secom

74

General Catalogue

LIVE THE
LIGHT

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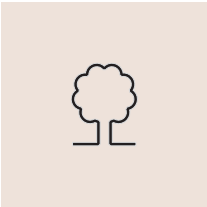
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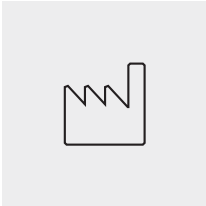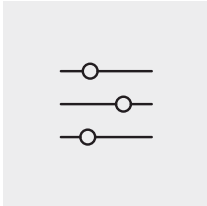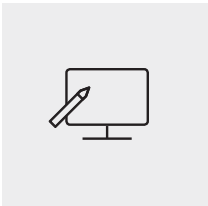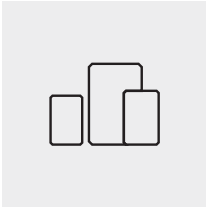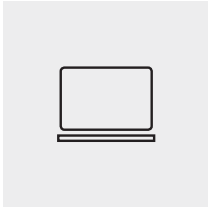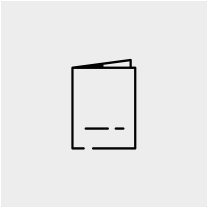
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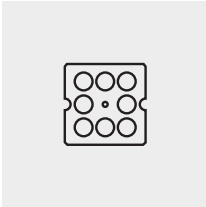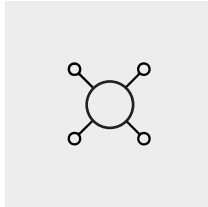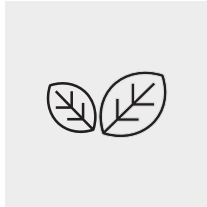
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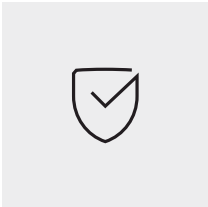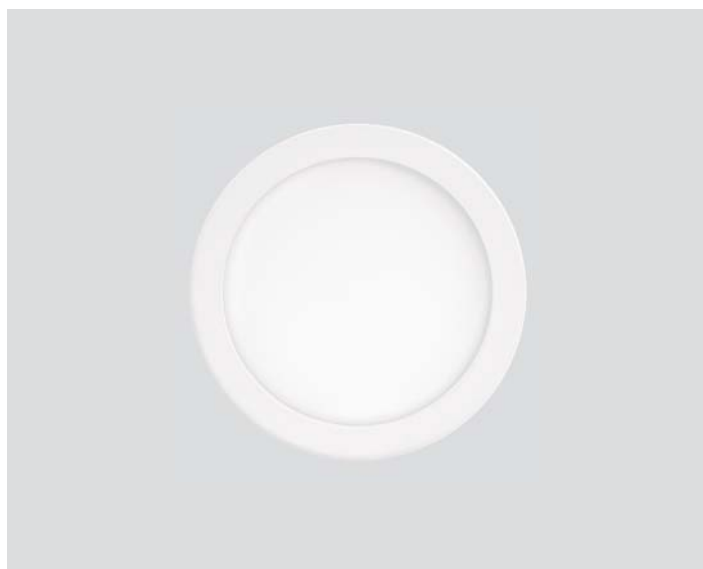
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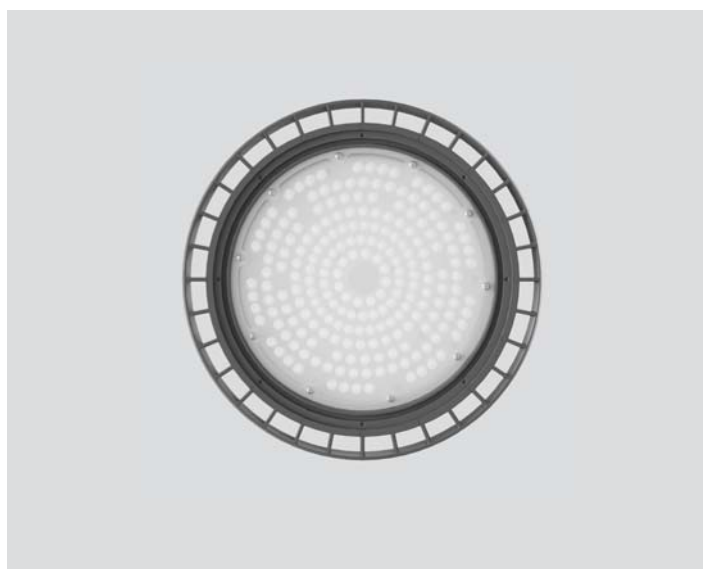
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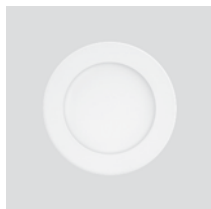
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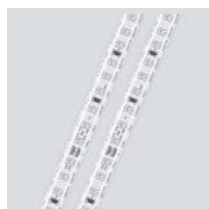
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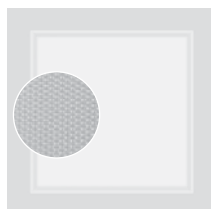
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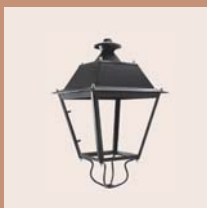
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✎ REFERENCE GENERATOR

In this catalogue we have incorporated a new feature in all our products "REFERENCE CONFIGURATOR".

Now, for every product we offer, our customers can customise and create a bespoke product that perfectly suits their needs.

This easy-to-use reference configurator is designed to guide our customers through the process of customising their product.

Customers can choose from a wide variety of options and features, allowing them to create a unique and customised product that meets all their needs.

In addition, our customer service team is always available to assist at any point in the customisation process.

Characteristics / luminaire options
(example configuration)

REF. PRODUCT	COLOUR	POWER (W)	TEMP. COLOUR	SYSTEM	OPTIC	DRIVER	ACCESSORIES
S3496	**01** (White)	**34** (34 W)	**73** (3000 K) CRI70	**ERA**	**3405** Extensive asymmetric	**-** ON / OFF Standar	**AM** Marine environment paint
	02 (Black)	**55** (55 W)	**74** (4000 K) CRI70	**EON**	**3406** Symmetrical extensive 160°	**D4i** Driver prom. DALI	**3491** Overvoltage 20KV
	58 (Grey)	**73** (73W)	**83** (3000 K) CRI80		**3407** Asymmetric longitudinal	**DRPR** Programmed regulation	**ZHAGA** Remote management
			84 (4000 K) CRI80		**3408** Intensive asymmetric	**DR** Regulation 1 - 10 V	**NEMA** Remote management
			93 (3000 K) CRI90		**3409** Average asymmetric	**DN** Control line regulation	
			94 (4000 K) CRI90		**3410** Front asymmetric	**DRC** Head regulation	

Note and choose the desired options

▼　　　▼　　　▼　　　▼　　　▼　　　▼　　　▼　　　▼

S3496	58	34	74	EON	3405	DRPR	3491

Example configuration, note the resulting option

▼

S3496583474EON3405DRPR3491

* this reference is only indicative, each product has its own reference.

Accessories must be ordered as individual part numbers, they are not included in the luminaire.

▼

COMPLEMENTS

S6033	Adapter fitting from 60 to 33 mm
S6048	Adapter fitting from 60 to 48 mm
S6076	Adapter fitting from 60 to 76 mm

More than 30 years living the light

SECOM PRESENTATION

Light plays a very important role in our lives, how to understand it is fundamental to offer solutions to real projects, always with the aim of improving people's lives.

SECOM ILUMINACIÓN began its journey as a lighting manufacturer in 1989. Since its beginnings, SECOM's path has always been marked with a clear and simple objective: to offer lighting solutions for an optimal visual experience.

In SECOM we unite all the production processes in our central facilities of 16.900 m2 in Molina de Segura (Murcia, Spain). In addition, we have a large stock of components involved in the manufacture of lighting fixtures and thus achieve great flexibility in manufacturing.

Year after year, SECOM has managed to improve its production and quality control processes, offering customers a wide range of quality products at competitive prices.

These efforts have contributed to SECOM's success nationally and internationally, offering lighting solutions to customers all over the world.

Perfect union

SECOM ILUMINACIÓN is committed to a direct
and personalised relationship with the client, always
with the aim of building solid bases for collaboration,
sharing experiences and common challenges.

PURCHASING DEPT.
Provisioning

DPT. R&D&I
Development

Personalisation

Control systems

Lighting

Connectivity

ADMINISTRACIÓN DPT.

Financing conditions

PRODUCTION DPT.

Components

Production processes

Manufacturing

SECOM

PROYECTOS DPT.

Customised projects

Digital tools

Energy consultancy

**MARKETING
DPT.**

Clients

QUALITY DPT.

Quality control

LOGISTICS DPT.

DPTO. COMMERCIAL

National network

Export network

Advice

Training

Technical support

Production Processes

1

R&D&I LIGHTING DESIGN AND DEVELOPMENT

2

PROTOTYPES AND CONTROL ANALYSIS OF COMPONENTS IN THE LABORATORY WITH GONIO-SPECTRORADIOMETER WITH DARKROOM.

CERTIFICATIONS.

6

ALUMINIUM AND PLASTIC EXTRUSION.

