC II +



Materials / components	Aluminium body, matt black finish - Tempered glass screen - Packing gland PG9 - Screws made of stainless steel
Driver	INCLUDED: Dimmable 1-10V, incorporated into the body of the product - Brand Meanwell
Electrical input characteristics	90 - 305 VAC / 50-60 Hz
Power factor	> 0,95
Type of LED	SMD de Nichia
MacAdam ellipse	< 3 SDCM
Operating life	L70B50 = 100 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C
Accessories	Fastening hook



VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CODE
100 W	14 000 lm	98 W	140 lm/W	4000 K	BDN100WB+
150 W	22 000 lm	157 W			BDN150WB+
200 W	28 000 lm	200 W			BDN200WB+

Options	Dust-protected version, available on request
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Accessories (sold separately)	60° black reflector (h.150mm / ø355mm) RFB60D - 70° transparent reflector (h.275mm / ø410mm) RFT70D - Stirrup bracket WMFD2
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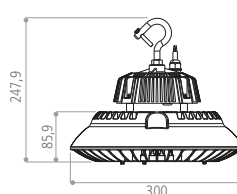


RFB60D

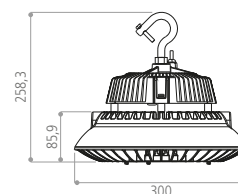
RFT70D

WMFD2

LuciBay Disc II 100W & 150W



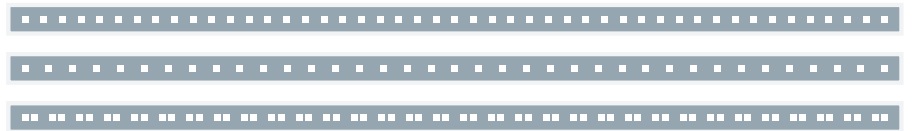
LuciBay Disc II 200W



Unit: mm

Linears

Linears





LED R66 RANGE



THIS IS NOT A LIGHT JUST LIKE THE OTHERS > ITS NEW LED TECHNOLOGY OFFERS A TRUE LIGHTING LINE

The unique feature of the LED R66 is that it is not composed of lighting points but a true, discontinuous lighting line, guaranteeing perfect regularity and homogeneous luminescence, unequalled in this type of product.

The innovative manufacturing process enables the creation of LED lines with a width of 1.5mm and a colorimetry, efficiency and homogeneity at the highest level available on the market today.

Thanks to its technology, this LED R66 line opens up doors to new and unexplored applications.

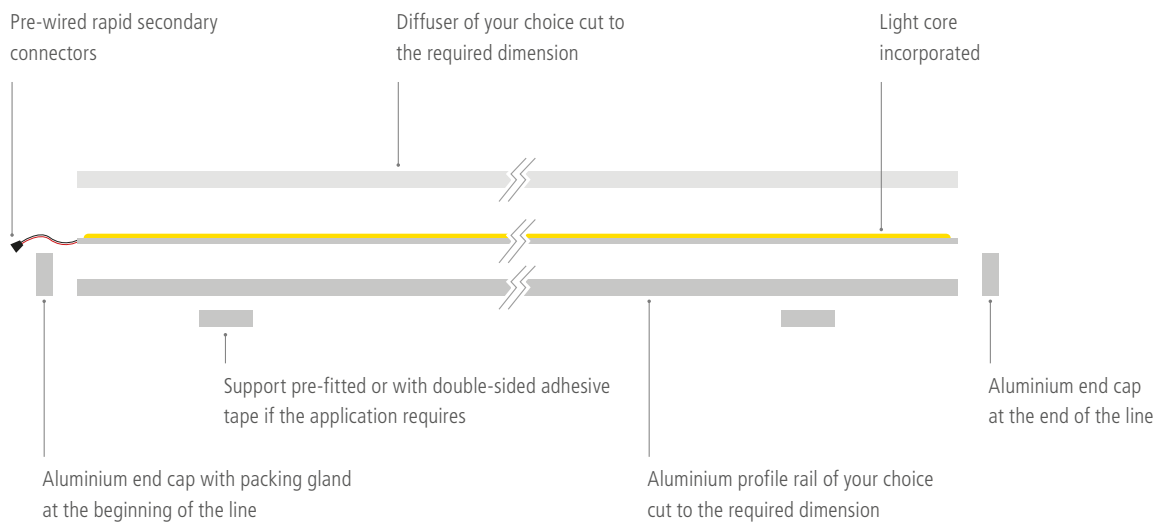
FOR EACH OF THE APPLICATIONS:

The LED line is supplied assembled in accordance with your specifications and arrives on site ready to be fitted guaranteeing a professional integration into the surrounding environment.

THE LUXITIS LINE RANGE IS TOTALLY ASSEMBLED IN FRANCE AT OUR PRODUCTION SITE IN BARENTIN (NORMANDY)



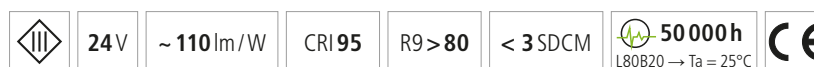
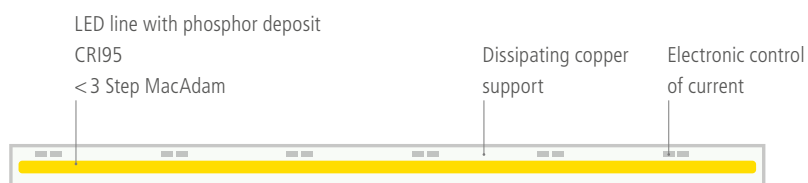
LED R66 RANGE - CUSTOMISED ASSEMBLY



LED R66



- > A lighting line range for perfectly regular and homogeneous lighting.
- > **Application :** Elegant presentation of a specific zone, space, path, object, work of art...



Operating temperature -20° ; +45°C



VERSION	LUMINOSITY / METER	POWER / METRE	LIGHTING EFFICIENCY	CCT	IP	CODE
R66	1000lm/m	10,5W/m	95lm/W	2700 K	IP20	R66-1000-2700-IP20
	1000lm/m	9,5W/m	105lm/W	3000 K	IP20	R66-1000-3000-IP20
	1000lm/m	8,7W/m	115lm/W	4000 K	IP20	R66-1000-4000-IP20
R66+	2300lm/m	22,7W/m	101lm/W	2700 K	IP20	R66-2500-2700-IP20
	2400lm/m	22,5W/m	108lm/W	3000 K	IP20	R66-2500-3000-IP20
	2600lm/m	22,1W/m	118lm/W	4000 K	IP20	R66-2500-4000-IP20



LINEAR PRO RANGE



A COMPLETE RANGE OF STRIPS AND PROFILES

Many colour options and dynamic versions available
Multiple luminous efficiencies for all applications
Wide range of profiles for every sort of installation

A CUSTOMIZED ASSEMBLY ACCORDING TO YOUR NEEDS

Ordering a unique, fast and accurate solution
Factory assembly of the linear and associated accessories
Receiving a pre-assembled complete unit

A SIMPLIFIED INSTALLATION FOR A LUMINOUS RESULT

An easy installation with professional finishing
A lifetime to ensure no-maintenance for 10 years
Lighting adapted to meet customer needs



Joa Casino, Montrond les Bains (France)

LINEAR PRO RANGE - CUSTOMISED ASSEMBLY

THE LINEAR PRO RANGE IS TOTALLY ASSEMBLED IN FRANCE AT OUR PRODUCTION SITE IN BARENTIN (NORMANDY)



3 types of diffuser:

transparent, diffuse, opal

6 type of colours:

3000K, 4000K, 6000K, RGB, Amber, Pink

5 powers available:

5W/m, 10W/m, 15W/m, 20W/m, 30W/m

2 protection ratings:

IP20, IP65

13 profiles :

recessed, mounted, corner, slim, shelf, deep, wide

5 possible finishes:

white, black, stainless steel, aluminium (anodized), aluminium (raw)

Finishing accessories

associated with the profile: white, black, grey, stainless steel

Fixing accessories

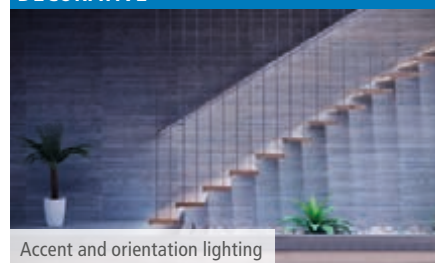
associated with the profile: white, black, transparent

2 types of power supply:

standard and dimmable

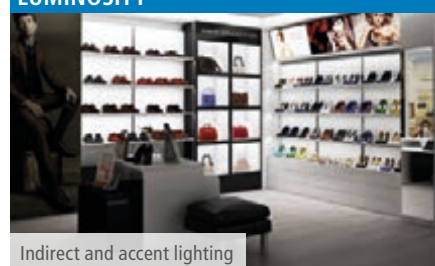


DECORATIVE



Accent and orientation lighting

LUMINOSITY



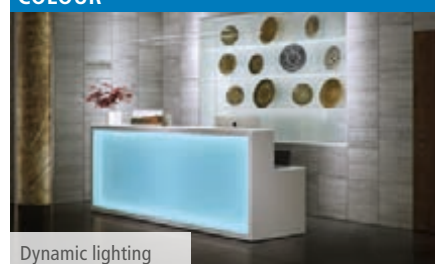
Indirect and accent lighting

HIGH LUMINOSITY



General lighting







COLOUR



Dynamic lighting

The pre-assembled linears can reach a maximum length of 2 meters.

Beyond this length, the modules will be placed end-to-end and connected by quick connectors.

	DECORATIVE	LUMINOSITY	LUMINOSITY +	HIGH LUMINOSITY	HIGH LUMINOSITY +	COLOUR
Visual						
Power consumption / meter	5 W/m	10 W/m	15 W/m	20 W/m	30 W/m	15 W/m
CCT	● 3000 K ● 4000 K ● 6000 K	● 3000 K ● 4000 K ● 6000 K	● 3000 K ● 4000 K ● 6000 K	● 3000 K ● 4000 K ● 6000 K	● 3000 K ● 4000 K ● 6000 K	● RGB ● Amber 590 nm ● Pink (butchery)
Luminosity / meter (4000K)	660 lm/m	1250 lm/m	1560 lm/m	1920 lm/m	3120 lm/m	510 lm/m

STRIP RANGE

DECORATIVE



- > Range providing soft and decorative light.
- > Application : orientation lighting of an area, furniture, object...



24 V

~ 120 lm / W

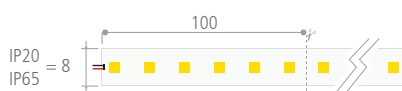
60 LED / m

CRI > 80

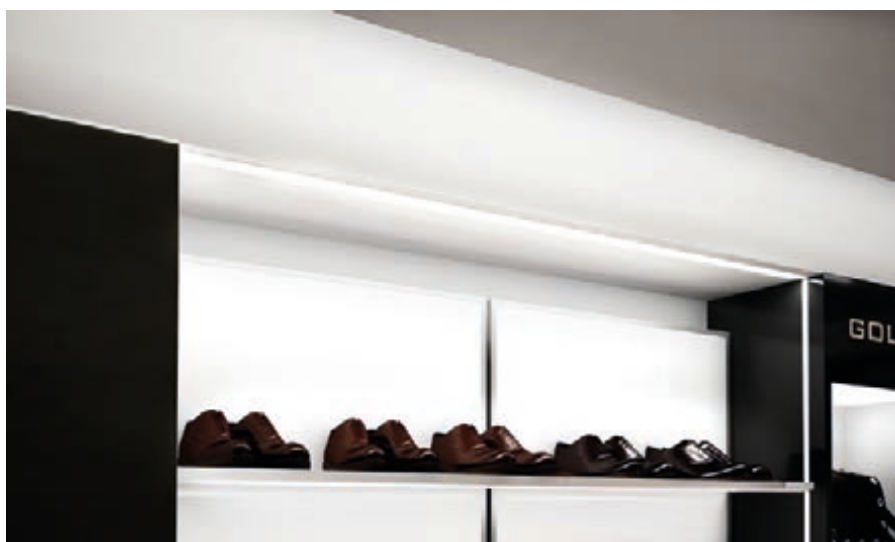
50 000 h
L70B50 → Ta = 25°C



Operating temperature -20° ; +45°C



LUMINOSITY / METER	POWER / METER	CCT	IP	CODE (5 meters)
620 lm / m	5 W / m	3000 K	IP20	LPRO-5-3000-IP20
660 lm / m	5 W / m	4000 K	IP20	LPRO-5-4000-IP20
690 lm / m	5 W / m	6000 K	IP20	LPRO-5-6000-IP20
570 lm / m	5 W / m	3000 K	IP65	LPRO-5-3000-IP65
610 lm / m	5 W / m	4000 K	IP65	LPRO-5-4000-IP65
635 lm / m	5 W / m	6000 K	IP65	LPRO-5-6000-IP65



STRIP RANGE

LUMINOSITY



> Range for spaces requiring a comfortable light.

> Application : highlight the contours of a particular space, a counter, a path...

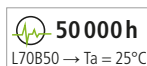


24 V

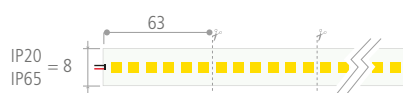
~ 110 lm / W

96 LED / m

CRI > 80



Operating temperature -20° ; +45°C



LUMINOSITY / METER	POWER / METER	CCT	IP	CODE (5 meters)
1175 lm / m	10 W / m	3000 K	IP20	LPRO-10-3000-IP20
1250 lm / m	10 W / m	4000 K	IP20	LPRO-10-4000-IP20
1310 lm / m	10 W / m	6000 K	IP20	LPRO-10-6000-IP20
1080 lm / m	10 W / m	3000 K	IP65	LPRO-10-3000-IP65
1150 lm / m	10 W / m	4000 K	IP65	LPRO-10-4000-IP65
1205 lm / m	10 W / m	6000 K	IP65	LPRO-10-6000-IP65

This range must absolutely be installed in an aluminum profile to ensure the lifetime of the product.

LUMINOSITY +



> Range providing powerful light.

> Application : facade lighting, work, shop window...

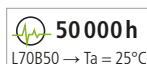


24 V

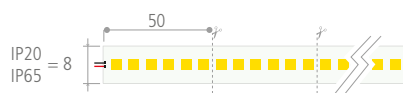
~ 100 lm / W

120 LED / m

CRI > 80



Operating temperature -20° ; +45°C



LUMINOSITY / METER	POWER / METER	CCT	IP	CODE (5 meters)
1465 lm / m	15 W / m	3000 K	IP20	LPRO-15-3000-IP20
1560 lm / m	15 W / m	4000 K	IP20	LPRO-15-4000-IP20
1640 lm / m	15 W / m	6000 K	IP20	LPRO-15-6000-IP20
1350 lm / m	15 W / m	3000 K	IP65	LPRO-15-3000-IP65
1435 lm / m	15 W / m	4000 K	IP65	LPRO-15-4000-IP65
1510 lm / m	15 W / m	6000 K	IP65	LPRO-15-6000-IP65

This range must absolutely be installed in an aluminum profile to ensure the lifetime of the product.

STRIP RANGE

HIGH LUMINOSITY

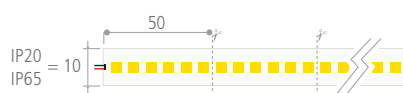


- > High performance range for high brightness and efficiency requirements.
- > Application : corridor and passage area, workspace, exhibition area...

	24 V	~ 95 lm / W	120 LED / m	CRI > 80	50 000 h L70B50 → Ta = 25°C	
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Operating temperature -20° ; +45°C



LUMINOSITY / METER	POWER / METER	CCT	IP	CODE (5 meters)
1805 lm / m	20 W / m	3000 K	IP20	LPRO-20-3000-IP20
1920 lm / m	20 W / m	4000 K	IP20	LPRO-20-4000-IP20
2015 lm / m	20 W / m	6000 K	IP20	LPRO-20-6000-IP20
1660 lm / m	20 W / m	3000 K	IP65	LPRO-20-3000-IP65
1765 lm / m	20 W / m	4000 K	IP65	LPRO-20-4000-IP65
1855 lm / m	20 W / m	6000 K	IP65	LPRO-20-6000-IP65

This range must absolutely be installed in an aluminum profile to ensure the lifetime of the product.