7

AUTOMATIC POWDER COATING TUNNEL AND POLYMERISATION OVEN FOR LUMINAIRE STRUCTURE.

8

ROBOTIC PRODUCT STORAGE AND DISPENSING SYSTEM.

3

CREATION OF MOULDS.
ALUMINIUM INJECTION FOR
THE MANUFACTURE OF THE
LUMINAIRE STRUCTURE.

INJECTION OF PLASTIC
MATERIALS.

4

IN-HOUSE LABORATORY
FOR LED ASSEMBLY.

PICK & PLACE MACHINES
AND CONVECTION
MELTING FURNACE.

5

REST COMPONENT
PROCESSES, LASER CUTTING
OF POLYMERS AND ALLOYS,
ROBOTIC BENDING MACHINE,
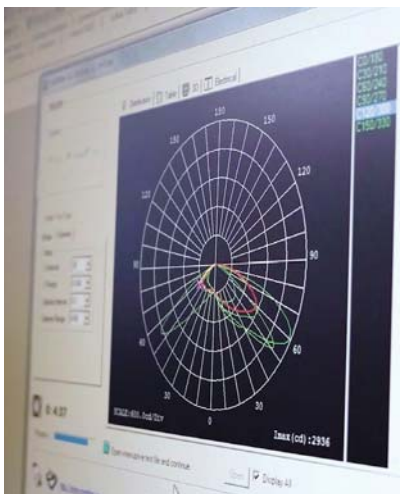ROBOTIC COMPONENT
STORAGE AND DISPENSING
SYSTEM.

9

ASSEMBLY LINES AND
ASSEMBLY OF THE PRODUCT
IN ITS PACKAGING.

10

ELECTRICAL TESTING AND
QUALITY CONTROL.

11

LOGISTICS.

Custom made

Our production processes and our complete manufacturing at Secom Iluminación's central plant allow us to develop customised products, both in terms of components and final finishes.

Tell us your ideas and we will advise you for a perfect project.

01　　　　02　　　　52　　　　58　　　　...

SECOM standard colours

Ref. 01 (White) - RAL 9016

Ref. 02 (Black) - RAL 9005
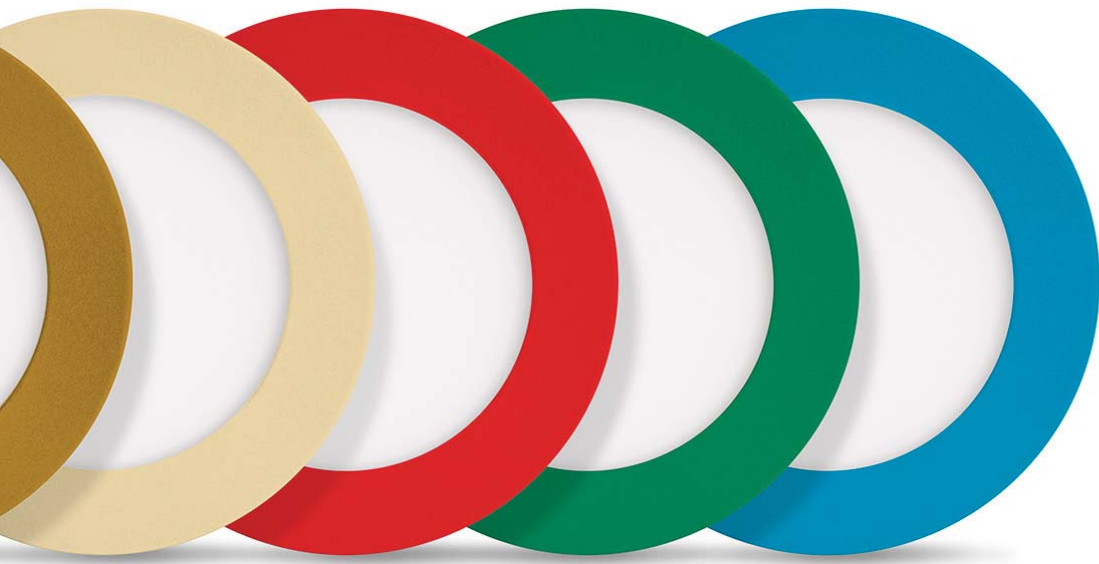
Ref. 52 (Matt Chrome) - RAL 9006

Ref. 58 (Grey) - RAL 7012

Other RAL colours
on request

Main countries where Secom exports

SECOM has an important commercial network all over the world. Although Spain is still the main market, with a strong commercial network, SECOM has exponentially increased its worldwide commercial network.

SECOM has been committed to foreign markets from the beginning, and currently exports to more than 35 countries: Europe, the Middle East and South American markets stand out, as well as reaching new potential markets such as Africa and Australia.

secom
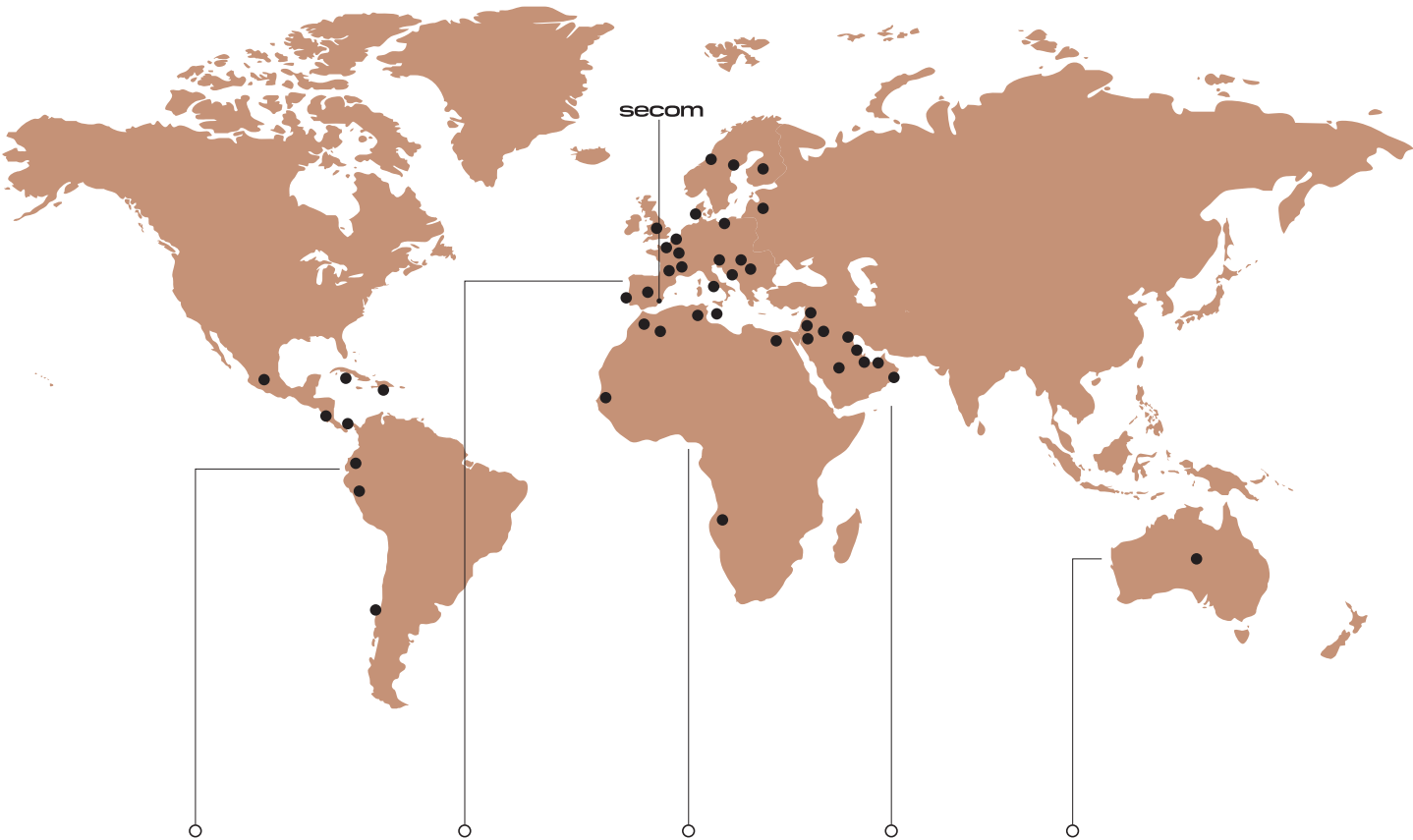
America

Mexico
Guatemala
Dominican Republic
Cuba
Colombia
Peru
Chile
Panama

Europe

Spain
France
Portugal
Andorra
Germany
Italy
Ireland
United Kingdom
Belgium
Switzerland
Switzerland
Croatia
Slovenia
Austria
Czech Republic
Denmark
Poland
Sweden
Malta
Romania
Finland
Norway
Hungary
Latvia

Africa

Morocco
Algeria
Egypt
Senegal
Tunisia
Angola

Asia

Lebanon
Israel
Palestine
Jordan
Saudi Arabia
Qatar
UAE
Oman
Bahrain
Kuwait

Oceania

Australia

60%
domestic
sales

40%
export
sales

Do you have a project we can help you with?

In recent years our lighting design team has helped engineers, designers and architects in the lighting design of many projects.

Tell us about your project and we will be at your disposal to help you with the initial lighting study and project design at no cost to you.