HIGH LUMINOSITY +

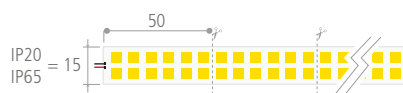


- > Very high performance range with powerful light.
- > Application : exhibition hall, reception area, conference room...

	24 V	~ 100 lm / W	240 LED / m	CRI > 80	50 000 h L70B50 → Ta = 25°C	
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Operating temperature -20° ; +45°C

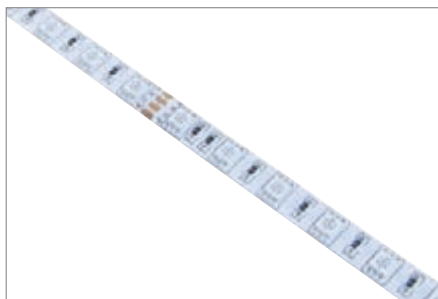


LUMINOSITY / METER	POWER / METER	CCT	IP	CODE (5 meters)
2930 lm / m	30 W / m	3000 K	IP20	LPRO-30-3000-IP20
3120 lm / m	30 W / m	4000 K	IP20	LPRO-30-4000-IP20
3275 lm / m	30 W / m	6000 K	IP20	LPRO-30-6000-IP20

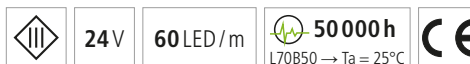
This range must absolutely be installed in an aluminum profile to ensure the lifetime of the product.

STRIP RANGE

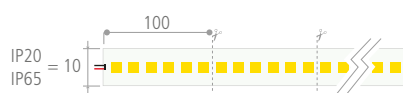
RGB



- > Range of RGB LEDs for dynamic lighting.
- > Application : orientation of space or furniture...



Operating temperature -20° ; +45°C



COMPATIBLE CONTROLLERS

DIMMERRVB



Colour variator
RGB /intensity
(24V 12A max) with
touch-screen remote
control



AMPLIRVB
Signal 24V
amplifier RGB

LUMINOSITY / METER	POWER / METER	CCT	IP	CODE (5 meters)
510 lm / m	15 W / m	RGB	IP20	LPRO-15-RGB-IP20
470 lm / m	15 W / m	RGB	IP65	LPRO-15-RGB-IP65

RGB+White and Dynamic white versions available on request.
This range must absolutely be installed in an aluminum profile to ensure the lifetime of the product.

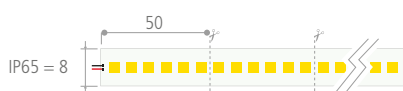
AMBER 590 NM



- > LED Solution Amber monochromatic 590 nm.
- > Application : lighting of wine, cozy orange atmosphere...



Operating temperature -20° ; +45°C



LUMINOSITY / METER	POWER / METER	CCT	IP	CODE (5 meters)
400 lm / m	15 W / m	Ambre 590 nm	IP65	LPRO-15-AMB-IP65

This range must absolutely be installed in an aluminum profile to ensure the lifetime of the product.

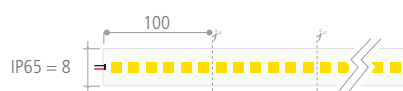
BUTCHERY



- > Pink LED solution to accentuate red meats.
- > Application : supermarket, shop, laboratory of meat...



Operating temperature -20° ; +45°C







LUMINOSITY / METER	POWER / METER	CCT	IP	CODE (5 meters)
530 lm / m	10 W / m	Rosé	IP65	LPRO-10-PIN-IP65

This range must absolutely be installed in an aluminum profile to ensure the lifetime of the product.







PROFILE RANGE

MOUNTED RANGE

STANDARD MOUNTED PROFILE	LOW HEIGHT MOUNTED PROFILE	NARROW MOUNTED PROFILE	DEEP MOUNTED PROFILE
			
A	D	X	Y
	For discrete integration	For areas with limited space	Deep integrated LED module providing more comfortable light

RECESSED RANGE

STANDARD RECESSED PROFILE	DEEP RECESSED PROFILE	LOW HEIGHT RECESSED PROFILE	DOUBLE RECESSED PROFILE
			
B	G	Z	INDI
	Deep integrated LED module providing more comfortable light	For integration into surfaces with minimum depth	For a lighting strip of 25mm in width

WIDE RECESSED PROFILE

IN
For applications requiring high luminous flux

SPECIALS

90° MOUNTED PROFILE	MOUNTED OR DOUBLE SUSPENSION PROFILE	MOUNTED OR WIDE SUSPENSION PROFILE	MOUNTED OR WIDE SUSPENSION WITH LOW HEIGHT PROFILE
			
C	DI	IL	SO
For integration into corners	For a lighting strip of 25mm in width	For applications requiring high luminous flux	For a powerfull and discrete installation

PROFILE RANGE

A

MOUNTED RANGE



Application

Accent, orientation and indirect lighting

- Residential (cornices, walls, handrails)
- Shops (walls, cornices, showcases, sales areas)
- Services (common areas, cornices, reception areas)

Cross-sectional view



Integration example



Assembly of two modules at 90°

STANDARD MOUNTED PROFILE

Profiles




Supplied as standard with a length of 2m

Dimensions (mm)				Maximum heat dissipation: 22,2W / m	
	16				
Max. strip width	10 mm				
Available finishes					
	White (lacquer RAL9016)	Stainless steel (anodized)	Black (anodized)	Aluminium (anodized)	Aluminium (raw)
Code (2 meters)	AL-A1	AL-A2	AL-A3	AL-A4	AL-A5

Profile rails of 1m and 3m available on request

Diffusers

Supplied as standard with a length of 2m

Diffusers			
	Transparent	Diffuse	Opal
Transmission coefficient	95%	78%	51%
Material	PMMA (Glow wire test: 650°C)		
Code (2 meters)	AB-BASIC-T	AB-BASIC-F	AB-BASIC-M
Diffusers with extruded lenses 15° or 30° available on request			

Diffusers with extruded lenses 15° or 30° available on request

Accessories

Finishing end pieces

	Straight - With hole				Straight - Without hole			
Available finishes	Grey	Black	White	Stainless steel	Grey	Black	White	Stainless steel
Code	EC-A-BASIC1	EC-A-BASIC2	EC-A-BASIC3	EC-A-BASIC4	EC-A-BASIC5	EC-A-BASIC6	EC-A-BASIC7	EC-A-BASIC8

Mounting clips

	Mini			Standard			Angle
Available finishes	Transparent	White	Black	Transparent	White	Black	Transparent
Code	UCH-L-AM-TR	UCH-L-AM-B	UCH-L-AM-CZ	UCH-L-A-TR	UCH-L-A-B	UCH-L-A-CZ	UCH-L-A-TR-K
Installation	3 mounting clips for a 2m profile						2 mounting clips for each angle

Metal mounting supports and suspension wires available on request

PROFILE RANGE

D

MOUNTED RANGE



Application

Accent and orientation lighting

- Residential (cornices, walls, handrails)
- Shops (shelves, furniture, sales areas, reception areas, showcases)
- Services (common areas, cornices, reception areas)

Cross-sectional view



Integration example



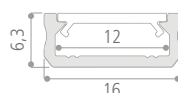
Linear module mounted on supports

LOW HEIGHT MOUNTED PROFILE

For discrete integration

Profiles

Supplied as standard with a length of 2m

Dimensions
(mm)


Maximum heat dissipation: 16 W/m

Max. strip width

10 mm

Available
finishes

White
(lacquer RAL9016)

Stainless steel
(anodized)

Black
(anodized)

Aluminium
(anodized)

Aluminium
(raw)

Code
(2 meters)

AL-D1

AL-D2

AL-D3

AL-D4

AL-D5

Profile rails of 1m and 3m available on request

Diffusers

Supplied as standard with a length of 2m

Diffusers



Transparent

Diffuse

Opal

Transmission
coefficient

95%

78%

51%

Material

PMMA (Glow wire test: 650°C)

Code
(2 meters)

AB-BASIC-T

AB-BASIC-F

AB-BASIC-M

Diffusers with extruded lenses 15° or 30° available on request

Accessories

Finishing end
pieces


Straight - With hole



Straight - Without hole

Available
finishes

Grey

Black

White

Stainless
steel

Grey

Black

White

Stainless
steel

Code

EC-D-
BASIC1

EC-D-
BASIC2

EC-D-
BASIC3

EC-D-
BASIC4

EC-D-
BASIC5

EC-D-
BASIC6

EC-D-
BASIC7

EC-D-
BASIC8

Mounting
clips


Mini

Available
finishes

Transparent

White

Black

Code

UCH-L-DM-TR

UCH-L-DM-B

UCH-L-DM-CZ

Installation

3 mountings clips for a 2m profile

Metal mounting supports available on request

PROFILE RANGE



MOUNTED RANGE

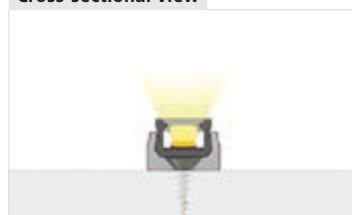


Application

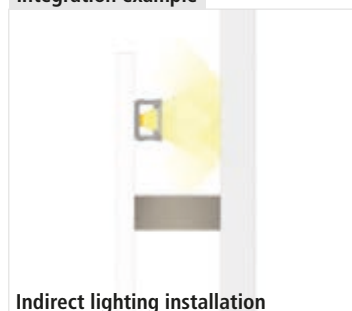
Accent and orientation lighting

- Shops (shelves, furniture, sales areas, reception areas, showcases)
- Services (common areas, cornices, reception areas)

Cross-sectional view



Integration example



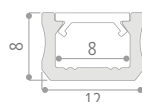
Indirect lighting installation

NARROW MOUNTED PROFILE

For areas with limited space

Profiles

Supplied as standard with a length of 2m

Dimensions
(mm)


Maximum heat dissipation: 18 W/m

Max. strip width

8 mm

Available
finishes

White
(lacquer RAL9016)

Stainless steel
(anodized)

Black
(anodized)

Aluminium
(anodized)

Aluminium
(raw)

Code
(2 meters)

AL-X1

AL-X2

AL-X3

AL-X4

AL-X5

Profile rails of 1m and 3m available on request

Diffusers

Supplied as standard with a length of 2m

Diffusers



Transparent

Diffuse

Opal

Transmission
coefficient

95%

78%

51%

Material

PMMA (Glow wire test: 650°C)

Code
(2 meters)

AB-SLIM-PT

AB-SLIM-PF

AB-SLIM-PM

Diffusers with extruded lenses 15° or 30° available on request

Accessories

Finishing end
pieces


Straight - With hole



Straight - Without hole

Available
finishes

Grey

Black

White

Stainless
steel

Grey

Black

White

Stainless
steel

Code

EC-X-
SLIM1

EC-X-
SLIM2

EC-X-
SLIM3

EC-X-
SLIM4

EC-X-
SLIM5

EC-X-
SLIM6

EC-X-
SLIM7

EC-X-
SLIM8

Mounting
clips


Mini

Available
finishes

Transparent

White

Black

Code

UCH-L-XM-TR

UCH-L-XM-B

UCH-L-XM-CZ

Installation

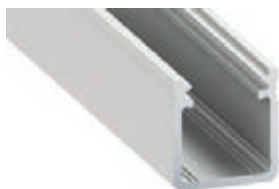
3 mountings clips for a 2m profile

Metal mounting supports available on request

PROFILE RANGE

Y

MOUNTED RANGE

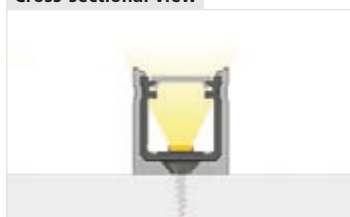


Application

Orientation and indirect lighting

- Shops (sales areas, reception areas)
- Services (common areas, reception areas)

Cross-sectional view



Integration example



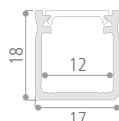
Assembly of two modules at 90°

DEEP MOUNTED PROFILE

Deep integrated LED module providing more comfortable light

Profiles

Supplied as standard with a length of 2m

Dimensions
(mm)


Maximum heat dissipation: 31,5W/m

Max. strip width

12 mm

Available
finishes

White
(lacquer RAL9016)

Stainless steel
(anodized)

Black
(anodized)

Aluminium
(anodized)

Aluminium
(raw)

Code
(2 meters)

AL-Y1

AL-Y2

AL-Y3

AL-Y4

AL-Y5

Profile rails of 1m and 3m available on request

Diffusers

Supplied as standard with a length of 2m

Diffusers



Transparent



Diffuse



Opal

Transmission
coefficient

93

79%

50%

Material

PMMA (Glow wire test: 650°C)

Code
(2 meters)

AB-BASIC-T

AB-BASIC-F

AB-BASIC-M

Diffusers with extruded lenses 15° or 30° available on request

Accessories

Finishing end
pieces


Straight - With hole



Straight - Without hole

Available
finishes

Grey

Black

White

Stainless
steel

Grey

Black

White

Stainless
steel

Code

EC-Y-
BASIC1

EC-Y-
BASIC2

EC-Y-
BASIC3

EC-Y-
BASIC4

EC-Y-
BASIC5

EC-Y-
BASIC6

EC-Y-
BASIC7

EC-Y-
BASIC8

Mounting
clips


Standard

Available
finishes

Transparent

White

Black

Code

UCH-L-Y-TR

UCH-L-Y-B

UCH-L-Y-CZ

Installation

3 mountings clips for a 2m profile

Metal mounting supports and suspension wires available on request

PROFILE RANGE

B

RECESSED RANGE



Application

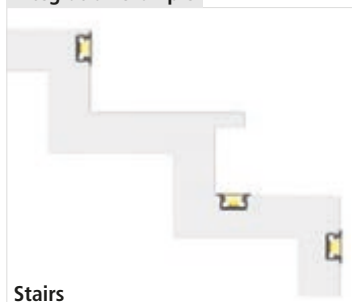
Accent, orientation and indirect lighting

- Residential (cornices, walls)
- Shops (walls, cornices, showcases, sales areas)
- Services (common areas, cornices, reception areas)

Cross-sectional view



Integration example

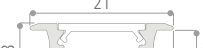








Stairs

STANDARD RECESSED PROFILE

Profiles

Supplied as standard with a length of 2m

Dimensions (mm)					Maximum heat dissipation: 22,5W/m	
Max. strip width	10 mm					
Available finishes	 White (lacquer RAL9016)	 Stainless steel (anodized)	 Black (anodized)	 Aluminium (anodized)		 Aluminium (raw)
Code (2 meters)	AL-B1	AL-B2	AL-B3	AL-B4		AL-B5

Profile rails of 1m and 3m available on request

Diffusers

Supplied as standard with a length of 2m

Diffusers			
	Transparent	Diffuse	Opal
Transmission coefficient	95%	78%	51%
Material	PMMA (Glow wire test: 650°C)		
Code (2 meters)	AB-BASIC-T	AB-BASIC-F	AB-BASIC-M

Diffusers with extruded lenses 15° or 30° available on request

Accessories

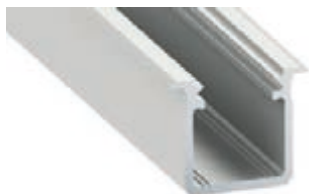
Finishing end pieces

Available finishes	 Straight - With hole				 Curved - With hole			
	Grey	Black	White	Stainless steel	Grey	Black	White	Stainless steel
Code	EC-B-BASIC1	EC-B-BASIC2	EC-B-BASIC3	EC-B-BASIC4	EC-B-BASIC5	EC-B-BASIC6	EC-B-BASIC7	EC-B-BASIC8

PROFILE RANGE

G

RECESSED RANGE

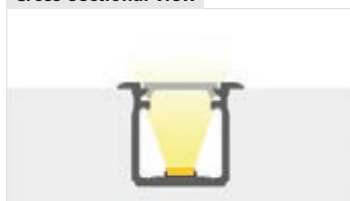


Application

Orientation and indirect lighting

- Shops (sales areas, reception areas, walls)
- Services (common areas, reception areas)

Cross-sectional view



Integration example



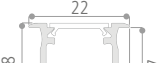






Assembly of two modules at 90°

DEEP RECESSED PROFILE

Deep integrated LED module providing more comfortable light

Profiles




Supplied as standard with a length of 2m

Dimensions (mm)							Maximum heat dissipation: 32,5 W/m
Max. strip width	12 mm						
Available finishes	 White (lacquer RAL9016)	 Stainless steel (anodized)	 Black (anodized)	 Aluminium (anodized)	 Aluminium (raw)		
Code (2 meters)	AL-G1	AL-G2	AL-G3	AL-G4	AL-G5		

Profile rails of 1m and 3m available on request

Diffusers

Supplied as standard with a length of 2m

Diffusers			
	Transparent	Diffuse	Opal
Transmission coefficient	95%	78%	51%
Material	PMMA (Glow wire test: 650°C)		
Code (2 meters)	AB-BASIC-T	AB-BASIC-F	AB-BASIC-M
Diffusers with extruded lenses 15° or 30° available on request			

Diffusers with extruded lenses 15° or 30° available on request

Accessories

Finishing end pieces



Curved - With hole

Available finishes	Grey	Black	White	Stainless steel
Code	EC-G-BASIC1	EC-G-BASIC2	EC-G-BASIC3	EC-G-BASIC4

PROFILE RANGE

Z

RECESSED RANGE

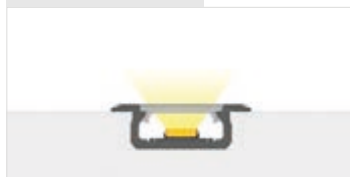


Application

Accent and orientation lighting

- Shops (shelves, furniture, sales areas, reception areas, showcases)
- Services (common areas, cornices, reception areas)

Cross-sectional view



Integration example



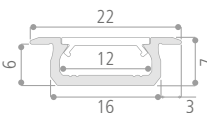






Under a counter

LOW HEIGHT RECESSED PROFILE

For integration into surfaces with minimum depth

Profiles


Supplied as standard with a length of 2m

Dimensions (mm)				Maximum heat dissipation: 21 W/m	
Max. strip width	10 mm				
Available finishes					
	White (lacquer RAL9016)	Stainless steel (anodized)	Black (anodized)	Aluminium (anodized)	Aluminium (raw)
Code (2 meters)	AL-Z1	AL-Z2	AL-Z3	AL-Z4	AL-Z5

Profile rails of 1m and 3m available on request

Diffusers

Supplied as standard with a length of 2m

Diffusers			
	Transparent	Diffuse	Opal
Transmission coefficient	95%	78%	51%
Material	PMMA (Glow wire test: 650°C)		
Code (2 meters)	AB-BASIC-T	AB-BASIC-F	AB-BASIC-M

Diffusers with extruded lenses 15° or 30° available on request

Accessories

Finishing end pieces



Curved - With hole

Available finishes	Grey	Black	White	Stainless steel
Code	EC-Z-BASIC1	EC-Z-BASIC2	EC-Z-BASIC3	EC-Z-BASIC4

PROFILE RANGE

INDI

RECESSED RANGE



Application

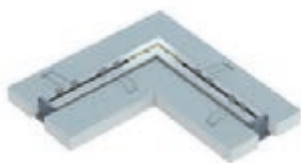
General lighting

- Services (open space, common areas, reception areas)

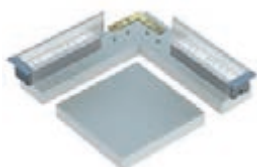
Cross-sectional view



Integration example



In the ceiling



Continuous line

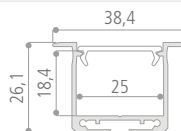


DOUBLE RECESSED PROFILE

For a lighting strip of 25mm in width

Profiles

Supplied as standard with a length of 2m

Dimensions
(mm)


Maximum heat dissipation: 40,6 W/m

Max. strip width

Up to 25 mm (2 strips 10-12 mm)

Available
finishes

Aluminium
(anodized)

White
(lacquer RAL9016)

Code
(2 meters)

AL-IND1

AL-IND2

Profile rails of 1m and 3m available on request

Diffusers

Supplied as standard with a length of 2m

Diffusers



Transparent

Diffuse

Opal

Transmission
coefficient

93%

79%

50%

Material

PMMA (Glow wire test: 650°C)

Code
(2 meters)

AB-DOUBLE-T

AB-DOUBLE-F

AB-DOUBLE-M

Accessories

Finishing end
pieces


Straight - Without hole

Available
finishes

Grey

White

Code

EC-IND-DOUBLE1

EC-IND-DOUBLE2

Mountings
springs
(galvanized steel)


Code

L-SPRING

Installation

Always order in multiples of 2 - 6 accessories required for 2 meters of profile

Continuous line
installation

Straight junction



90° angle junction



Without mounting tools

With mounting tools

Without mounting tools

With mounting tools

Code

L-CONL-S

L-CONL-S-KPL

L-CONL-L

L-CONL-L-KPL

PROFILE RANGE

IN

RECESSED RANGE



Application

General lighting

- Services (open space, common areas, reception areas)

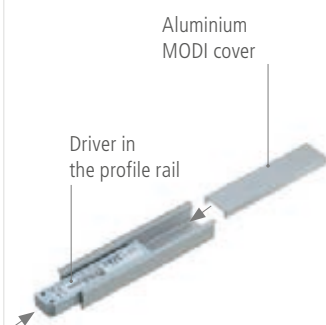
Cross-sectional view



Integration example



In the ceiling

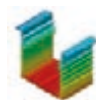
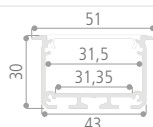


WIDE RECESSED PROFILE

For applications requiring high luminous flux

Profiles

Supplied as standard with a length of 2m

Dimensions
(mm)


Maximum heat dissipation: 84 W/m

Max. strip width

Up to 30 mm (3x10 mm)

Available
finishes

Aluminium
(anodized)

White
(lacquer RAL9016)

Code
(2 meters)

AL-INSO1

AL-INSO2

Profile rails of 1m and 3m available on request

Diffusers

Supplied as standard with a length of 2m

Diffusers



Transparent

Diffuse

Opal

Prismatic

Transmission
coefficient

94%

73%

42%

87%

Material

PMMA (Glow wire test: 650°C)

PC

Code
(2 meters)

AB-WIDE-T

AB-WIDE-F

AB-WIDE-M

AB-WIDE-P

Accessories

Finishing end
pieces


Straight - Without hole

Available
finishes

Grey

White

Code

EC-INSO-WIDE1

EC-INSO-WIDE2

Mountings
springs
(galvanized steel)


Code

L-SPRING

Installation

Always order in multiples of 2 - 6 accessories required for 2 meters of profile

Continuous line
installation

Straight junction



90° angle junction



Without mounting tools

With mounting tools

Without mounting tools

With mounting tools

Code

L-CONL-S

L-CONL-S-KPL

L-CONL-L

L-CONL-L-KPL

Cover for
discontinuous
line or to hide
power supply

White

Aluminium (anodized)

Code
(2 meters)

MODI2B

MODI2S

SOINS

BEAUTÉ

HYGIÈNE

ORTHOPÈDE



Offre du mois
Achetez
1 produit acheté
le 2ème OFFERT



PROFILE RANGE

C

SPECIALS



Application

Accent and orientation lighting

- Residential (kitchens, furniture, cornices, walls)
- Shops (cupboard lighting, shelves, walls, cornices, showcases, sales areas)
- Services (common areas, cornices, reception areas)

Cross-sectional view



Integration example



Assembly of two modules in a 90° corner

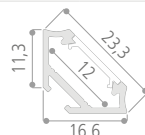
90° MOUNTED PROFILE

For integration into corners

Profiles

Supplied as standard with a length of 2m

Dimensions (mm)



Maximum heat dissipation: 23,5 W/m

Max. strip width

10 mm

Available finishes

White
(lacquer RAL9016)

Stainless steel
(anodized)

Black
(anodized)

Aluminium
(anodized)

Aluminium
(raw)

Code
(2 meters)

AL-C1

AL-C2

AL-C3

AL-C4

AL-C5

Profile rails of 1m and 3m available on request

Diffusers

Supplied as standard with a length of 2m

Diffusers



Transparent

Diffuse

Opal

Transmission coefficient

95%

78%

51%

Material

PMMA (Glow wire test: 650°C)

Code
(2 meters)

AB-BASIC-T

AB-BASIC-F

AB-BASIC-M

Diffusers with extruded lenses 15° or 30° available on request

Accessories

Finishing end pieces



Straight - With hole



Straight - Without hole

Available finishes

Grey

Black

White

Stainless steel

Grey

Black

White

Stainless steel

Code

EC-C-BASIC1

EC-C-BASIC2

EC-C-BASIC3

EC-C-BASIC4

EC-C-BASIC5

EC-C-BASIC6

EC-C-BASIC7

EC-C-BASIC8

Mounting clips



Mounting support - standard



Angle

Available finishes

Transparent

White

Black

Transparent

Code

UCH-L-C-TR

UCH-L-C-B

UCH-L-C-CZ

UCH-L-C-TR-K

Installation

3 mountings clips for a 2m profile

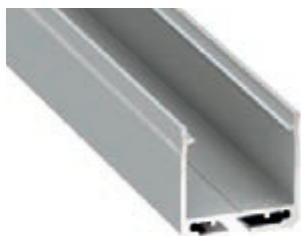
2 mounting clips for each angle

Metal mounting supports available on request

PROFILE RANGE

DI

SPECIALS



Application

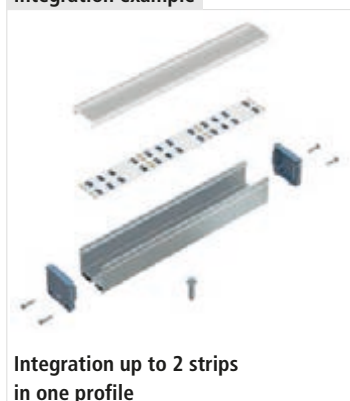
General lighting

- Services (open space, common areas, reception areas)

Cross-sectional view



Integration example




Integration up to 2 strips
in one profile

MOUNTED OR DOUBLE SUSPENSION PROFILE

For a lighting strip of 25mm in width

Profiles

Supplied as standard with a length of 2m

Dimensions (mm)		Maximum heat dissipation: 39,2 W/m
Max. strip width	Up to 25 mm (2 strips 10-12mm)	

Available
finishes

Aluminium
(anodized)

White
(lacquer RAL9016)

Code
(2 meters)

AL-DIL1

AL-DIL2

Profile rails of 1m and 3m available on request

Diffusers

Supplied as standard with a length of 2m

Diffusers			
	Transparent	Diffuse	Opal
Transmission coefficient	93%	79%	50%
Material	PMMA (Glow wire test: 650°C)		
Code (2 meters)	AB-DOUBLE-T	AB-DOUBLE-F	AB-DOUBLE-M

Accessories

Finishing end
pieces


Straight - With hole



Straight - Without hole

Available
finishes

Grey

White

Grey

White

Code

EC-DIL-DOUBLE1

EC-DIL-DOUBLE2

EC-DIL-DOUBLE3

EC-DIL-DOUBLE4

Suspension
cables


Available lengths

1,25 m

1,50 m

2 m

3 m

5 m

Code

CS-ZAW1250-KPL

CS-ZAW1500-KPL

CS-ZAW2000-KPL

CS-ZAW3000-KPL

CS-ZAW5000-KPL

Installation

Accessories sold by 2 - 2 suspension cables for 2 meters of profile

Continuous line
installation

Straight junction



90° angle junction



Without mounting tools

With mounting tools

Without mounting tools

With mounting tools

Code

L-CONL-S

L-CONL-S-KPL

L-CONL-L

L-CONL-L-KPL

PROFILE RANGE

IL

SPECIALS



Application

General lighting

- Services (open space, common areas, reception areas)

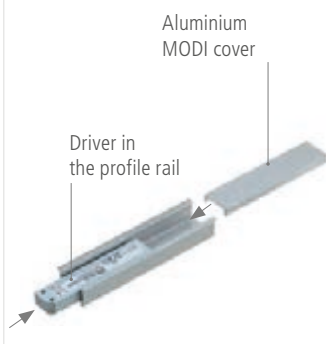
Cross-sectional view



Integration example



Integration up to 3 strips in one profile



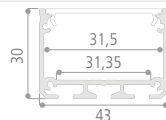
MOUNTED OR WIDE SUSPENSION PROFILE

For applications requiring high luminous flux

Profiles

Supplied as standard with a length of 2m

Dimensions (mm)



Maximum heat dissipation: 70,5W/m

Max. strip width

Up to 30 mm (3x10 mm)

Available finishes

Aluminium (anodized)

White (lacquer RAL9016)

Code (2 meters)

AL-ILED01

AL-ILED02

Profile rails of 1m and 3m available on request

Diffusers

Supplied as standard with a length of 2m

Diffusers



Transparent

Diffuse

Opal

Prismatic

Transmission coefficient

94%

73%

42%

87%

Material

PMMA (Glow wire test: 650°C)

PC

Code (2 meters)

AB-WIDE-T

AB-WIDE-F

AB-WIDE-M

AB-WIDE-P

Accessories

Finishing end pieces



Straight - With hole



Straight - Without hole

Available finishes

Grey

White

Grey

White

Code

EC-ILED0-WIDE1

EC-ILED0-WIDE2

EC-ILED0-WIDE3

EC-ILED0-WIDE4

Suspension cables



Available lengths

1,25 m

1,50 m

2 m

3 m

5 m

Code

CS-ZAW1250-KPL

CS-ZAW1500-KPL

CS-ZAW2000-KPL

CS-ZAW3000-KPL

CS-ZAW5000-KPL

Installation

Accessories sold by 2 - 2 suspension cables for 2 meters of profile

Continuous line installation

Straight junction



90° angle junction



Without mounting tools

With mounting tools

Without mounting tools

With mounting tools

Code

L-CONL-S

L-CONL-S-KPL

L-CONL-L

L-CONL-L-KPL

Cover for discontinuous line or to hide power supply

White

Aluminium (anodized)

Code (2 meters)

MODI2B

MODI2S

PROFILE RANGE

SO

SPECIALS



Application

General lighting

- Services (open space, common areas, reception areas)
- Shops (sales areas, reception areas)

Cross-sectional view



Integration example



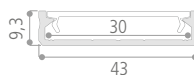
Suspension mounted

MOUNTED OR WIDE SUSPENSION WITH LOW HEIGHT PROFILE

For a powerfull and discrete installation

Profiles

Supplied as standard with a length of 2m

Dimensions
(mm)


Maximum heat dissipation: 33,9W/m

Max. strip width

Up to 30 mm (3x10 mm)

Available
finishes

White
(lacquer RAL9016)

Stainless steel
(anodized)

Black
(anodized)

Aluminium
(anodized)

Aluminium
(raw)

Code
(2 meters)

AL-SOLIS1

AL-SOLIS2

AL-SOLIS3

AL-SOLIS4

AL-SOLIS5

Profile rails of 1m and 3m available on request

Diffusers

Supplied as standard with a length of 2m

Diffusers



Transparent

Diffuse

Opal

Prismatic

Transmission
coefficient

94%

73%

42%

87%

Material

PMMA (Glow wire test: 650°C)

PC

Code
(2 meters)