The level of demand in the market is very high and few brands can boast like SECOM of having a team of highly qualified professionals with extensive experience in the sector.

SECOM is committed to supporting lighting professionals from the start of the project to the final design, offering support at every stage.

A lighting project requires an analysis of the conditions and characteristics of the light in order to meet all the requirements such as glare restriction, light colour and colour rendering; in addition, for qualitative planning, we need as much information as possible about the place to be lit, its use, the users and the architecture.

At SECOM, the promotion department takes care of this important task. This department also carries out consultancy services, studies and energy saving plans, thanks to a qualified staff specialised in lighting.

We work with a lighting calculation software programme, capable of offering the best and most efficient arrangement of luminaires to comply with the regulations in all types of installations, road, sports, ornamental, etc.

APPLY FOR YOUR PROJECT

in the last
3 years

1.816
successfully
completed
projects

Real stories
Real projects
Real clients

Success stories reflect the trust placed in us by the client. Each project tells a story and SECOM wants to be part of it.

SECOM's objective as a manufacturer is to offer lighting solutions for customers who need to carry out their lighting projects. All these projects can be carried out thanks to an experienced and committed team, capable of providing the best solution for an optimal result.

We offer an extensive catalogue of products with the latest LED technology and a wide variety of options to adapt the lighting to each project.

UNDERWATER ROUNDABOUT
ISLAS FEROE (Denmark)

A real challenge

The technical department of SECOM Illumination, in collaboration with the company Tectal, accepted the challenge proposed to carry out a complete solution for the entire Eysturoy tunnel and the roundabout inside it. This solution includes the realisation of the lighting engineering study, the manufacturing of the luminaires and their respective approval.

In the case of the underground roundabout, as it is a singular and unique work in the world, there was no reference for any type of consultation, so we established our own design bases and criteria, taking advantage of the fact that, as manufacturers, we were able to adapt the lighting system according to the particular needs of each different sector included in this project.

Finally, it was decided to carry out a methodical and exhaustive study of each critical point, as we were faced in a concentrated way with all the disadvantages involved in the lighting of roundabouts and the lighting of underground tunnels.

The first factors to be taken into account were the quality criteria required. Due to the importance of the project, not just any type of luminaire could be selected, but it had to be essential that the luminaires selected met a number of technical requirements.

In this project, 2 sectors can be clearly distinguished:

Straight sections: A lighting study was carried out on an extensive section and the results were extrapolated to the entire 11 km of tunnel because the typology and dimensions were maintained along the entire length of the road.

Roundabout: For this particular case, the study was carried out by implementing the luminaires on a metallic structure located in the central part of the road, taking into account the degree of reflection of the walls and the large solid central column.

In both cases, this type of luminaire was selected to maximise energy efficiency by installing as few luminaires as possible without breaching the established lighting requirements.

This type of floodlight has a standard 80° aperture optic. However, the aim was to obtain an aperture of 120° in order to achieve a floodlight-type illumination instead of a centred light focused on the ground.

In order to solve this problem, it was decided to implement a specific opal diffuser that would increase the aperture of the light beam and increase the uniformity of the light while reducing the glare that drivers might suffer.

The installation of the luminaires was also problematic, as it had to house a large number of electronic components and wiring that could not be seen from the outside for aesthetic reasons.

In this case, a special box-shaped strip was manufactured to hold the projector, orientate it and store all the relevant electronics inside it in a watertight manner.

As manufacturers, we have a great advantage in resolving this type of issue, as we can adapt any element of the luminaire and solve any problem we may face.

The lighting had to be RGBW, so it was decided to implement a luminaire with coloured LEDs, control and regulation devices and all the necessary devices to be able to make colour changes or sequences to be determined by the property. This solution was quite innovative as both the roundabout and the 11 km of tunnel have a type of ornamental lighting that allows the colours and light intensity to be varied, sequences to be created, etc.

In the end, the solution provided by SECOM Iluminación proved to be favourable, overcoming all the barriers that were presented.
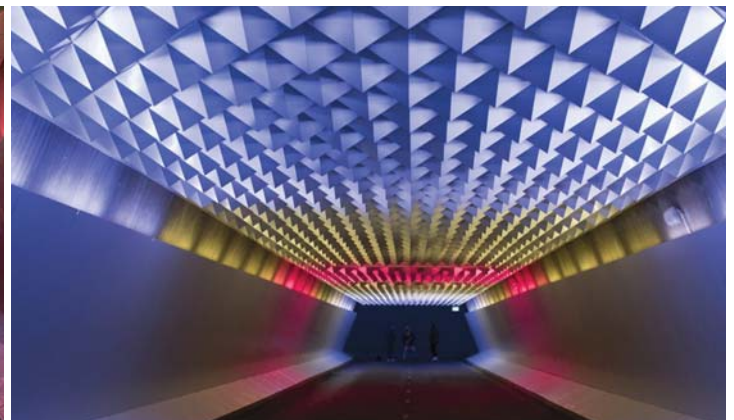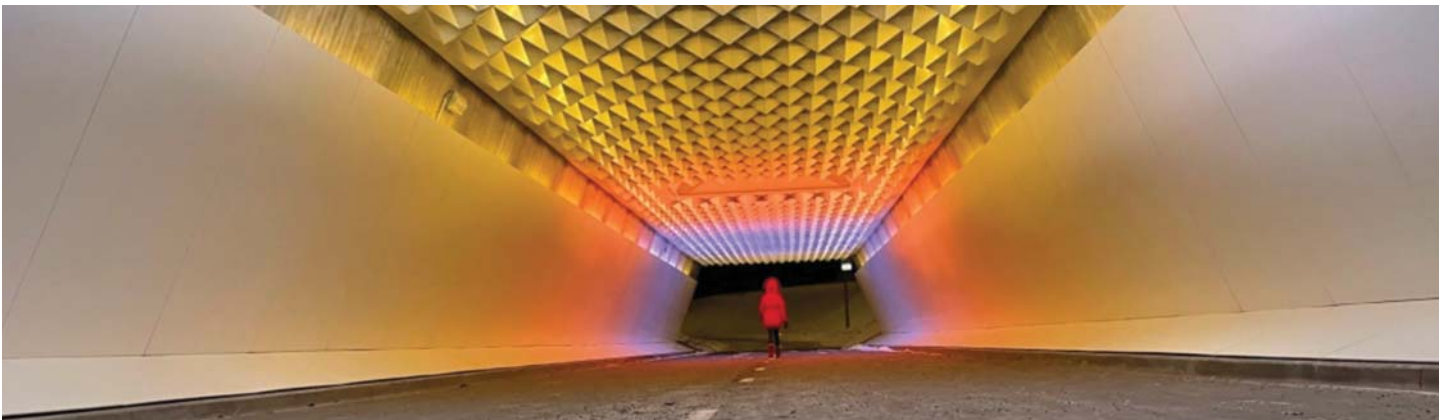
ODISEO CASINO
MURCIA (Spain)

TÚNEL HAABERSTI JALAKAIJATE
TALLIN (Estonia)

HOTEL GRAN PALLADIUM
SILICIA (Italy)

# BIBLIOTECA BIOSANITARIA UNIVERSIDAD
GRANADA (Spain)

The lighting blog for professionals

Discover Secom's lighting blog for professionals.

Here you will find information of interest in the different areas of professional lighting, the latest trends, advice and applications, regulations, lighting guides, energy efficiency, projects, etc.

Blog incorporated into the Secom website.