AB-WIDE-T

AB-WIDE-F

AB-WIDE-M

AB-WIDE-P

Accessories

Finishing end
pieces


Straight - With hole



Straight - Without hole

Available
finishes

Grey

Black

White

Stainless
steel

Grey

Black

White

Stainless
steel

Code

EC-SOLIS-
WIDE1

EC-SOLIS-
WIDE2

EC-SOLIS-
WIDE3

EC-SOLIS-
WIDE4

EC-SOLIS-
WIDE5

EC-SOLIS-
WIDE6

EC-SOLIS-
WIDE7

EC-SOLIS-
WIDE8

Suspension
cables


Available lengths

1,25 m

1,50 m

2 m

3 m

5 m

Code

CS-ZAW1250-KPL

CS-ZAW1500-KPL

CS-ZAW2000-KPL

CS-ZAW3000-KPL

CS-ZAW5000-KPL

Installation

Accessories sold by 2 - 2 suspension cables for 2 meters of profile

POWER SUPPLY RANGE 24V ON/OFF

STANDARD DRIVERS 24V IP20



IP20

24
VDC


		Max. length of 5W/m strip	Max. length of 10W/m strip	Max. length of 15W/m strip	Max. length of 20W/m strip	Max. length of 30W/m strip
LV15/24-C2 - 15W 	Dimensions (mm)					
	L. l. h.	2,70m / power supply	1,35m / power supply	0,90m / power supply	0,65m / power supply	0,45m / power supply
		111,5	44	19,1		
LV30/24-C2 - 30W 	Dimensions (mm)					
	L. l. h.	5,40m / power supply	2,70m / power supply	1,80m / power supply	1,35m / power supply	0,90m / power supply
		167,9	51	24		
LV75/24-C2 - 75W 	Dimensions (mm)					
	L. l. h.	13,50m / power supply (on 2 lines)	6,75m / power supply	4,50m / power supply	3,30m / power supply	2,25m / power supply
		193,2	63	30		
LV150/24-C2 - 65W...150W 	Dimensions (mm)					
	L. l. h.	13m min. / power supply (on 2 lines) 27m max / power supply (on 4 lines)	6,50m min. / power supply 13,50m max / power supply	4,35m min. / power supply 9m max / power supply (on 2 lines)	3,25m min. / power supply 6,75m max / power supply	2,20m min. / power supply 5,50m max / power supply
		180	65,5	31,2		
LV45/24-S-C2 - 0W...45W 	Dimensions (mm)					
	L. l. h.	8,10m / power supply	4,05m / power supply	2,70m / power supply	2m / power supply	1,35m / power supply
		251	30	16		
STD007-24V - 0W...200W 	Dimensions (mm)					
	L. l. h.	36m / power supply (on 5 lines)	18m / power supply (on 3 lines)	12m / power supply (on 2 lines)	9m / power supply (on 2 lines)	6m / power supply
		214	113	49		

DRIVERS STANDARDS 24V IP67

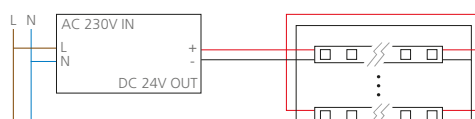


IP67

24
VDC


ALIM24100IP - 100W 	Dimensions (mm)					
	L. l. h.	18m / power supply (on 3 lines)	9m / power supply (on 2 lines)	6m / power supply	4,50m / power supply	3m / power supply
		210	70	45		
ALIM24200IP - 200W 	Dimensions (mm)					
	L. l. h.	36m / power supply (on 5 lines)	18m / power supply (on 3 lines)	12m / power supply (on 2 lines)	9m / power supply	6m / power supply
		230	125	60		

Wiring


Maximum length of LED strip
on one line:

maximum 7,5 m

More than 7,5 m, split the power supply with
a new line.

POWER SUPPLY RANGE 24V DIMMABLES

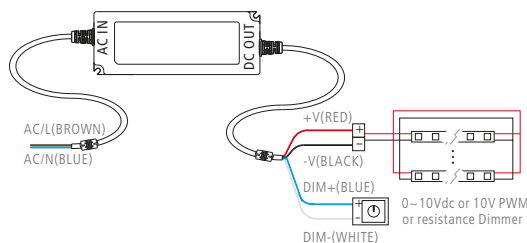
DRIVERS DIMMABLES 24V 1-10V IP67



				Max. length of 5W/m strip	Max. length of 10W/m strip	Max. length of 15W/m strip	Max. length of 20W/m strip	Max. length of 30W/m strip
								
PWM-60-24 - 60W	Dimensions (mm)			10,80m / power supply (on 2 lines)	5,40m / power supply	3,60m / power supply	2,70m / power supply	1,80m / power supply
	L.	I.	h.					
	150	53	35					
PWM-120-24 - 120W	Dimensions (mm)			21,60m / power supply (on 3 lines)	10,80m / power supply (on 2 lines)	7,20m / power supply	5,40m / power supply	3,60m / power supply
	L.	I.	h.					
	191	63	37,5					

Wiring

Wiring diagram with 1-10 V button or potentiometer:


Maximum length of LED strip
on one line:

maximum 7,5 m

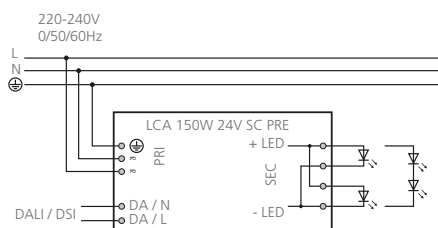
More than 7,5 m, split the power supply with
a new line.

DRIVERS DIMMABLES 24V DALI/POUSOIR IP20

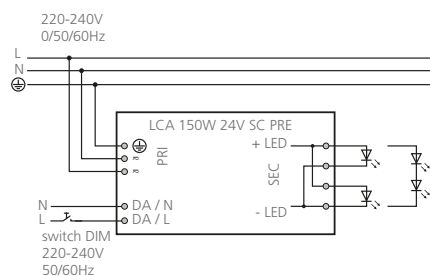


LCA35W24VDA - 35W	Dimensions (mm)			6,30m / power supply	3,20m / power supply	2,10m / power supply	1,60m / power supply	1m / power supply
	L.	I.	h.					
	195	43	30,2					
LCA60W24VDA - 60W	Dimensions (mm)			10,80m / power supply (on 2 lines)	5,40m / power supply	3,60m / power supply	2,70m / power supply	1,80m / power supply
	L.	I.	h.					
	225	43	30,2					
LCA100W24VDA - 100W	Dimensions (mm)			18m / power supply (on 3 lines)	9m / power supply (on 2 lines)	6m / power supply	4,50m / power supply	3m / power supply
	L.	I.	h.					
	295	43	29,8					
LCA150W24VDA - 150W	Dimensions (mm)			27m / power supply (on 4 lines)	13,50m / power supply	9m / power supply (on 2 lines)	6,75m / power supply	5,50m / power supply
	L.	I.	h.					
	325	43	30,2					


DALI wiring (scale from 1% to 100%)



Push-button wiring (scale from 1% to 100%)



COMPATIBILITY STRIP / PROFILE

LED STRIPS PROFILES	LUXE		DECORATIVE (5 W/m)		LUMINOSITY (10 W/m)		LUMINOSITY + (15 W/m) COLOUR (15 W/m)		HIGH LUMINOSITY (20 W/m)		HIGH LUMINOSITY + (30 W/m)	
	R66	R66+	IP20	IP65	IP20	IP65	IP20	IP65	IP20	IP65	IP20	IP65
 A	•	•	•	•	•	•	•	•	•	•	X	X
 B	•	•	•	•	•	•	•	•	•	•	X	X
 C	•	•	•	•	•	•	•	•	•	•	X	X
 D	•	•	•	•	•	•	•	•	X	X	X	X
 G	•	•	•	•	•	•	•	•	•	•	X	X
 X	X	X	•	•	•	•	•	•	X	X	X	X
 Y	•	•	•	•	•	•	•	•	•	•	X	X
 Z	•	•	•	•	•	•	•	•	•	•	X	X
 INDI	Up to 2 lines of strips	Up to 2 lines of strips	Up to 2 lines of strips	Up to 2 lines of strips	Up to 2 lines of strips	Up to 2 lines of strips	Up to 2 lines of strips	Up to 2 lines of strips	Up to 2 lines of strips	Up to 2 lines of strips	X	X
 DI	Up to 2 lines of strips	Up to 2 lines of strips	Up to 2 lines of strips	Up to 2 lines of strips	Up to 2 lines of strips	Up to 2 lines of strips	Up to 2 lines of strips	Up to 2 lines of strips	X	X	X	X
 SOLIS	Up to 3 lines of strips	2 lines of strips max.	Up to 3 lines of strips	Up to 3 lines of strips	Up to 3 lines of strips	Up to 3 lines of strips	2 lines of strips max.	2 lines of strips max.	1 line of strip max.	1 line of strip max.	1 line of strip max.	1 line of strip max.
 ILEDO	Up to 3 lines of strips	Up to 3 lines of strips	Up to 3 lines of strips	Up to 3 lines of strips	Up to 3 lines of strips	Up to 3 lines of strips	Up to 3 lines of strips	Up to 3 lines of strips	Up to 3 lines of strips	Up to 3 lines of strips	2 lines of strips max.	2 lines of strips max.
 INSO	Up to 3 lines of strips	Up to 3 lines of strips	Up to 3 lines of strips	Up to 3 lines of strips	Up to 3 lines of strips	Up to 3 lines of strips	Up to 3 lines of strips	Up to 3 lines of strips	Up to 3 lines of strips	Up to 3 lines of strips	2 lines of strips max.	2 lines of strips max.



Exterior

Exterior





LUCIGROUND II RANGE



TO ENHANCE YOUR EXTERIORS

AN EXTREMELY DURABLE PRODUCT

Stainless steel 316L for saline or corrosive environments

Tempered 10 mm thick protective glass (IK08)

Resistant to dust and temporary immersion (IP67)

A LED LUMINAIRE ADJUSTABLE TO THE ENVIRONMENT

Flux range from 150 lm to 2310 lm

Available Beams 15° to 40°

Direct 230V or TBTS 12V connection (depending on model)

A SUSTAINABLE INVESTMENT

Operating life 50 000 h for no maintenance

Delivered with ultra-shallow recessed housing

Operating temperature from -20°C to +55°C

APPLICATIONS

Exterior lighting, Façades, Monuments, Gardens, ...





LUCIGROUND II - 3W - 12V



	IP68		IK08		15°		CRI >80		0.35 Kg		350 lm
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Materials / components	Stainless steel 316L trim - Stainless steel 316L body and cable gland - High strength thermoplastic ABS recessed housing - Tempered glass 10 mm thick - Stainless steel 316L vandal-proof screws - 1,5m H07 RN-F cable
Driver	NOT INCLUDED, to be ordered separately (remote driver 12V)
Electrical input characteristics	12 VDC / 0,25 A
Type of LED	1 CREE XLAMP
Maximum intensity	2877 cd
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +55°C
Applications	Underwater lighting (horizontal and vertical) for swimming pool, basin, fountain (volume 0) Perimeter lighting (horizontal and vertical) around water zone (volume 1 and 2)



OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CODE
150 lm	3 W	51 lm/W	2700 K	LG03W27SR

Other colour temperatures and angles on request
Also available with a square collar

Accessories (sold separately)	Driver 12V (obligatory): up to 4 products / driver LPF-16-12
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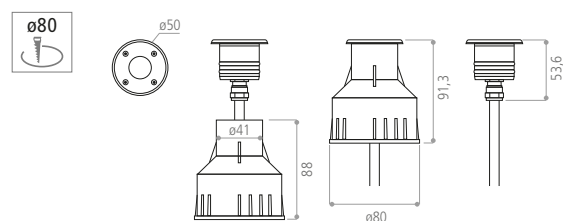
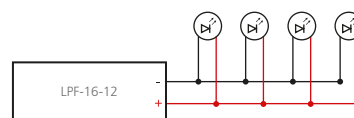


Dimensions : 170x40x32mm



LPF-16-12

Wiring diagram
(4 products maximum)



Unit: mm

	IP67	IK08	CRI >80		700 Kg
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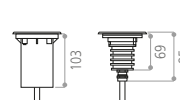
Materials / components	Stainless steel 316L trim - Aluminium 6063 body and cable gland - High strength thermoplastic ABS recessed housing - Tempered glass 10 mm thick - Stainless steel 316L vandal-proof screws - 1,5m H07 RN-F cable
Driver	INCLUDED: Standard (in the body of the product)
Electrical input characteristics	220-240 VAC / 0,04 A / 50-60 Hz (5W) 220-240 VAC / 0,08 A / 50-60 Hz (17W) 220-240 VAC / 0,15 A / 50-60 Hz (30W)
Power factor	> 0,6 (5 W) > 0,9 (17 W & 30 W)
Type of LED	3 CREE XLAMP (5 W) / 7 CREE XT-E (17 W) / 1 CREE CXB (30 W)
Maximum intensity	805 cd (5 W) / 5511 cd (17 W) / 10790 cd (30 W)
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +55°C
Applications	5W version: Ground lighting: driveways, terraces, footpaths, parking Accent lighting: low height plants, gardens, parks, façades 17W & 30W versions: Accent lighting: great height plants, statues, façades, monuments Wide open spaces lighting: public squares, parks, parking



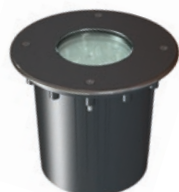
LUCIGROUND II - 5W - 230V

OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WEIGHT	CODE
305 lm	5 W	61 lm/W	3000 K	40°	0,5 Kg	LG05W30FR

Other colour temperatures and angles on request
Also available with a square collar



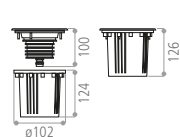
Unit: mm



LUCIGROUND II - 17W - 230V

OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WEIGHT	CODE
1180 lm	17 W	69 lm/W	3000 K	30°	1,47 Kg	LG17W30MR

Other colour temperatures and angles on request
Also available with a square collar



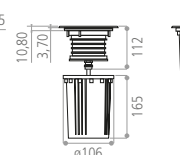
Unit: mm



LUCIGROUND II - 30W - 230V

OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	ANGLE	WEIGHT	CODE
2310 lm	30 W	77 lm/W	3000 K	30°	3,47 Kg	LG30W30MR

Other colour temperatures and angles on request
Also available with a square collar



Unit: mm

Accessories (pre-assembled)

Quick insulation displacement connector IP68 (as extension and splitter)

Pre-mounted extension with gland for cable diameters 8-13 mm²

Reference : add suffix _____CP
to the product code (example: LG05W30FRCP)



Pre-assembled T-junction with 2 glands for cable diameters 8-13 mm²










Reference : add suffix _____CT
to the product code (example: LG05W30FRCT)





LUCIGROUND SURF - 5W - 230V



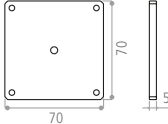
								
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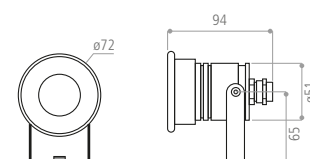
Materials / components	Stainless steel 316L body and cable gland - Tempered glass 10 mm thick - Stainless steel 316L vandal-proof screws - 1,5m H07 RN-F cable
Driver	INCLUDED: Standard (in the body of the product)
Electrical input characteristics	220-240 VAC / 0,04A / 50-60 Hz (5W)
Power factor	> 0,6
Type of LED	3 CREE XLAMP
Maximum intensity	805 cd
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +55°C
Applications	Ground lighting: driveways, terraces Accent lighting: low height plants, gardens, parks, façades

OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	CODE
305 lm	5 W	61 lm/W	3000 K	LG05W30FS

Other colour temperatures and angles on request
Also available with a square collar

Accessories (pre-assembled)		Quick insulation displacement connector IP68 (as extension and splitter)	
<p>Pre-mounted extension with gland for cable diameters 8-13 mm²</p> <p>Reference : add suffix _____CP to the product code (example: LG05W30FSCP)</p>		<p>Pre-assembled T-junction with 2 glands for cable diameters 8-13 mm²</p> <p>Reference : add suffix _____CT to the product code (example: LG05W30FSCT)</p>	

Accessories (sold separately)	Spike 200mm LG05WS.PI - Mounting plate LG05WS.MP
	
LG05WS.PI	LG05WS.MP



Unit: mm



PROJO LED RANGE



The PROJO LED has been designed for exterior lighting purposes, garden walls for example, with a long-lasting solution offering an excellent performance/price ratio.

APPLICATIONS

Exterior lighting, Façades, Monuments, Gardens, ...



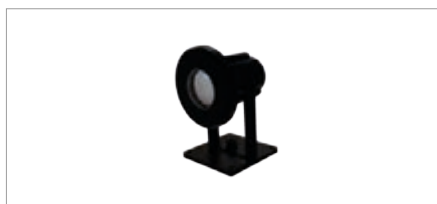


PROJO LED - 5W - 230V

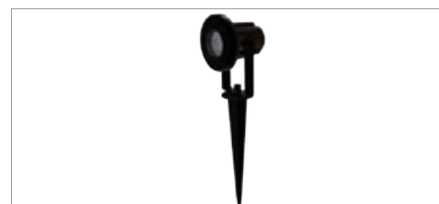


	IP67		IK08		45°		CRI >80		0.5 Kg		A		A+		A++		A+++
--	------	--	------	--	-----	--	---------	--	--------	--	---	--	----	--	-----	--	------

Materials / components	Aluminium body - 10mm thick tempered glass - Supplied with a 2m long cable H07RN-F 3G1
Colour	Black
Driver	INCLUDED: Standard (in the body of the product)
Electrical input characteristics	220-240 VAC / 0,04A / 50-60 Hz (5W)
Power factor	> 0,6
Type of LED	LED CREE
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +55°C



Projo LED with mounting plate (to be ordered separately)

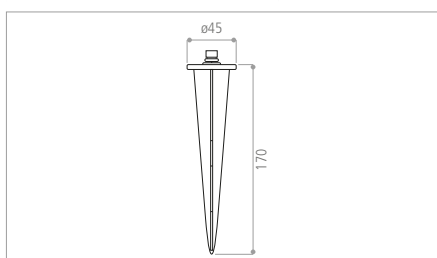


Projo LED with black spike (to be ordered separately)

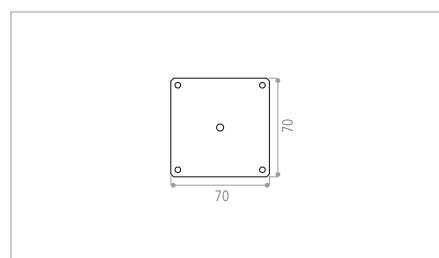
OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITHOUT DRIVER)	CCT	CODE
370 lm	5 W	74 lm/W	3000 K	MYPJ5W45W
420 lm		84 lm/W	4000 K	MYPJ5W45N

Product available in 2700K, 5000K and angle 25° on request

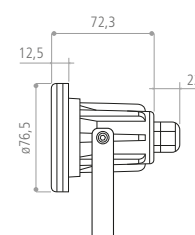
Accessories (sold separately)	Black spike 170mm MYPJ5W.PI - Black mounting plate MYPJ5W.MP
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MYPJ5W.PI



MYPJ5W.MP



Unit: mm



LUCICUP OUTDOOR RANGE



ROBUST OUTDOOR DOWNLIGHT

Galvanized steel collar
3mm thick tempered glass screen, opal
Gasket for sealing IP65 from below

PRODUCT IDEAL FOR SWIMMING POOLS AND SEAFRONT

Cataphoresis treatment of the collar for resistance against chlorine and other corrosive agents
White paint (RAL 9016) on the treated steel surface
Screws made of stainless steel

RELIABLE AND LONG-LASTING LIGHTING ELEMENT

French LED design for more than 15 years* without maintenance
Use of Citizen LED and Tridonic driver
*50 000 h, 12h, 5 days a week

APPLICATIONS

Outdoor halls, Swimming pools, Spas, Car parks, ...





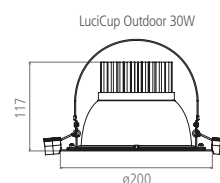
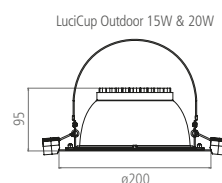
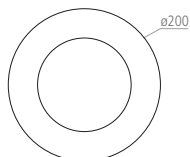
LUCICUP OUTDOOR IP65 OPAL GLASS DIFFUSER



Type	Outdoor recessed Downlight (resistant to corrosion and chlorine)
Materials / components	Galvanized steel collar with Cataphoresis treatment, colour white RAL 9016 - 3mm thick tempered glass screen, opal - Opalescent white polycarbonate body - Pure aluminium thermal dissipater (99.5%), moulded and anodised black
Driver	INCLUDED: Standard, 1-10V dimmable or DALI
Electrical input characteristics	220-240 VAC / 50-60 Hz
Power factor	> 0,9 (0,86 for 15 W)
Type of LED	LED COB Citizen
MacAdam ellipse	< 3 SDCM
Maximum intensity	900 cd (15 W)
Operating life	L80B10 = 50 000 h (Ta = 25°C)
Operating temperature	-20°C / +45°C

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	STANDARD DRIVER	DIMMABLE 1-10V DRIVER	DALI DRIVER
15 W	1355 lm	14,4 W	94 lm/W	3000 K	DLW15FST2.IP	DLW15FDM2.IP	DLW15FDA2.IP
	1400 lm		97 lm/W	4000 K	DLN15FST2.IP	DLN15FDM2.IP	DLN15FDA2.IP
20 W	1820 lm	19,6 W	93 lm/W	3000 K	DLW20FST2.IP	DLW20FDM2.IP	DLW20FDA2.IP
	1880 lm		96 lm/W	4000 K	DLN20FST2.IP	DLN20FDM2.IP	DLN20FDA2.IP
30 W	2470 lm	29,6 W	83 lm/W	3000 K	DLW30FST2.IP	DLW30FDM2.IP	DLW30FDA2.IP
	2540 lm		86 lm/W	4000 K	DLN30FST2.IP	DLN30FDM2.IP	DLN30FDA2.IP

Available in version gross STAINLESS STEEL 316L on request



Unit: mm



FLOOD RANGE



LED FLOODLIGHT IP65 ULTRA-FLAT FOR EASY AND RESISTANT INSTALLATION OFFERING AESTHETICALLY PLEASING AND ECONOMICAL LIGHTING

CAST ALUMINIUM BODY:

Ultra resistant (abrasion, sealing, impact, ...)

READY FOR CONNECTION TO THE MAINS SUPPLY:

With a 1 m cable for fast installation

FASTENING BRACKETS SWIVELLING 180°:

For accurate configuration of your installation

RANGE FROM 10W TO 50W:

Offering an ideal solution for numerous applications

APPLICATIONS

Exterior lighting, Building façades, Shop fronts, Stages, ...



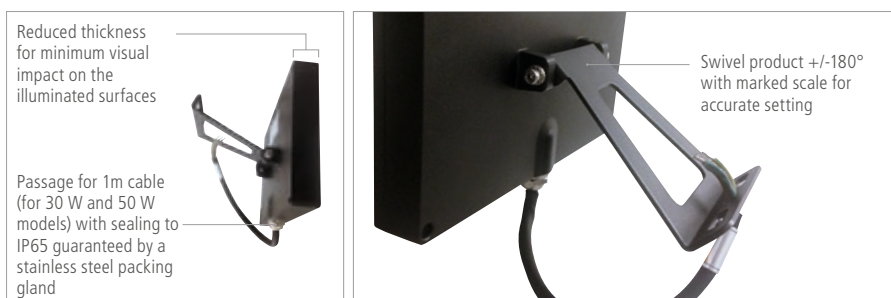


FLOOD - 10W, 30W & 50W

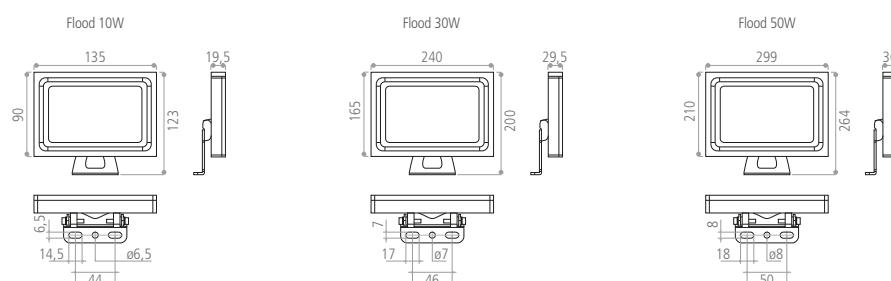


	IP65	IK07	110°	CRI >80	650°		
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Materials / components	Cast aluminium body, black - Tempered glass diffuser - Cable H05RN-F 3G 1mm ²
Driver	INCLUDED: Standard (in the body of the product)
Electrical input characteristics	230 VAC / 0,05 A / 50-60 Hz (10W) 230 VAC / 0,14 A / 50-60 Hz (30W) 230 VAC / 0,23 A / 50-60 Hz (50W)
Power factor	> 0,9
Type of LED	LED SMD
MacAdam ellipse	< 5 SDCM
Operating life	L70B50 = 40 000 h (Ta = 25°C)
Operating temperature	-20°C / +40°C



VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	WEIGHT	CODE
10 W	630 lm	10,5 W	60 lm/W	4000 K	0,44 Kg	MYFL10BN
30 W	2430 lm	30 W	81 lm/W		1,4 Kg	MYFL30BN
50 W	4210 lm	50,7 W	83 lm/W		2,36 Kg	MYFL50BN



Unit: mm



MOLENE RANGE



The MOLENE range provides an efficient and high-performance response to your medium and high power watertight lighting needs. The range comprises power ratings from 50W to 200W with a wide angle of 110°, and may be installed on a wall front or structural element of a building with its bracket.

APPLICATIONS

Exterior lighting, Industry, Building façades, Shop fronts, Stages, Car parks, ...





MOLENE - 50W, 100W & 200W

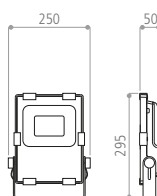


Materials / components	Pressure moulded aluminium and sheet steel body, black - Anodised aluminium reflector - Reflector protected with clear tempered glass
Colour	Black RAL 9005
Driver	INCLUDED: Standard (in the body of the product)
Electrical input characteristics	220 - 240 VAC / 0,23 A / 50-60 Hz (50W) 220 - 240 VAC / 0,46 A / 50-60 Hz (100W) 220 - 240 VAC / 0,92 A / 50-60 Hz (200W)
Power factor	> 0,95
Type of LED	LED Philips
Operating life	L70B50 = 50 000 h (Ta = 25°)
Operating temperature	-30°C / +35°C

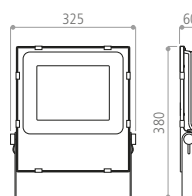


VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	WEIGHT	CODE
50 W	6600 lm	50 W	132 lm/W	5000 K	2 Kg	T020AM0001
100 W	13050 lm	100 W	131 lm/W		3,8 Kg	T020AM0003
200 W	26400 lm	200 W	132 lm/W		5,8 Kg	T020AM0004

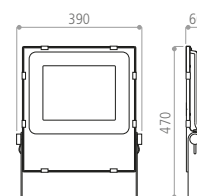
Molene 50W



Molene 100W



Molene 200W



Unit: mm



ASYMO RANGE



The ASYMO range is composed for outdoor floodlights with an asymmetric angle, designed for directed lighting of a specific zone such as a shop front or parking zone. Asymo is designed with fine curves, particularly efficient for the evacuation of rain water, with a moulded aluminium body, designed to resist exterior aggressions.

APPLICATIONS

Exterior lighting, Industry, Building façades, Shop fronts, Stages, Car parks, ...





ASMO - 60W, 100W & 200W

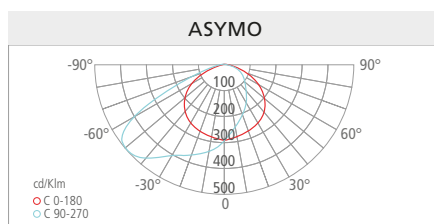


	IP65	IK08	Asym (57°)	CRI >70		
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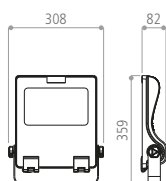
Materials / components	Pressure moulded aluminium body, black - Cover made of transparent tempered glass
Colour	Black RAL 9017
Driver	INCLUDED: Standard (in the body of the product)
Electrical input characteristics	220 - 240 VAC / 0,27 A / 50-60 Hz (60W) 220 - 240 VAC / 0,46 A / 50-60 Hz (100W) 220 - 240 VAC / 0,92 A / 50-60 Hz (200W)
Power factor	> 0,95
Type of LED	LED Nichia
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-30°C / +40°C



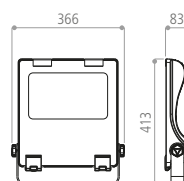
VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	WEIGHT	CODE
60 W	7500 lm	60 W	125 lm/W	5000 K	4,5 Kg	T061AB0002
100 W	12500 lm	100 W	124 lm/W		6,3 Kg	T061AB0004
200 W	25100 lm	200 W	126 lm/W		8,6 Kg	T061AB0005



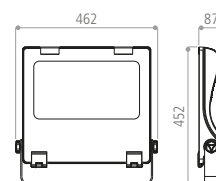
Asmo 60W



Asmo 100W



Asmo 200W



Unit: mm



MOONLED V2 RANGE



A LUMINAIRE THAT RESISTS DAILY HAZARDS

Impact-resistant polycarbonate diffuser (IK10)

High resistance to dust and humidity (IP65)

Theft-proof screw, removable only with the specific screwdriver supplied

A MULTI-PURPOSE LED LIGHT

Flux range from 1350 lm to 2450 lm depending on the application

Available with movement detector and luminosity threshold with extinction warning

Surface-mounted on walls and ceilings

A SUSTAINABLE INVESTMENT

Over 40% saving compared to the fluocompact porthole lights

Lighting efficiency 120 lm/W

Reduced maintenance (operating life 50 000 h)

APPLICATIONS

Industry, Residences, Car parks, ...



School complex «Alphonse Daudet», Rueil-Malmaison (France)



MOONLED V2 - 12W & 22W



	IP65		IK10		120°		CRI >80		850°		1.2 kg		
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Materials / components	White polycarbonate body - Opal polycarbonate diffuser
Driver	INCLUDED: Standard and tri-level if detector
Electrical input characteristics	220-240 VAC / 0,05A / 50-60 Hz (12W) 220-240 VAC / 0,11A / 50-60 Hz (22W)
Power factor	> 0,9
MacAdam ellipse	< 3 SDCM
Operating life	L70B50 = 50 000 h (Ta = 25°C)
Operating temperature	-25°C / +40°C
Accessories	Provided: Anti-vandalism screw and assembly tooling

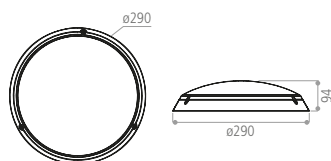
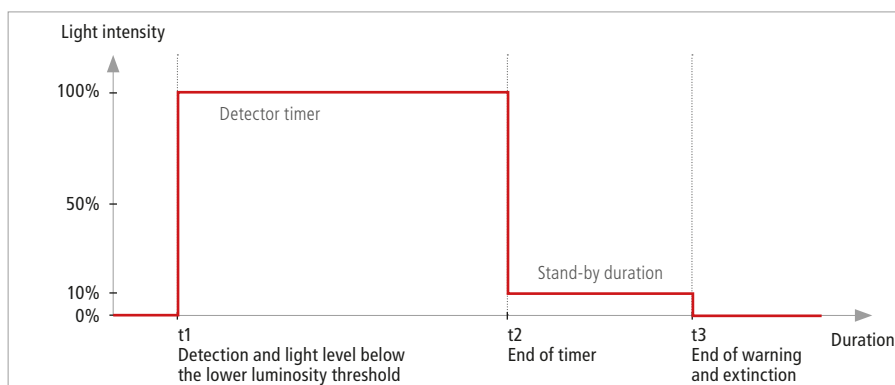


- 1- Terminals without screw for fast wiring
- 2- Manual adjustment of the DIP sensor
- 3- Anti-theft screw
- 4- Polycarbonate diffuser and base

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	DRIVER	CODE
12 W	1350 lm	11,4 W	118 lm/W	4000 K	ON/OFF	LML12NW2
					Scale with detector	LML12NW2DET
22 W	2450 lm	22,1 W	111 lm/W	4000 K	ON/OFF	LML22NW2
					Scale with detector	LML22NW2DET

The detector is equipped as standard with an extinction warning mode, a luminosity threshold, a threshold level and timer before re-lowering the threshold.

Porthole with extinction warning (version scale with detector)



Unit: mm



ART RANGE



A LIGHTING ELEMENT WHICH BECOMES AN ADDITIONAL PIECE OF FURNISHING, FOR BOTH INDOOR AND OUTDOOR USE

The ART wall light range is designed for modern and functional projects, both indoor as well as outdoor. The lines are clearly defined and the lighting quality perfectly homogeneous. The product comprises a watertight LED module of the latest generation and the range may be customised with a wide choice of coloured masks. White polycarbonate base, produced with clean injection moulding process. Polycarbonate diffuser with triple stabilisation against UV rays, very thick with PoliGLASS finish, obtained with clean injection moulding. Silicon seal to maintain the level IP66. Click opening and closing without screws. Incorporated for a safety screw. Fastening kit to maintain the IP level included.






APPLICATIONS

Hotels, Restaurants, Residences, ...