BLOG SECOM
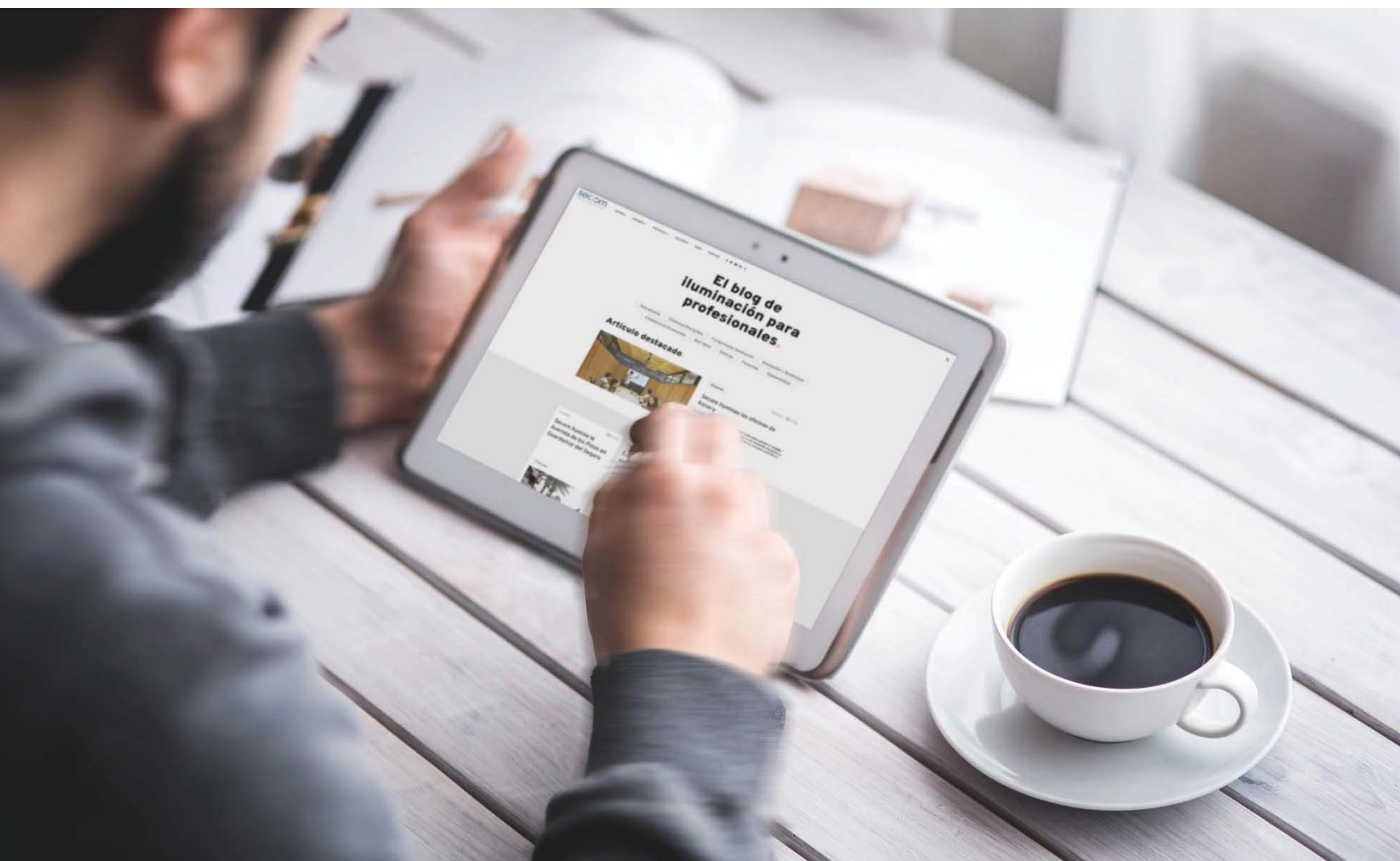
Technical guides

On our website, we have technical guides that can be very useful for those who are looking for detailed information on specific technical aspects, so don't hesitate to visit our website to check them out!

Guía técnica
Iluminación
Aeropuertos

1. La importancia de la iluminación en aeropuertos

Algunas de las razones por las que la iluminación es importante en aeropuertos incluyen:

secom

Guía técnica
Iluminación
Centros
Educativos

Lighting platforms

TRACK
SURFACE SUSPENSION
LINEAR
PANELS
DOWNLIGHT RECESSED
EMERGENCY

Indoor

LUMINIC ENGINE

SIGNAGE BOLLARD
HORTICULTURE
TUNNEL INFRASTRUCTURES

Outdoor

eonlight ® system
eralight ® system

rgbwlight ® system

STREET
ltvlight ® sport system

INDUSTRIAL
INDUSTRIAL
INDUSTRIAL
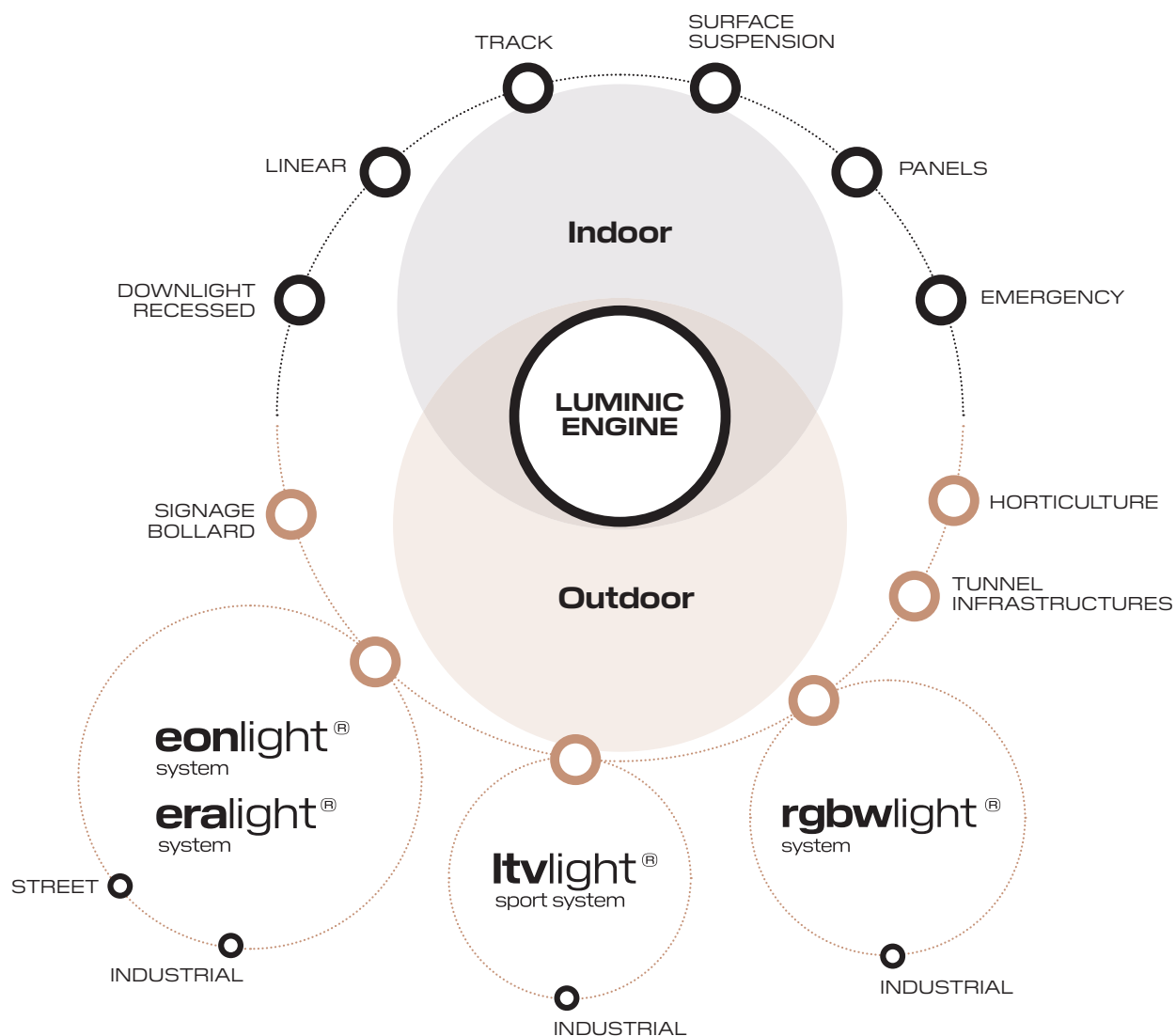
Continuous innovation.

A new generation of lighting systems from Secom Iluminación, developed prioritising performance, versatility and even the compactness of the system itself.

The new generation of Secom Iluminación lighting systems have been developed prioritising performance, versatility and even the compatibility of the system itself.

ERALIGHT system, a new performance and functionality alternative for all those operations that require a high-power LED solution, thus accelerating the return on investment through a Made in Secom concept.

EONLIGHT System, a new concept developed by Secom Iluminación, based on a high-power LED system, capable of meeting all the requirements of projection applications, while maximising energy savings with the highest quality components.

	eralight® system	**eon**light® system
LED	HP / MP	HP
LED TYPE	HIGH / MEDIUM POWER	HIGH POWER
	LED encapsulated in semi-rigid resin, surface assembled	High-power, high-efficiency encapsulated ceramic LED
LIFE SPAN	70.000 h. / 50.000 h.	100.000 h.
LUMINAIRE PROTECTOR	PMMA (High impact)	PMMA Tempered Glass (High Impact)
REGULATION	Up to 4 types of regulations	Up to 6 types of regulations
TELEGESTION	-	Telemanagement
NO. OPTICS	Up to 8 types of optics	Up to 15 types of optics
GUARANTEE	5 YEARS	Up to 10 YEARS
CHARACTERISTICS	Surge protector. Low loss equipment. High efficiency.	Surge protector. Equipment with low losses. High efficiency. Possibility of incorporating sensors.

OPTICAL SYSTEM

At SECOM we have an R&D&I department, where the development of new lighting technologies and components is constant.

We have a multitude of lens options, optimised for global lighting configurations and regional specifications. Our focus on modular and future-proof lens luminaire design allows us to use the same luminaire design in multiple applications and meet different market specifications. We have luminaires that allow for greater optical control even with the most demanding asymmetric light distributions.
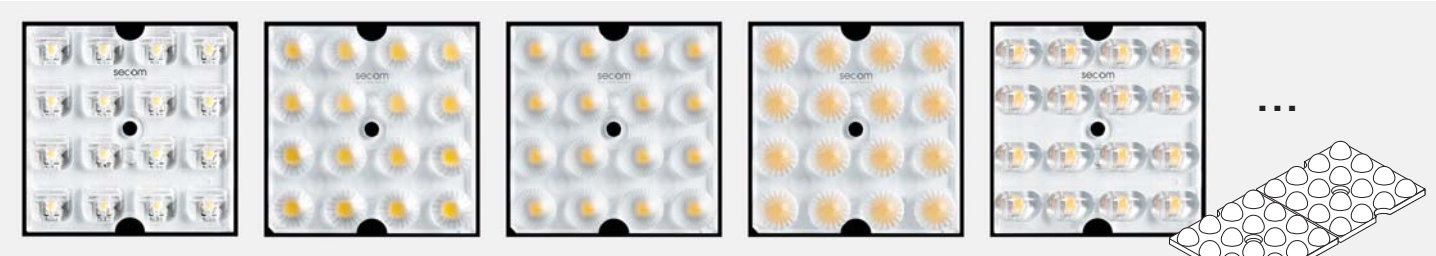
ltvlight®
sport system

Light plays a very important role in the world in which we live, even more so if we talk about lighting in sports spaces, the lighting requirements in this area are very demanding, even within the same field of play, the type of lighting and the optimisation of the same conditions the game of the athletes and how the fan can perceive it.