ART - 10W & 20W



				
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Materials / components	Polycarbonate diffuser with «glass» effect
Colours	White (light grey, Anthracite grey and weathered on request)
Driver	INCLUDED: Standard (in the body of the product)
Electrical input characteristics	220-240 VAC / 0,05 A / 50-60 Hz (10 W) 220-240 VAC / 0,1 A / 50-60 Hz (20 W)



Coloured masks (Light grey, Anthracite grey, Black or Weathered available on request) - Supplied white as standard



VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	DIMENSIONS	CODE
ART 100	760 lm	10 W	76 lm/W	3000 K	250x100x55mm	LL1160003
	800 lm		80 lm/W	4000 K		LL116000N

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	DIMENSIONS	CODE
ART 100 TOP	460 lm	10 W	46 lm/W	3000 K	250x100x55mm	LL1160013
	485 lm		49 lm/W	4000 K		LL116001N
ART 100 TOP DETECT	460 lm	10 W	46 lm/W	3000 K	250x100x55mm	LS1160013
	485 lm		49 lm/W	4000 K		LS116001N

Light grey, Anthracite grey, Black or Weathered cover available on request

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	DIMENSIONS	CODE
ART 250	1570 lm	20 W	78 lm/W	3000 K	250x250x55mm	LL1161003
	1650 lm		83 lm/W	4000 K		LL116100N

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	DIMENSIONS	CODE
ART 250 MASK	1235 lm	20 W	62 lm/W	3000 K	250x250x55mm	LL1161013
	1300 lm		65 lm/W	4000 K		LL116101N
ART 250 MASK DETECT	1235 lm	20 W	62 lm/W	3000 K	250x250x55mm	LS1161013
	1300 lm		65 lm/W	4000 K		LS116101N

Light grey, Anthracite grey, Black or Weathered cover available on request



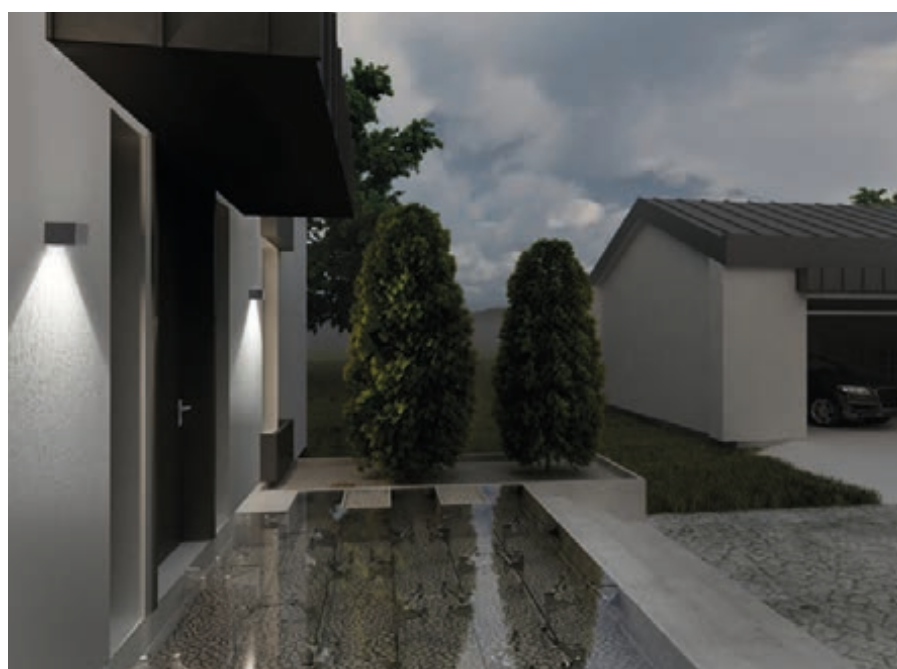
TREND RANGE



The TREND wall light range is designed to highlight the outside walls of buildings. Watertight and shock-resistant, this range of sober and elegant design is available in various shapes, power ratings, directs and indirect lighting.

APPLICATIONS

Hotels, Restaurants, Residences, ...



TREND - 7W & 15W



Materials / components	Body, rings and cap made of injected aluminium treated to resist oxidation - Polycarbonate diffuser with triple stabilisation against UV rays - Silicon seal - Aluminium reflector - Stainless steel screws
Colours	White (light grey, Anthracite grey and weathered on request)
Driver	INCLUDED: Standard (in the body of the product)
Electrical input characteristics	220-240 VAC / 0,04 A / 50-60 Hz (7 W) 220-240 VAC / 0,08 A / 50-60 Hz (15 W)



VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	DIMENSIONS	CODE
TREND 110	500 lm	7 W	71 lm/W	3000 K	115x80x115mm	LL1080693
	525 lm		75 lm/W	4000 K		LL108069N
TREND 110 UP / DOWN	500 lm		71 lm/W	3000 K		LL1080123
	525 lm		75 lm/W	4000 K		LL108012N

Light grey, Anthracite grey and weathered on request



VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	DIMENSIONS	CODE
TREND 220	1800 lm	15 W	120 lm/W	3000 K	220x80x115mm	LL49413
	1875 lm		125 lm/W	4000 K		LL4941N
TREND 220 UP / DOWN	1900 lm		127 lm/W	3000 K		LL49513
	2060 lm		137 lm/W	4000 K		LL4951N

Light grey, Anthracite grey and weathered on request



CITIZEN RANGE



ELEGANT EXTERIOR LAMP FOR RESIDENTIAL PEDESTRIAN ZONES

Lighting element designed by a creator, elegant, contemporary, decorative and functional for residential and pedestrian zones. Optimised lens design for perfect control of glare and cut-off adapted to pedestrians. No light emission upwards. Designed to replace inefficient light bulbs with provide an intrusive and polluting light source, with an excellent quality/price ratio.

APPLICATIONS

Residences, Squares, Schools, Parks, Bicycle paths, Nature trails, ...





CITIZEN CLEAR & SOFT - 24W, 32W, 48W & 64W

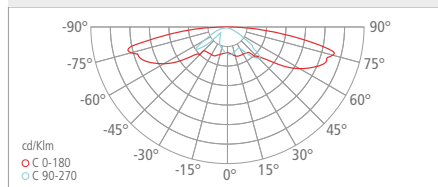
Tête					

Materials / components	Top cover made of injected aluminium - Bayer Makrolonm, high-quality, ultra-transparent polycarbonate diffuser
Colours	Grey RAL 9006 (other colours on request)
Driver	INCLUDED: Driver incorporated with SPD protection to preserve the lighting element in case of voltage surges up to 10kV
Electrical input characteristics	220-240VAC / 50-60Hz
Power factor	> 0,9
Type of LED	Module B-Flex standard Zhaga ADVANCE range
Operating life	L80B10 = 100 000 h (Ta = 25°C)
Operating temperature	-20°C / +50°C

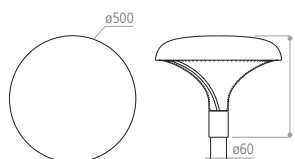
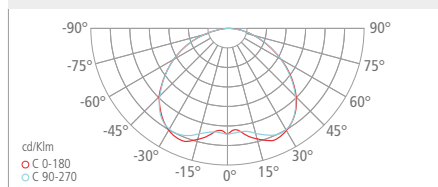


Parks and gardens Bicycle paths Residential roads

LENS T2 - ROAD



LENS T5 - WIDE



Unit: mm

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	LENS	CODE
Clear 24 W	3240 lm	27 W	120 lm/W	4000 K	T2 road	ILCZ01242220
Clear 32 W	4200 lm	35 W				ILCZ01642220
Clear 48 W	6360 lm	53 W				ILCZ02442220
Clear 64 W	8520 lm	71 W				ILCZ03242220
Soft 24 W	3105 lm	27 W	115 lm/W		T5 wide	ILCZ01245220
Soft 32 W	4025 lm	35 W				ILCZ01645220
Soft 48 W	6085 lm	53 W				ILCZ02445220
Soft 64 W	8615 lm	71 W				ILCZ03245220

Other RAL paint and seafront protection treatment available on request

Accessories (sold separately)

Citizen mast 3,6m **ICCZ36** :
 Elegant and contemporary - Manufactured with a cylindrical tube moulded at 700°C without weld seam to ensure a perfect finish - Unique height of 3.6 metres - Colour grey RAL 9006 (other colours available on request)
 Coloured decorative ring:
ILCZACC01 (blue), **ILCZACC02** (orange), **ILCZACC03** (yellow), **ILCZACC04** (green)



ICCZ36



ILCZACC01 / ILCZACC02 / ILCZACC03 / ILCZACC04



STREETY RANGE



The STREETY range is a range of street lights of sober and robust design. The incorporated lenses are designed to avoid glare for users in accordance with standard LIC EN 13 201-1. The various power ratings enables the STREETY range to meet the needs of your various street or motorway lighting application.

APPLICATIONS


Residential and urban streets, Car parks, Public parks, Squares, Avenues, Dual carriageways, Motorways, ...





STREETY - Small & Medium



	IP66	IK09	CX 0,032 / 0,141*	CX 0,035 / 0,179**	ULOR < 1%	CRI >70
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* Windbreak side / top: STREETY S

** Windbreak side / top: STREETY M

Materials / components	Pressure moulded aluminium body - Cover made of transparent tempered glass - Inclining pressure moulded aluminium pin
Colours	Grey RAL 9006 (other colours on request)
Driver	INCLUDED: Driver incorporated
Electrical input characteristics	220-240VAC / 50-60Hz
Power factor	> 0,95
Operating life	L80B10 = 50 000 h (Ta = 25°C)
Operating temperature	-30°C / +40°C
Installation	Fastening to 60mm diameter tubes, from the top or from the side

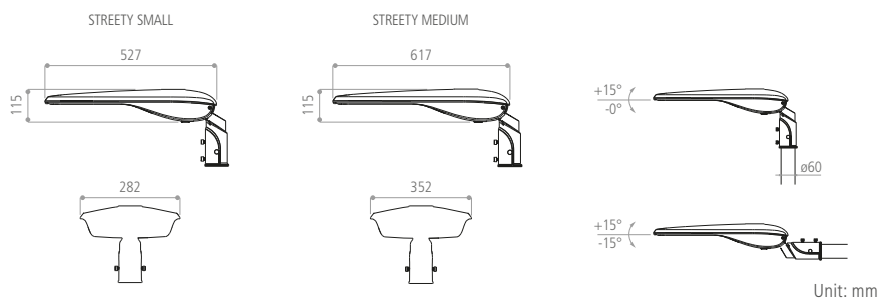
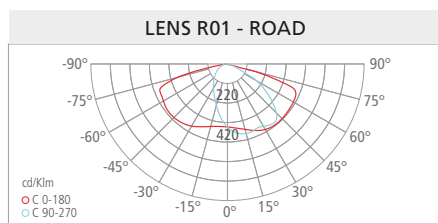


Details of lenses



Inside the product

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	RECOMMENDED INSTALLATION HEIGHT	LENS	WEIGHT	CODE	
Small 30 W	3450 lm	30 W	115 lm/W	4000 K	5-8 m	R01 road	5 Kg	H056BH0018	
Small 35 W	4450 lm	35 W	127 lm/W					H056BH0019	
Small 50 W	5900 lm	50 W	118 lm/W					H056BH0020	
Medium 77 W	9300 lm	77 W	121 lm/W		7-10 m		9 Kg	T056BH0002	
Medium 88 W	10400 lm	88 W	118 lm/W		8-12 m		9,2 Kg	T056BH0004	
Medium 125 W	14000 lm	125 W	112 lm/W					T056BH0005	





ELIUM RANGE



AERODYNAMICALLY DESIGNED, ANTI-GLARE OUTDOOR FLOODLIGHT

ELIUM is a lighting element of extra-flat, aerodynamic design. Designed for road lighting applications, it is very useful for a wide range of other applications thanks to its three sizes and two lenses available. Perfect for installation on masts between 4 and 12 metres in height.

APPLICATIONS


Residential and urban streets, Car parks, Public parks, Squares, Avenues, Dual carriageways, Motorways, ...





ELIUM on bracket - Mini, Small & Medium



	IP66	IK09	CX 0,04	ULOR <1%	CRI >70
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Materials / components	Top cover made of injected aluminium - High impact resistance tempered glass
Colours	Grey RAL 9006 (other colours on request)
Driver	INCLUDED: Driver incorporated with SPD protection to preserve the lighting element in case of voltage surges up to 10kV
Electrical input characteristics	220-240VAC / 50-60Hz
Power factor	> 0,9
Type of LED	Module B-Flex standard Zhaga ADVANCE range
Operating life	L80B10 = 100 000 h (Ta = 25°C)
Operating temperature	-20°C / +50°C
Installation	Bracket fastening

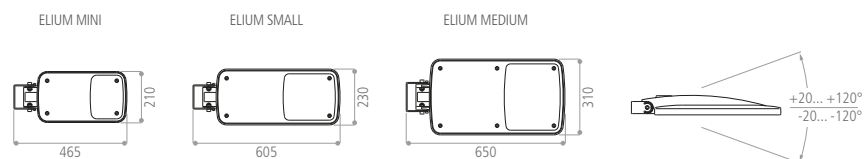
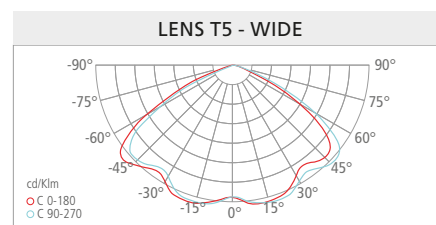
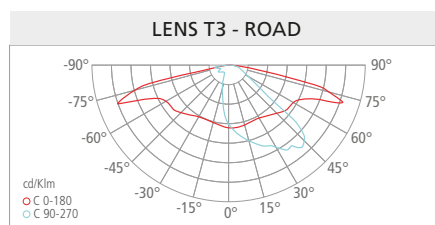


Large space

Roundabout

Parking space

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	LENS	WEIGHT	CODE
Mini 32 W	4095 lm	35 W	117 lm/W	4000 K	T3 road	4 Kg	ILLI01643222
					T5 wide		ILLI01645222
Small 64 W	8310 lm	71 W	117 lm/W	4000 K	T3 road	7 Kg	ILLI03243222
					T5 wide		ILLI03245222
Medium 128 W	15910 lm	136 W	117 lm/W	4000 K	T3 road	9 Kg	ILLI06443222
					T5 wide		ILLI06445222



Unit: mm

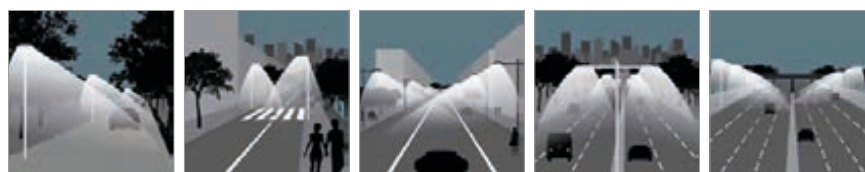


ELIUM on mast - Mini, Small & Medium



	IP66	IK09	CX 0,04	ULOR < 1%	CRI > 70
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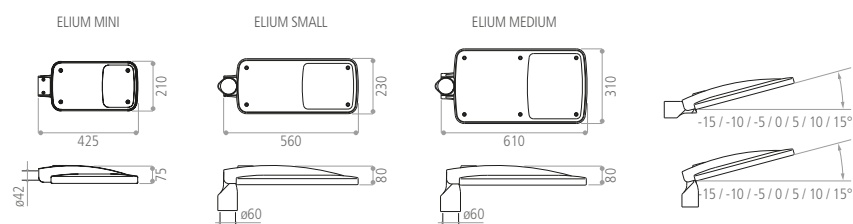
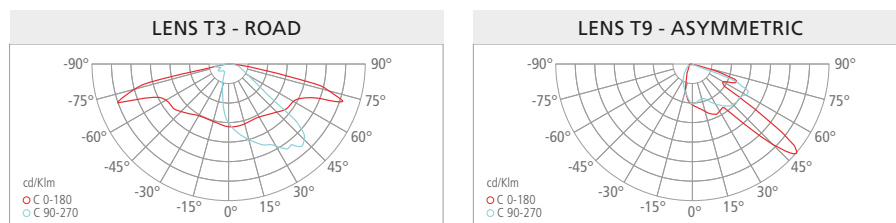
Materials / components	Top cover made of injected aluminium - High impact resistance tempered glass
Colours	Grey RAL 9006 (other colours on request)
Characteristics	Swivel head from -15° to +15°
Driver	INCLUDED: Driver incorporated with SPD protection to preserve the lighting element in case of voltage surges up to 10kV
Electrical input characteristics	220-240VAC / 50-60Hz
Power factor	> 0,9
Type of LED	Module B-Flex standard Zhaga ADVANCE range
Operating life	L80B10 = 100 000 h (Ta = 25°C)
Operating temperature	-20°C / +50°C
Installation	Mini: Fastening to 42mm diameter tubes, from the side Small & Medium: Fastening to 60mm diameter tubes, from the top or from the side



Narrow roads Pedestrian crossings Urban roads Avenues Motorway

VERSION	OUTPUT LUMINOSITY	POWER CONSUMPTION (WITH DRIVER)	LIGHTING EFFICIENCY (WITH DRIVER)	CCT	LENS	WEIGHT	CODE
Mini 32 W	4095 lm	35 W	117 lm/W	4000 K	T3 road	4 Kg	ILLI01643221
Small 32 W	4095 lm	35 W			T3 road		ILLI01643220
Small 64 W	8307 lm	71 W	117 lm/W	4000 K	T9 asymmetric	7 Kg	ILLI03243220
					T9 asymmetric		ILLI03249220
Médium 96 W	12402 lm	106 W			T3 road		ILLI04843220
			117 lm/W	4000 K	T9 asymmetric	9 Kg	ILLI04849220
Médium 128 W	15912 lm	136 W			T3 road		ILLI06443220

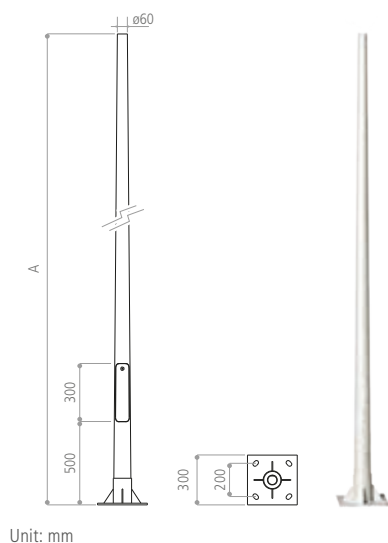
Options available on request: Other RAL paint and seafront protection treatment



Unit: mm

LANTERN ACCESSORIES

to be ordered separately



MAST - 4 to 6m - ø60mm

Materials / components	Steel S-235-JR hot galvanized
Characteristics	Cylindrical-conic mast in a single piece with interior weld seam

VERSION	DIMENSION A	COMPATIBILITY	CODE
4 m	4000 mm	CITIZEN - ELIUM Small & Medium - STREETY Small & Medium range	ICAP40SSPP
5 m	5000 mm		ICAP50SSPP
6 m	6000 mm		ICAP60SSPP

Prices are indicated ex. shipping costs.

RAL paint to specifications and seafront protection treatment on request.
Heights of 7m, 8m, 9m, 10m and 12m on request.

OFFSET ARM - 1 to 4 floodlights

Materials / components	Steel S-235-JR galvanized
------------------------	---------------------------



Offset arm, 2 heads



Offset arm, 3 heads

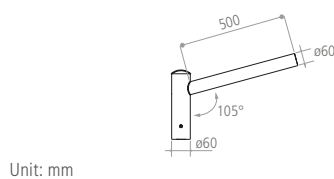


Offset arm, 4 heads

VERSION	COMPATIBILITY	CODE
1 head	CITIZEN - ELIUM Small & Medium - STREETY Small & Medium range	IRAP5S
2 heads		IRAP5D
3 heads		IRAP5T
4 heads		IRAP5Q

Prices are indicated ex. shipping costs.

RAL paint to specifications and seafront protection treatment on request.



WALL BRACKET - 1 floodlight

Materials / components	Steel S-235-JR galvanized
Characteristics	Swivels to +15°

VERSION	COMPATIBILITY	CODE
1 head	CITIZEN - ELIUM Small & Medium - STREETY Small & Medium range	IRAP500

Prices are indicated ex. shipping costs.

RAL paint to specifications and seafront protection treatment on request.

Drivers

Drivers






ON/OFF DRIVERS



IP20

PF
> 0,9




PICTURE	POWER	PRIMARY	SECONDARY	VARIATION	TA	TC MAX	COMPATIBILITY	DIMENSIONS	WEIGHT	GUARANTEE	CODE
	10 W	0,06A 220..240Vac 50/60Hz	500mA 14..20V 7..10W	ON/OFF	-25°C / +50°C	80°C	Powerlight COB	102x51x22mm	61 g	5 years	LC10W500
	25 W	0,04..0,11A 110..277V 50/60Hz	700mA 12.36Vdc 8,5..25W	ON/OFF	-20°C / +45°C	80°C	LuciPanel 300x300 / 300x600	131x38x29mm	115 g	3 years	LC125/700-A-UN
	35 W	0,07A 100..277Vac 50/60Hz	700mA 36..48Vdc 25..35W	ON/OFF	-20°C / +40°C	80°C	LuciPanel 675x675 / 1200x200 / 1200x300 / 1200x200 double-side	145x43x29mm	170 g	3 years	STD024A
STANDARDS		LC10W500 : EMC EN55015 - EN61000-3-2 - EN61000-3-3 - EN61547 / LVD EN61347 - EN62384 LC125/700-A-UN & STD024A : EMC EN55015 - EN61000 class C - EN61547 / LVD EN61347 - EN62493 - EN62560									

1-10V DRIVERS



IP20

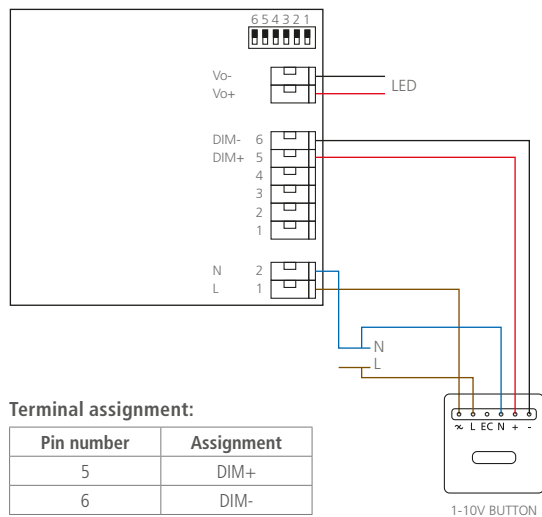
PF
> 0,9

PICTURE	POWER	PRIMARY	SECONDARY	VARIATION	TA	TC MAX	COMPATIBILITY	DIMENSIONS	WEIGHT	GUARANTEE	CODE
	10 W	0,06A 198..264Vac 50/60Hz	500mA 10..20V 5..10W	Increasing and decreasing phase isolation and 1-10V variation	-20°C / +40°C	60°C	Powerlight COB	102x51x30mm	61 g	5 years	LCBI10W500
	40 W	0,23A 180..295Vac 50/60Hz	350 / 500 / 600 / 700 / 900 / 1050 mA 0..40W	1-10V	-30°C / +60°C	90°C	Lighting elements in this range up to 40W	124x82x23mm	190 g	3 years	LCM-40
	60 W	0,32A 180..295Vac 50/60Hz	500 / 600 / 700 / 900 / 1050 / 1400 mA 0..60W	1-10V	-30°C / +60°C -25°C / +45°C (900mA / 1050mA)	90°C	Lighting elements in this range up to 60W	124x82x23mm	190 g	3 years	LCM-60
STANDARDS		LCBI10W500 : EMC EN55015 - EN61000-3-2 - EN61000-3-3 - EN61547 / LVD EN61347 - EN62384 LCM-40 & LCM-60 : UL8750 / ENEC EN61347-1 - EN61347-2-13 - EN62384 - EN55015 - EN61000-3-2 - Class C - EN61000-3-3 - EN61000-4-2,3,4,5,6,8,11 - EN55024 - EN61547									

1-10V DRIVERS : LCM-40 / LCM-60



Wiring



For the LuciPanel:
Driver delivered with dedicated connection cable **1W0065VB** (+ = wires with white border / - = transparent wires)

Accessories (sold separately) Synchronisation cable **CSDIM003B** (length 4m): Synchronisation of several dimmable drivers (10 max) with a single control button (1 master, 9 slaves)







CSDIM003B

DALI DRIVERS



IP20

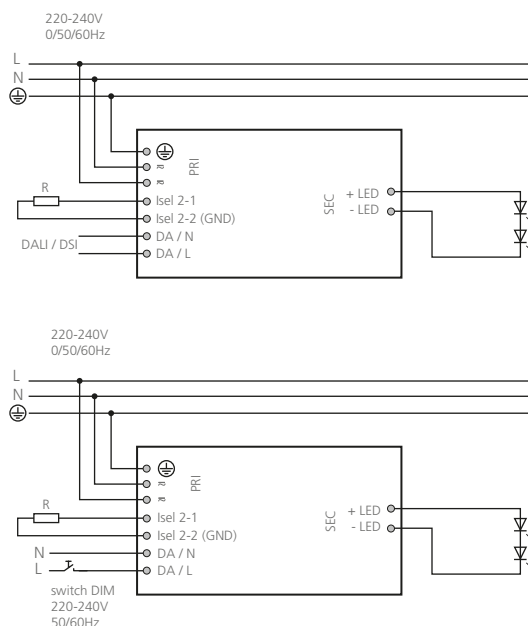
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PICTURE	POWER	PRIMARY	SECONDARY	VARIATION	TA	TC MAX	COMPATIBILITY	DIMENSIONS	WEIGHT	GUARANTEE	CODE
	25 W	0,13A 198..264Vac 50/60Hz	350..1050mA 20..50V 7..25W	DALI - push button	-25°C / +60°C -25°C / +55°C (450mA / 500mA / 550mA / 600mA))	75°C 80°C (350mA / 400mA)	Lighting elements in this range up to 25W	200x70x31mm	176 g	5 years	LCA25one4all
	45 W	0,23A 198..264Vac 50/60Hz	500..1400mA 25..50V 30..45W	DALI - push button	-25°C / +50°C	85°C 87°C (850mA / 900mA / 1400mA)	Lighting elements in this range up to 45W	215x70x31mm	231 g	5 years	LCA45one4all
	40 W	0,23A 180..295Vac 50/60Hz	350 / 500 / 600 / 700 / 900 / 1050 mA 0..40W	DALI - push button	-30°C / +60°C	90°C	Lighting elements in this range up to 40W	124x82x23mm	240 g	3 years	LCM-40DA
	60 W	0,32A 180..295Vac 50/60Hz	500 / 600 / 700 / 900 / 1050 / 1400 mA 0..60W	DALI - push button	-30°C / +60°C -25°C / +45°C (900mA / 1050mA)	90°C	Lighting elements in this range up to 60W	124x82x23mm	240 g	3 years	LCM-60DA
STANDARDS		LCA25one4all & LCA45one4all : EN55015 - EN61000-3-2 - EN61000-3-3 - EN61347-1 - EN61347-2-13 - EN62384 - EN61547 - EN62386-101 (DALI-2) - EN62386-102 (DALI-2) - EN62386-207 (DALI-2) - According to EN50172 - According to EN60598-2-22 LCM-40DA & LCM-60DA : UL8750 / ENEC EN61347-1 - EN61347-2-13 - EN62384 - EN55015 - EN61000-3-2 - Class C - EN61000-3-3 - EN61000-4-2,3,4,5,6,8,11 - EN55024 - EN61547									

DALI DRIVERS : LCA25one4all / LCA45one4all



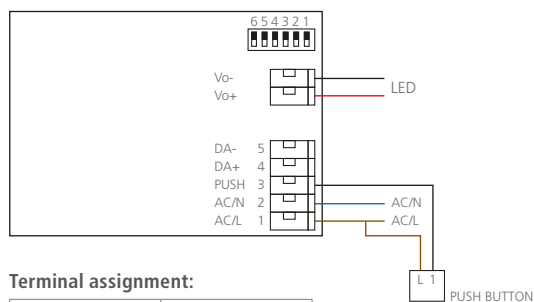
Wiring



DALI DRIVERS : LCM-40DA / LCM-60DA



Wiring



Terminal assignment:

Pin number	Assignment
4	DA+
5	DA-

For the LuciPanel:

Driver delivered with dedicated connection cable **1W0065VB** (+ = wires with white border / - = transparent wires)


Accessories (sold separately)

Synchronisation cable **CSDIM003B** (length 4m): Synchronisation of several dimmable drivers (10 max) with a single control button (1 master, 9 slaves)





CSDIM003B

ENOCEAN KITS

PICTURE	DESCRIPTION	COMPATIBILITY	GUARANTEE	CODE
	CC kit for luminaires: EnOcean 40W supply kit + 1 touch associated push-button	Lighting elements in this range up to 40W	3 years	KIT-CC-40EO
	CC kit for luminaires: EnOcean 60W supply kit + 1 touch associated push-button	Lighting elements in this range up to 60W	3 years	KIT-CC-60EO
	CV kit for 24V linear fixtures: EnOcean 12-24V controller kit + 1 touch associated push-button	Linears in this range	3 years	KIT-CV-EO

ENOCEAN SWITCHES



PICTURE	DESCRIPTION	COMPATIBILITY	WEIGHT	GUARANTEE	CODE
	EnOcean single switch	EnOcean drivers, controller and kits	70 g	3 years	INTS-EO
	EnOcean double switch	EnOcean drivers, controller and kits	70 g	3 years	INTD-EO

EMISSION POWER	EMISSION FREQUENCY	TA	SWITCHING CYCLE	INSTALLATION ALTITUDE	RELATIVE HUMIDITY IN THE AIR	ENOCEAN EQUIPMENT PROFILE
10 m/W max	868,3 MHz	-25°C / +65°C	100 000	2000 m max.	0%..95%	F6-02-01

INSTALLATION

The switch does not need to be connected electrically and operation is autonomous. It may be installed in various configurations:

- Mounted on a piece of furniture
- Wall-mounted

SIGNAL RANGE INSIDE A BUILDING




Plaster board / wood: 30 m, through 5 partitions maximum
Brickwork: 20 m, through 3 partitions maximum
Reinforced concrete: 10 m, through 1 wall / ceiling maximum

REMARK:

The range between the emitter and receiver decreases as the distance increases. In case of a line-of-sight connection, the range is approximately 30 m in corridors and 100 m in halls.

ENOCEAN DRIVERS



PICTURE	POWER	PRIMARY	SECONDARY	VARIATION	TA	TC MAX	COMPATIBILITY	DIMENSIONS	WEIGHT	GUARANTEE	CODE
	40 W	0,23A 180..295Vac 50/60Hz	350 / 500 / 600 / 700 / 900 / 1050 mA 0..40W	EnOcean	-30°C / +60°C	90°C	Lighting elements in this range up to 40W	124x82x23mm	240 g	3 years	LCM-40EO
	60 W	0,32A 180..295Vac 50/60Hz	500 / 600 / 700 / 900 / 1050 / 1400 mA 0..60W	EnOcean	-30°C / +60°C -25°C / +45°C (900mA / 1050mA)	90°C	Lighting elements in this range up to 60W	124x82x23mm	240 g	3 years	LCM-60EO
	648 W max in 24V spread over 6 channels	27A max 10..32Vdc 50/60Hz	27A max 4,5A max per channel	EnOcean	-40°C / +60°C	85°C	Drivers 24V	110x78x27mm	120 g	3 years	WPD-06

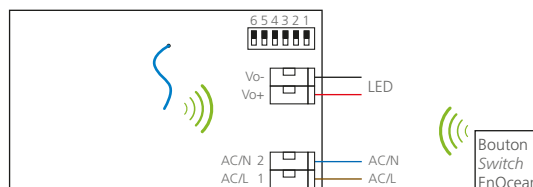
STANDARDS

LCM-40EO & LCM-60EO : UL8750 / ENEC EN61347-1 - EN61347-2-13 - EN62384 - EN55015 - EN61000-3-2 - Class C - EN61000-3-3 - EN61000-4-2,3,4,5,6,8,11 - EN55024 - EN61547
WPD-06 : ENEC EN61347-1 - EN61347-2-13 - EN61347-2-11 - EN55015 / ETSI EN300220-1 - EN300220-2 - EN301489-1 - EN61547

ENOCEAN DRIVERS : LCM-40EO / LCM-60EO



Wiring



For the LuciPanel:

Driver delivered with dedicated connection cable **1W0065VB** (+ = wires with white border / - = transparent wires)

Accessories (sold separately)

Synchronisation cable **CSDIM003B** (length 4m): Synchronisation of an EnOcean driver and the DALI drivers with a single control button (1 EnOcean master, 9 DALI slaves) - Single EnOcean switch **INTS-EO** or double EnOcean switch **INTD-EO**: Wireless control without batteries with EnOcean switches compatible with driver LCM-40/60EO



CSDIM003B



INTS-EO

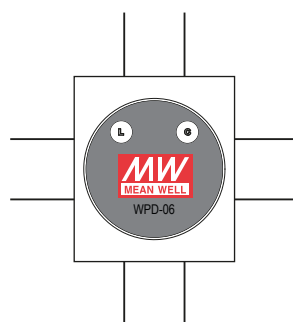


INTD-EO

ENOCEAN DRIVER : WPD-06



Wiring



2 channels for power supply:

Select the 24V transformer size according to the total output power of the driver WPD-06.