LTVLIGHT SPORT SYSTEM is a system specially developed for sports venues, this system is designed to adapt to the different needs and requirements depending on the sports organisation that regulates them, whether they are national/international televised competitions or amateur sports or training facilities.

It contains a regulation system adaptable to the required light needs while maintaining the uniformity of the playing field, and its optics system allows us to easily adjust to high light demands in non-optimal location and installation conditions.

LTVLIGHT SPORT SYSTEM has the perfect technology for the transmission of 4k images with a colour rendering CRI >95, anti-flicker power supply equipment and the possibility of regulating and controlling each luminaire according to the needs of each project, not only as a sports application but also for use in shows.

| Football | Tennis | Basketball | Rugby | Athletics | Volleyball | Swimming | . . . |

rgbwlight® 🌈
system

WHAT IS RGBW LIGHTING?

RGBW lighting is a colour composition system based on the combination of primary colours plus the addition of white LEDs. RGBW stands for Red, Green, Blue, White.

These LEDs, combined together, can produce more than 32 million shades of colour.
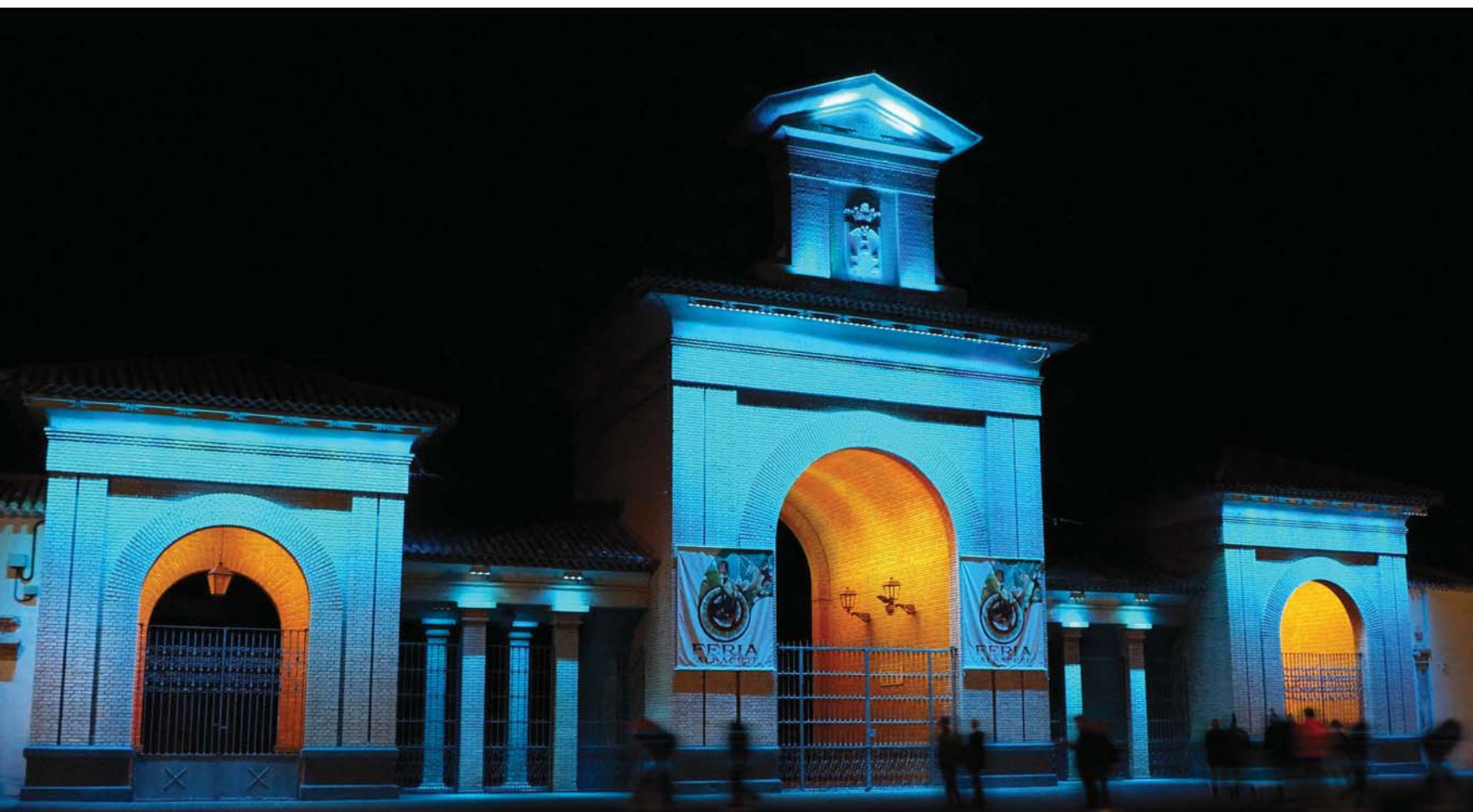
The rgbwlight® system is a combination of colours capable of awakening a myriad of sensations and transmitting happiness, sadness, solidarity, etc.

Centuries ago, in the great gothic constructions, they used an endless number of colours in their stained glass windows as celestial light, trying to understand the divine wonder of the reflection of the rainbow in the sky.

The Rgbwlight® system works as a combination of pure natural colours, blue, green and red, which combined together provide 100% white light.

By incorporating white light into the primaries, it allows us to use conventional daily lighting and the possibility to move in different colour temperatures in degrees kelvin without changing luminaires.

Our rgbwlight® system is the natural evolution of sensitive lighting. LED technology makes it possible to transform any building into a tourist attraction, a manifestation of ideals or solidarity.

As we are manufacturers, we can customise our luminaires in a very precise way, including the tone of the white LEDs within an RGBW luminaire, always according to the client's taste.

If the building is old or built in sandstone, it is ideal to include warm-toned LEDs, such as 1700K, 2700K or 3000K, to enhance the natural warm tones of the stone.

When the construction is exposed brick or white facades, ideally the LEDs to be fitted should be a neutral shade of 4000K.

If the construction is of more intense or cooler tones, such as slate stone or a metal facade, the ideal would be to select LEDs close to 5000K or 5700K, enhancing the intensity of a material that tends to reflect little light, and therefore needs more luminous flux.

An appropriate choice in the white hue of the luminaire, coupled with the full range of colours visible to the human eye, makes the RGBW luminaire the perfect tool to improve and enhance the architectural design of any building.

RGB   WHITE   RGBW

RED   GREEN   BLUE   =   +   3000k   4000k   5000k   =

APPLICATIONS

Building façades   Historic buildings   Bridges footbridges   Monuments   Cultural spaces   Decorative
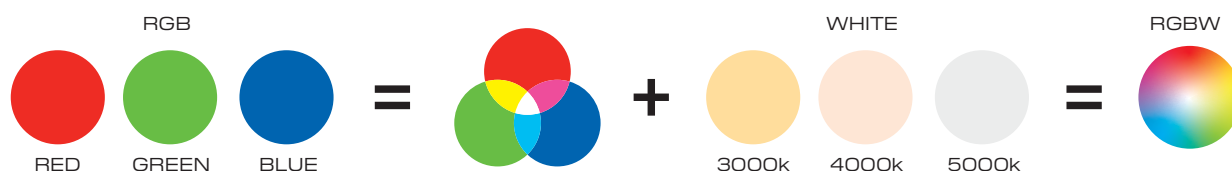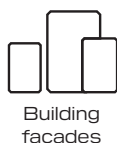
Control systems
WE HAVE THE MAIN RGBW LIGHTING CONTROL SYSTEMS AVAILABLE

DMX
CONTROL SYSTEM

It is a specific protocol for the control of spectacular lighting. Optimal protocol for the control and management of RGBW lighting, as it was developed especially for this purpose. It has a wider range of use than other systems, allowing the most precise adjustment in the combination of colours and intensity levels, undoubtedly the most specialised system for spectacular effects in installations.

DALI 2

It is the standard system in conventional digital lighting control. We can integrate RGBW luminaires in installations where there are already white light luminaires and have a centralised control for everything. It also allows integration in KNX installations.

CASAMBI

The wireless technology for home automation par excellence. Control and management of lighting installations from a mobile application. Developed with the aim of being accessible to the end user, allowing the control of an installation with an intuitive and graphic application for mobiles and tablets.

RADIO FREQUENCY

Control via omnidirectional RF transmitters. Ideal for small installations or installations where there is no possibility of installing a data bus. Allows simultaneous control of all luminaires within range of the transmitter.