Example: for 6 channels of 50W, select a 300W supply.

6 channels of 24V each independently controlled.

Max. power for each channel: 108W.

All channels may be lined to the same ENOCEAN switch.

Accessories (sold separately)

Connectors **WPD-06CON** (x8) for WPD-06 - 24V power supplies available in the catalog - Single EnOcean switch **INTS-EO** or double EnOcean switch **INTD-EO**: Wireless control without batteries with EnOcean switches compatible with driver WPD-06



WPD-06CON



24V power supplies



INTS-EO



INTD-EO

Technical Specifications

Lighting guide

Glossary

Pictograms

How do you estimate the operating life of your products?

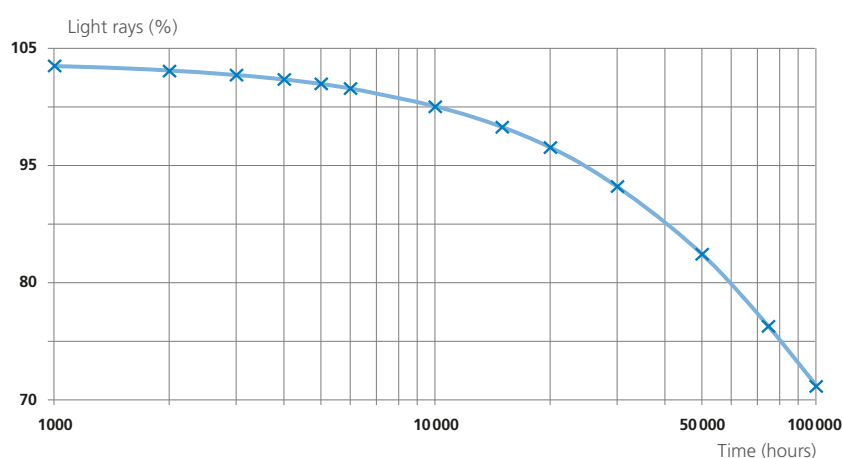
First of all, **the operating life we indicate for our products** is not the amount of time before they stop working, but **the duration after which they only emit 80% of their initial light**.

Our products' operating life is calculated on **the basis of the working lives of their key components**, i.e. the LEDs and the critical electronic components. We select our critical electronic components according to their operating life at the rated operating temperature, to ensure that the electronic portion functions throughout the product's operating life

Our LEDs are tested for 6000 hrs (more than 8 months) at different temperatures, and we record a temperature measurement every 1000 hrs, thus allowing us to define the LM80 for the LED. This enables us to calculate the product's TM21, i.e. the forecast of its decrease in light emission over time. This is how we reach the result indicating that at its rated operating temperature, after 50 000 hrs the product will only emit 80% of its initial light.

This is how LED operating life is determined.

Luminosity maintenance diagram



What is the impact of your LED products on vision?

All of our LED products are certified by the "Photo-biological safety of lamps and lamp systems" (norm NF EN 62471).



This norm defines the different features that need to be respected in order to avoid different risks for skin and eyes. In this matter, ultraviolet, infrared and blue light are measured in order to determine the risk levels for users.

The main feature of LED is the blue light that is emitted as it may have a negative effect on persons exposed. When this light is controlled it is inoffensive for the end user. The product is therefore certified RG0 or RG1 (Risk Group), which is the case for all lighting elements proposed by Lucibel.



All light sources have to be categorized in risk groups indicating the safety levels of emitted lighting:

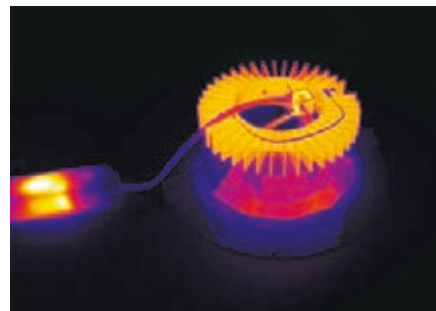
Group	General description
Group 0 - Harmless	No photo-biological risks
Group 1 - Low risk	No photo-biological risks in normal-use conditions
Group 2 - Moderate risk	No photo-biological risk due to the aversion response to very bright light sources or due to thermal discomfort
Group 3 - High risk	Potential risk even during a short exposition

How do you dissipate the heat emitted by the LEDs?

An increase in the temperature in the LED core will have a negative impact on its operating life and performances. To prevent this, LUCIBEL has made it a top priority to control heat dissipation in its products.

Below is an example of heat management and distribution in our Lucicup Downlight.

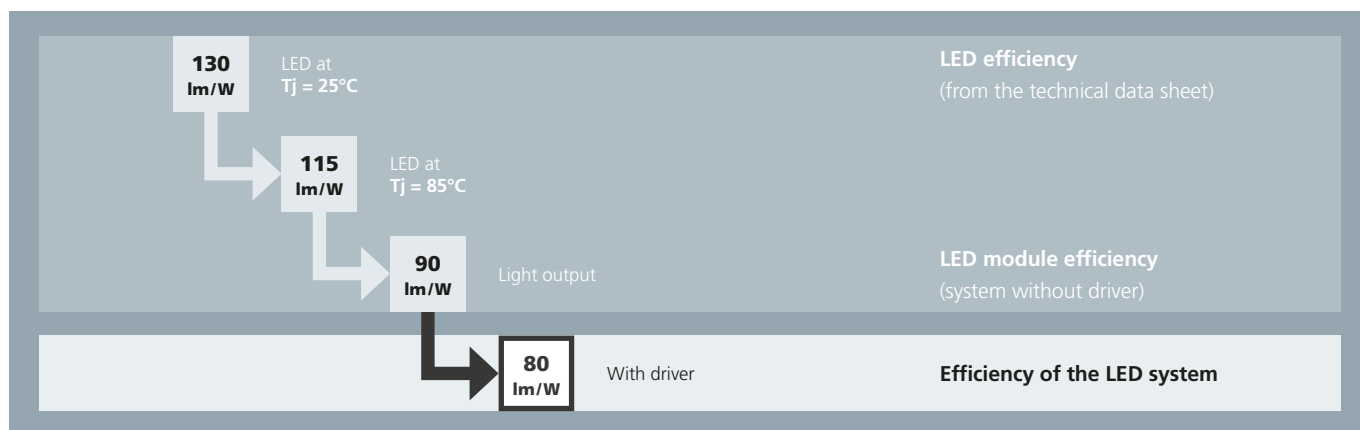
In order to effectively evacuate the heat produced by the LED, LUCIBEL heat sinks are made of aluminium with high thermal conductivity. The heat sink (an extruded part with fins) is designed to lead the heat towards the ambient air and evacuate it by convection.



What do you take into account in your energy efficiency calculation?

(There are often large differences between suppliers)

The energy efficiency of the system in lumens per watt reflects the ratio of the light emitted over the power consumed. It is a **very useful value when comparing two different products or technologies**. To be relevant, this efficiency must be that of the complete system (including the LED source and the driver), and all comparisons should be made between systems. Here you can see for example the difference between the efficiency of the LED and the efficiency of the system:



It should also be noted that **efficiency is not the only parameter to be taken into account**. For example, the Colour Rendering Index (CRI) is also important, since the higher it is, the lower the efficiency. Photometry is also crucial: a lighting element may be very efficient and yet not direct the light where it is necessary! In this case it is better to have less efficiency, but with a beam focused on the useful surface area to be illuminated.

Do your products comply with the latest eco-design directives?

ErP2 or DIM2

Yes, our products are developed and tested in compliance with the directive 2009/125/CE, which has been applicable since September 2013 and sets a minimum performance level for LED-based lighting and other technologies. This concerns key values such as energy efficiency, colour deviation, the power factor, etc. The directive also requires more detailed communication of product information to users (via technical data sheets, packaging and a website).

Our products are subjected to technical measurements and aging tests to guarantee the performances required by the directive.

Glossary

BEAM ANGLE

The light ray diffusion angle designates the angle at which the lighting element illuminates. A narrow angle (30° degrees for example) illuminates a limited surface and is suitable for illuminating small zones. A wide diffusion angle will be required to illuminate larger surfaces.

CLASSES I, II, III

Electrocution protection classes.



Class I: The unit possesses a functional insulation with earth terminal and earth bonding link. The plug of these elements is foreseen with an earth pin to which all metal parts are connected.



Class II: The units are foreseen with enhanced insulation preventing access to all metal parts. The plugs of class II elements do not have an earth pin.



Class III: The unit functions with a safety extra low voltage (SELV) (50V maximum). The voltage reduction must be achieved with an isolation transformer ensuring galvanic isolation between the primary and secondary windings.

COLOUR TEMPERATURE: Kelvin (K)

Characterizes the apparent colour of the light emitted by a light source, and is expressed in Kelvin. The colour temperature is low for warm lights and high for cold lights:

< 3300K = warm tones; between 3300 and 5300K = natural tones; > 5300K = cold tones.

CRI (or Ra): Colour Rendering Index

This index defines the ability of a light to avoid deforming the coloured appearance of the objects it illuminates. For example, sunlight has a CRI of 100. This index ranges from 0 to 100, and CRI < 60 = poor; 60 < CRI < 80 = correct; CRI > 80 = good; CRI > 95 = excellent.

EC MARKING

Indicates the conformity of a product to the requirements of applicable European directives.

ELECTRICAL POWER SUPPLY

The term electrical power supply refers to a system capable of supplying electricity to elements which require this energy to function. The properties of a power supply are defined in current, voltage and frequency.

ENEC MARKING

Indicates product compliance with European safety standards.

GLOW WIRE TEST

This test enables observation of the behaviour of lamp composition materials when exposed to high temperatures (650°, 750°, 850° and

960°). Measurement of the lighting element's fire resistance.

IK, SHOCK RESISTANCE

The IK index defines the degree of protection of the equipment against physical impact damage (figures increasing from 00 to 10 according to the impact force).

IP, PROTECTION RATING

The IP index express the degree of protection from the penetration of solid bodies (1st number – protection increasing from 0 to 6) and from penetration by water (2nd number – protection increasing from 0 to 8).

LAMP BASE

A lamp base is the metal end enabling the lamp's attachment in a socket. There are several types of sockets, available in several sizes. Different socket types include the screw base, bayonet base, pin base and sockets composed of two connectors.

LED RECYCLING

The "Barred bin" symbol must be applied to all light packaging since 2005 and indicates that it must not be disposed of in the household waste bin. Disused LED lamps are classified as WEEE (waste from electrical and electronic equipment). A LED lamp is almost entirely recyclable. Its main advantage over the fluocompact lamp is that it contains no mercury or fluorescent powder. Disused lamps may therefore be returned to the retailer, supermarket, DIY shop or wholesaler where they may be placed in a "public" container in the same way as one does with batteries. Disused LED lamps may also be disposed of in public waste disposal centres. Many local councils have placed lamp disposal containers in their waste disposal centres. Some waste disposal centres also allow professionals to dispose of disused lamps free of charge.

LIGHTING EFFICIENCY (lumen per watt:

lm/W)

This defines the capacity of a lighting element to generate a large flux from one electrical Watt (W) absorbed. The higher the lighting efficiency, the less electricity the lamp will consume.

LOW VOLTAGE DIRECTIVE 73/23/CEE

European Directive imposing a certain number of rules concerning electrical safety for lighting devices: EN60598-1 (General conditions), EN60598 2-1 (fixed lighting for general usage) and EN60598 2-2 (recessed lighting).

LUMEN (lm)

Quantity of light produced by a source: light emission.

The light emission value expressed in the technical data sheets corresponds to the light in lumens leaving the lighting element.

LUMINANCE (candela per square meter: cd/m²)

The light intensity produced or reflected on a given surface. It enables estimation of the glare.

LUX (lx)

Quantity of light reaching a surface: lighting of this surface.

OPERATING LIFE (OF A LAMP)

The operating life of a LED indicates the duration after which it starts to emit a luminous flux lower than 70% of its initial flux. Each operating life expressed on the technical data sheets corresponds to operation at 25°C.

ROHS DIRECTIVE 2006/95/EC

The RoHS European Directive (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment) restricts the use of certain hazardous substances in electrical and electronic equipment: lead, mercury, cadmium, hexavalent chromium, polybromobiphenyls (PBB), polybromodiphenylethers (PBDE).

UGR

The unified glare rating (UGR) is a measure of the glare in a given environment.

WATT (W)



























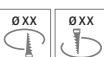


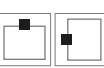

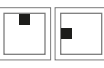


Unit of electrical power. The power consumed over a given period represents the energy used.

WEEE

Waste from Electric and Electronic Equipment (abbreviation WEEE) refers to the waste coming from equipment functioning with electrical current or electromagnetic fields, i.e. all equipment powered via an electrical power socket, battery or accumulator. This includes lighting elements.

Pictograms

Pictograms

	Warranty period			Protection rating
	Made in France			Shock resistance rating
	Made in Europe			Power factor
	European Community marking			Beam illumination angle
RoHS	RoHS standard			Rotation of the head at 360°
	The product must not be covered with insulation			Rotation of the head at 340°
	The product can be covered with insulation			Colour Rendering Index
	Dimmable product			Incandescent filament resistor
	Non dimmable product			Unified Glare Rate
RGO EN 62471 	Certification «Photo-Biological safety»			Product weight
Produit éligible CEE	Product eligible for an energy saving certificate			Maximum acceptable load
	Product operating life			Product compatible with an ambient temperature of -30°C
	Number of on / off switching cycles			Product certified for operation in an explosive atmosphere
lm	Lumens			Windbreak coefficient
cd	Candelas			Proportion of the light emitted by the lighting element directed upwards
SDCM	Measurement unit of the Mac Adam ellipses			Recessed diameter
	Electrical class I			Recessed installation
	Electrical class II			Surface-mounted installation
	Electrical class III			Suspension installation

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LUCIBEL FRANCE

Headquarters and production site: 101, allée des Vergers - 76360 Barentin - FRANCE
Offices: 9, avenue Edouard Belin - 92500 Rueil-Malmaison - FRANCE
Contact: serviceclient@lucibel.com - +33 1 80 04 12 30 - www.lucibel.io/contact

CORDEL

Offices: 8, rue de Kergauouen BP 53 - 29950 Bénodet - FRANCE
101, allée des Vergers - 76360 Barentin - FRANCE
Contact: +33 2 35 32 24 41 - www.cordel.fr/contact - www.cordel.fr

PROCÉDÉS HALLIER

Production site and offices: 69, rue Victor Hugo - 93100 Montreuil - FRANCE
Contact: +33 1 48 51 79 88 - contact@procedeshallier.fr - www.procedeshallier.fr

CONFIDENCE AND LIGHT

Contact: +33 2 38 25 33 82 - contact@confidenceandlight.com - www.confidenceandlight.com

LUCIBEL AFRICA

22, rue Charam Acheikh, Quartier Palmier - 20120 Casablanca - MOROCCO
contact@lucibel.ma

LUCIBEL MIDDLE EAST

P.O. box 341407 - Dubai Silicon Oasis Suntech Tower Office 306 - UAE
+971 43 88 66 91 - contact@lucibel.ae

www.lucibel.io