Connectivity

SENSORS

CASAMBI

Wireless

COMMUNICATION
PROTOCOL

Wiring

SENSORS

DALI / DALI 2.0

DMX
CONTROL SYSTEM
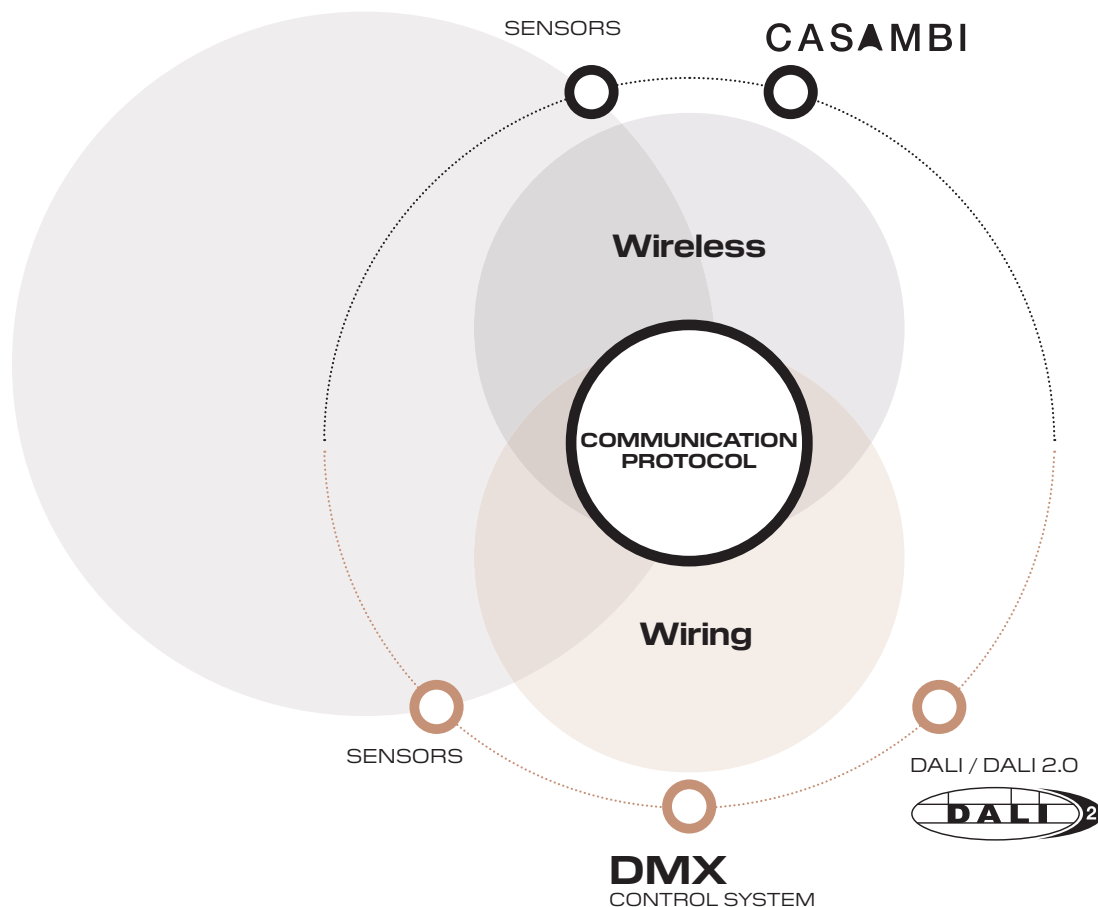
Wireless

In wireless lighting, control signals between different devices communicate via radio waves, rather than through low-voltage wiring. Wireless devices communicate in a network, where it is easy and safe to add, remove and replace devices. In smart lighting, the wireless mesh is often based on low-power, short-range radio technology, typically Bluetooth Low Energy or BLE.

Wireless management brings benefits such as greater installation flexibility, easier scalability and lower costs. In addition, reduced downtime during installation and easy maintenance add to all the benefits of lighting control and make wireless lighting an excellent solution for both retrofit and new construction projects.

Wiring

The installation of hardwired lighting is an important process to ensure proper illumination in any space. Before starting the installation, it is important to ensure that you have the right materials and tools, as well as a detailed plan of the luminaire layout and wiring route.

It is important to remember that the installation of hardwired lighting should be done by a qualified and experienced installer, as any mistakes can result in a potential safety hazard. In addition, electrical safety codes and standards should always be followed to ensure a safe and reliable installation.

Sensors for lighting management

Motion detectors and light or twilight sensors are devices that offer the ability to make a more responsible use of the energy we use.

These sensors can be installed both indoors and outdoors.

Undoubtedly, these devices are elements that improve your quality of life, as well as save a considerable amount on monthly light consumption.

Types of sensors:

**SENSORS
WEB**

**SENSORS
PRESENTATION**

PRESENCE DETECTOR

A presence detector is an electronic device equipped with sensors capable of detecting any movement in the area in which it is installed. The purpose is to activate a lighting, air conditioning, ventilation or surveillance system.

FLOW SENSOR

The flow sensor or brightness sensor is a device that allows us to make a responsible use of the energy we use, regulating the lighting of the luminaires taking into account the existing ambient light. This sensor is connected to other drivers to adjust the luminous flux of the luminaires and maintain a constant light level in the desired area.

WIRELESS SENSOR

Wireless sensors have the advantage of not needing a wired installation to work, saving time and materials in the installation. The protocol with the most future in the market is CASAMBI, a standard in performance, reliability and accessibility.

WIRED SENSOR

Wired sensors need a communication bus to work. This bus must link all the elements of the installation, including the sensors, for correct operation. Examples of wired systems are the DALI or 1/10V protocols.

STAND-ALONE SENSOR

An autonomous sensor has the capacity to manage an installation without the need for a control unit or a superior control unit. The sensor has the capacity to receive simple instructions from the user to personalise the behaviour of the installation, being an economical way of achieving a professional result and complying with the most demanding regulations.

PASSIVE SENSOR

The passive sensor needs a superior control unit to work.

They are suitable for integration in professional DALI installations, with multiple rooms and different purposes for them.
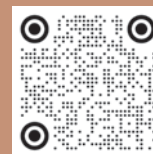
DAYLIGHT function

Operating mode whereby the sensor determines that there is sufficient daylight to be able to switch off the luminaires completely.

Savings can be up to 70%.
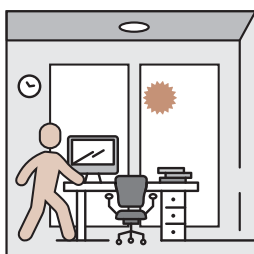
The luminaire shall not be switched on when daylight is sufficient, even if motion is detected.

The luminaire switches on automatically when it detects presence and natural light is insufficient.
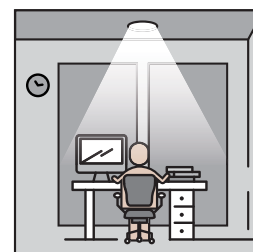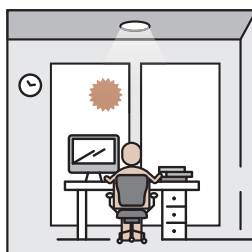
The luminaire is switched on at maximum or dimmed to maintain the lux level. The luminaire is dimmed according to the level of available daylight.
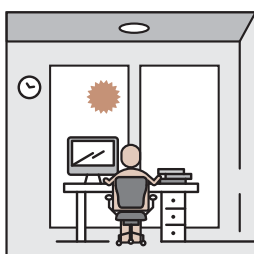
The light is switched off when the ambient daylight is sufficient.

The light is dimmed during the standby period and remains at the selected minimum dimming level.

The light switches off completely after the standby period.

Light level

Waiting time

Energy saving zone

Waiting time

Normal electric light

Controlled daylight

Natural light

Time (hours)
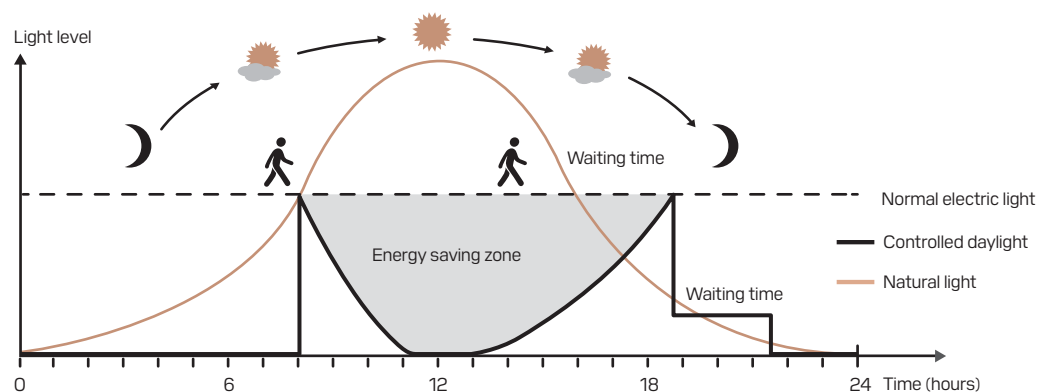
Sensors

Ref.	S3328A / Sensor	S3327A / Sensor	S3324A / Sensor
		S3326A / Controller	
GENERAL			
WIRELESS SENSOR	●	●	-
WIRED SENSOR	-	-	●
BLUETOOTH 4.0	●	●	-
CASAMBI	●	●	-
DALI 2	-	-	●
DAYLIGHT	●	●	●
REMOTE CONTROL	-	-	● S3331A
PUSH-BUTTON CONNECTION OPTION	●	●	●
INSTALLATION HEIGHT	min. 2,5 m. / max. 12 m.	min. 2,5 m. / max. 15 m.	min. 2,5 m. / max. 6 m.
DETECTION DIAMETER	máx. radial 3 m. Ø	máx. radial 12 m. Ø	máx. radial 5 m. Ø
IP	IP20	IP42	IP20
ACCESSORIES	Surface accessory / S3325A	-	Surface accessory / S3325A

S3331A

With this small infrared remote control we can program the behaviour of our sensor at will. We can adapt the needs of the installation with a few simple parameters, and have different programming for each sensor.

Sensor-compatible controllers:

S3324A
S3329A

MANUAL INSTALLATION CONTROL
Manual ignition, light level adjustment and activation of AUTO AND SEMI-AUTO mode.

CONFIGURATION START-UP
Configuration dump to the sensor.

SENSOR DETECTION AREA SETTING
Default 100%.

DAYLIGHT MODE TOLERANCE THRESHOLD
Dimming level for room.

ON TIME FROM DETECTION
Presence time from detection.

STAND-BY TIME AT THE END OF THE DETECTION TIME.
Absence time at the end of the detection time.

STAND-BY LIGHT LEVEL
Light level of the absence time.

S3329A / Sensor	S3320B / Sensor	S3322B / Sensor	**S3325B** Surface accessory for sensors **S3320B** / **S3322B**
-	-	-	
●	●	●	
-	-	-	
-	-	-	
●	●	●	
●	-	-	
● S3331A	-	-	
-	-	-	
min. 2,5 m. / max. 12m. people min. 2,5 m. / max. 15m. vehicles	min. 2 m. / max. 5 m.	min. 8 m. / max. 16 m.	
máx. radial 8 m. Ø people máx. radial 10 m. Ø vehicles	máx. radial 5,9 m. Ø	máx. radial 16 m. Ø	
IP65	IP20	IP65	
-	-	Surface accessory / SOTRO102	

LEVEL OF REGULATION
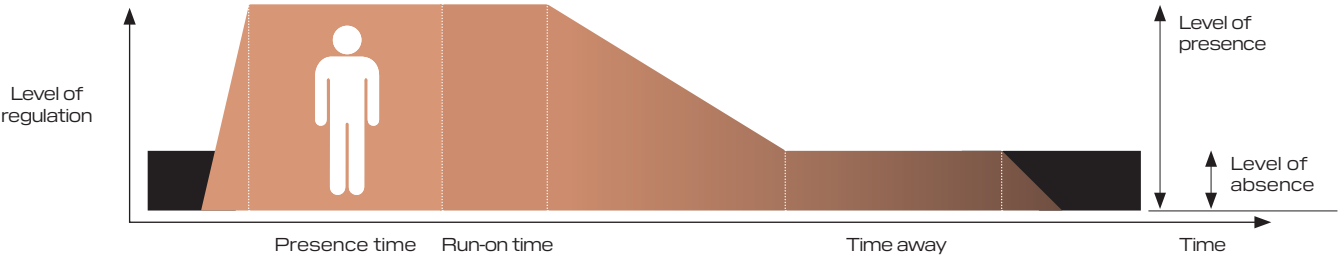
This graph shows a typical behaviour of a sensor, and the parameters that can be adjusted with our programmer control:

INTENSITY LEVELS

Dimming level: Light level to be maintained even with natural light.

Presence level: Light level when movement is detected.

Absence level: We can set a minimum level in the installation if we do not want the luminaires to switch off completely.

DETECTION TIMES

Presence time: Time that the installation remains switched on from the moment it detects movement.

Waiting time: Also called courtesy time, it is a time that we can configure from the moment we stop detecting movement.

Absence time: The time that we can configure the absence level, before switching off. This time can be infinite if we want.

CASAMBI
communication protocol

Lighting control for the modern world.

CASAMBI is a wireless communication protocol based on bluetooth low energy, born in the nokia research center, with the aim of bringing the smart home to everyone in the easiest way possible, using the smartphone that we all have as a control centre.

The operation of a CASAMBI system is simple to understand. All the elements of the installation talk to each other, creating a meshed communication network. With a signal range of 40 metres, we can connect the luminaires of an entire building without any problems. Thanks to this network, we only need to connect to one element to have total control of the system, using a very intuitive application for phone or tablet.

As it is wireless communication, it is not necessary to add control wiring, with the savings in materials and labour that this entails, making it easy to convert a building with a classic installation into a domotic building without having to modify or add new systems or wiring.
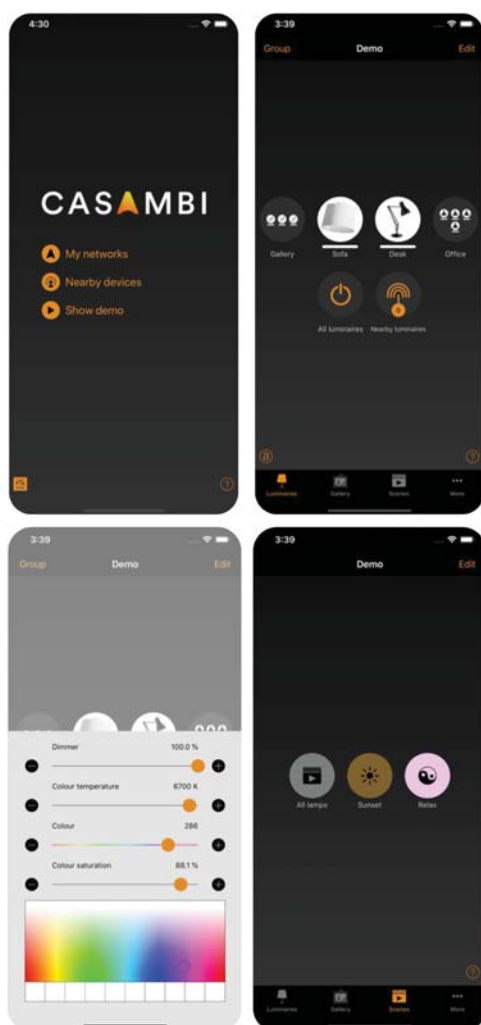
The Casambi app functions as a user interface for lighting control. The Casambi app works with iOS and Android devices, such as smartphones and tablets. The app is free to download for any end user.

The Casambi app has been created by user interface experts so that anyone, regardless of their technical knowledge, can use it. The Casambi lighting control technology offers the possibility for Casambi partners to implement and develop everything needed for a full-featured lighting control system, but the Casambi app only shows on the user interface the functionality that is relevant for that particular installation. Therefore, the Casambi app is equally suitable for the professional lighting market as it is for the residential environment.

Grouping

Scenes

Animations

Gallery

Light colour

Temperature

Light sensor

Motion sensor

Calendar and timetable

Sunrise and sunset

Gateway

Scalability

Synchronisation
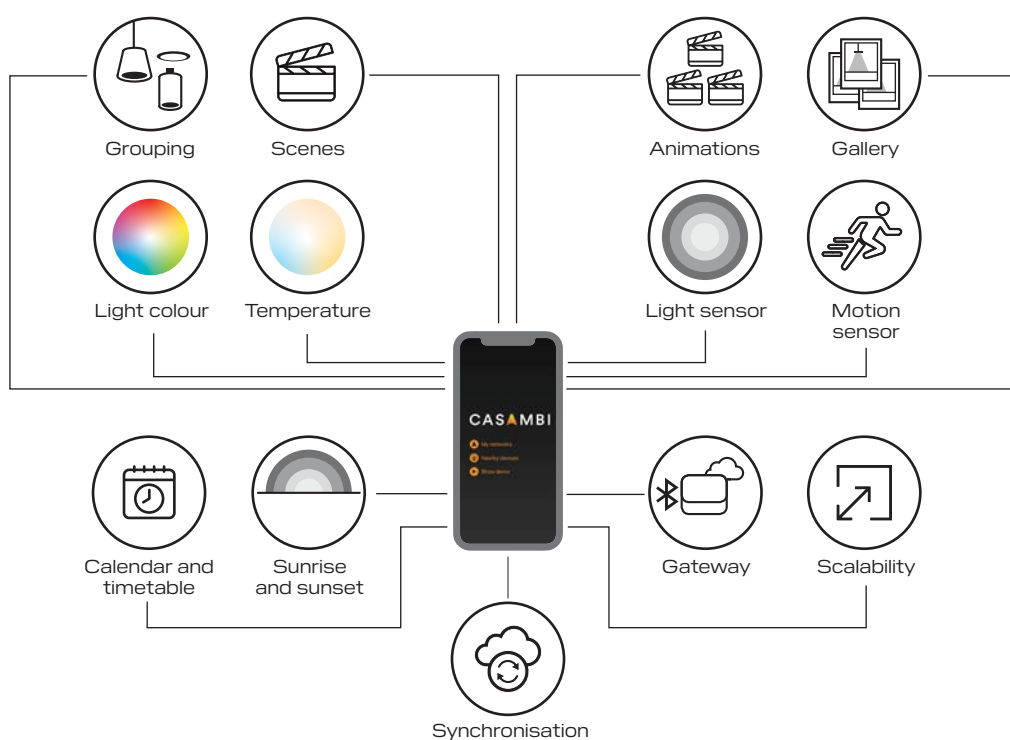
DMX communication protocol

CONTROL AND MANAGEMENT OF RGBW LUMINAIRES

The most commonly used control system is the DMX protocol, a digital language model that allows the development and design of any colour effect we wish.

We work with a software in which we can create all the customised programming required by each client, from flags, corporate colours, solidarity colours to public holidays.

Our system allows us to create static and moving scenes, as well as to make a timed start-up following a permanent astronomical calendar, and even to set scenes for specific dates, all within an "open" platform.

DMX CONTROL SYSTEM IS AN ELECTRONIC PROTOCOL FOR THE CONTROL AND REGULATION OF LIGHTING, ALLOWING COMMUNICATION BETWEEN THE CONTROL EQUIPMENT AND THE LIGHT SOURCES THEMSELVES.

• 100% compatible with any luminaire with DMX protocol.

• It has programming and the possibility of creating customised programmes by the user in a quick way.

• Option of personalised and customised programming from the factory.

• Three versions available, real time control from a PC, programmed management from PC or in stand alone mode.

• Different event triggering options, time and calendar alarms.

Flat wall-mounted lighting controller	Apps for iPhone, iPad and Android	USB connection for easy programming	Stand-alone, touch-sensitive control screen	Ethernet RJ45 or WIFI and synchronisation	Easy Ethernet integration
8 ports, RS232, infrared	Unlimited memory via SDCARD (KE2/DE3)	Glass design and cutting-edge technology	1024 DMX output channels, expandable up to 2048 channels	Ideal for DMX, RGB, and RGBW lighting	Permanent integrated clock and calendar

DMX

Ref.	4510	4511	4512
GENERAL			
Size	86x110x11	77x87x40	106x145x10
Connection via router	-	●	●
Sd card	-	●	●
DMX channels	512	512	1024
Touch panel	●	-	●
USB connection	●	●	●
SOFTWARE			
Windows PC	●	●	●
Mac os	●	●	●
Android	-	●	●
iOS	-	●	●
AUTONOMOUS MODE			
Number of scenes	99	200	500
Number of zones	1	5	10
Memory	140	UNLIMITED	UNLIMITED
Calendar	-	ASTRONOMIC	ASTRONOMIC
Triggers in calendar	-	40	100

It offers the best solution for projects that require a large number of customised scenes together with a neat and intuitive interface. designed in black touch glass. Flush mountable in a standard mechanism box.
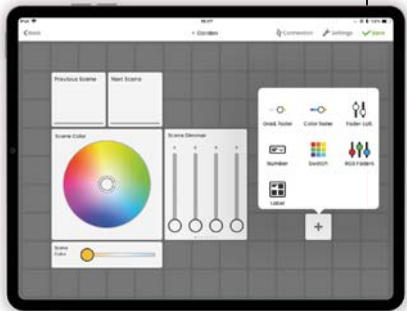
Ideal option for architectural solutions. It allows the customisation and programming of multiple scenes, to assign them to an annual astronomical calendar and adjust the switching on and off as the months progress. It is the ultimate "set and forget" solution.

Designed to provide a control solution for the most demanding projects and yet easy enough to use.

Graphical colour screen, allowing you to display photos of the scene. Easily view the selected area, scene name and layout without the need to navigate through complex menus.

Scroll the touch-sensitive wheel to change dimmer, colour, speed or scene, or tap around the wheel to directly access a value.

Flush mountable in a double mechanism box, in a vertical position.

DMX

COMPLEMENTS

DMX SINGLE CHANNEL AMPLIFIER
Ref. S4519

Single-channel amplifier for DMX installations.
100 metres more DMX wiring distance.
Several can be mounted in cascade.

SPLITTER DMX
Ref. S4520

Divisor y amplificador para instalaciones DMX.
4 salidas, para realizar instalaciones en estrella.
100 metros de cableado máximo por salida.
Permite montajes en cascada, creando más
ramificaciones en la instalación.

DMX TRANSMITTER RECEIVER
Ref. S4521

Radiofrequency transmitter/receiver for DMX
signal.
It allows to replace the data bus by radiofrequency
signal.
Maximum range in open field of 400m.
Unlimited number of receivers for one
transmitter16 channels in different frequencies for
simultaneous multi-node set-ups.

SPECIAL DMX CABLE
Ref. SCBDMX

2-pole + wire mesh.
Low impedance 110 Ω.
Available by the metre.

Aluminio

110Ω
DMX
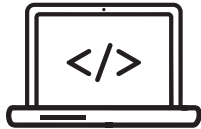
PROGRAMMING
Ref. S4529

Customised programming for RGBW projects.
Fully customised for the end user.
Includes a modification of the programming if
necessary.
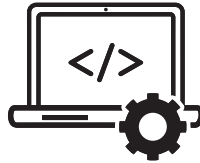
PROGRAMMING AND COMMISSIONING
Ref. S4530

Customised programming for RGBW projects.
Totally customised for the end consumer.
It includes:
Layout of the installation with the installation
company.customised programming.commissioning
of the installation by one of our technicians.
Commissioning of the installation by one of our
technicians.
Revision of the installation if necessary.
Training of the control software and programming of
the switchboard. Modification of the programming if
the client considers it necessary.

DALI communication protocol

DALI stands for Digital Addressable
Lighting Interface.

DALI is an open bidirectional protocol; it is a digital language used worldwide to control lighting components such as LED drivers. It allows dimming information and commands, fault data and diagnostics to be transferred between different devices.

DALI-2 is the latest version of DALI. It offers improved interoperability between products from different suppliers thanks to mandatory certification and provides more features such as consumption data, but above all it now includes control devices that were not included with the original DALI.

DALI 2 = DALI +

fix "V1" errors & gaps	new features
controls (Standardized)	mandatory certification

AUTOMATION
INPUT

- Safety test
- Automatic processes
- Circadian rhythm
- Calendar
- Presence
- Daylight

INTERACTION OPTIONS
INPUT

- Button
- Computer
- Laptop computer
- Mobile devices
- Lighting scenes

INDIVIDUAL CONTROL
OUTPUT
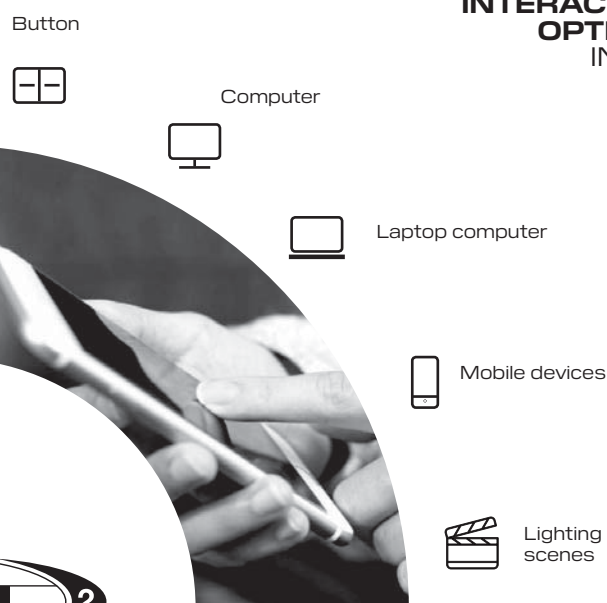
- Switch activated deactivated
- Changing the lighting
- Change the colour
- Change colour temperature
- Activate the dynamic lighting scenario
- Changing lighting scenes
- Changing the balance of direct / indirect light

DALI controllers

REF.	S3310B	S3311B	S3312B
DIMENSIONS	110x53x65	144x90x59	VARIABLE
POWER SUPPLY VOLTAGE	100-240VAC	100-305VAC	110-230VAC
MAINS FREQUENCY	50-60 HZ	47-63 HZ	50-60 HZ
OPERATING TEMPERATURE	-20ºC a 50ºC	-25ºC a 45ºC	-25ºC a 50ºC
NUMBER OF DALI BUSES	1	2	hasta 1600
CONNECTION	USB	USB/ETHERNET	USB/ETHERNET
MOUNTING	TRACK DIN 35mm	TRACK DIN 35mm	TRACK DIN 35mm
IP	IP20	IP20	IP20
INTERFACE PROGRAMMING	USB	USB/ETHERNET	USB/ETHERNET
BUILT-IN BUS GENERATOR	SI	SI	SI
MAX BUS CURRENT	250mA	2*240mA	210mA por bus
DALI2 SUPPORT	301-302-303-304	207-208-301-302-303-304	207-208-301-302-303-304
INTEGRATION	NO	MODBUS	MODBUS-KNX-BACNET

FUNCTIONS

ADDRESSES	64	128	de 64 to 25600
GROUPS	32	2x16	to 400x16
INPUT DEVICE	12	2x16	to 400x16
SCENES	16	2x16	to 400x8
ACTIVATIONS IN TIME	256	256	256
RELAY OUTPUTS	NO	4	SI
DAYLIGHT	SI	SI	SI
RGBW	SI	SI	SI
HCL	SI	SI	SI

BENEFITS

• It regulates the intensity of the luminous flux.

• Allows luminaires to be switched on and off by establishing routines and creating different scenes for each time of day and each place, without the need to regulate these characteristics manually.

• Control of consumption per luminaire (depending on the model).

• Control of intensity and even switching on and off depending on the amount of natural light coming through the window at any given time.

• Allows integration with superior building management systems (depending on model).

• These functions enabled by the DALI system are essential not only to be able to create an ambience adapted to your needs at any time of the day, but also to do so automatically and even facilitate control of the luminaires when there is no one on the premises.

Sustainability
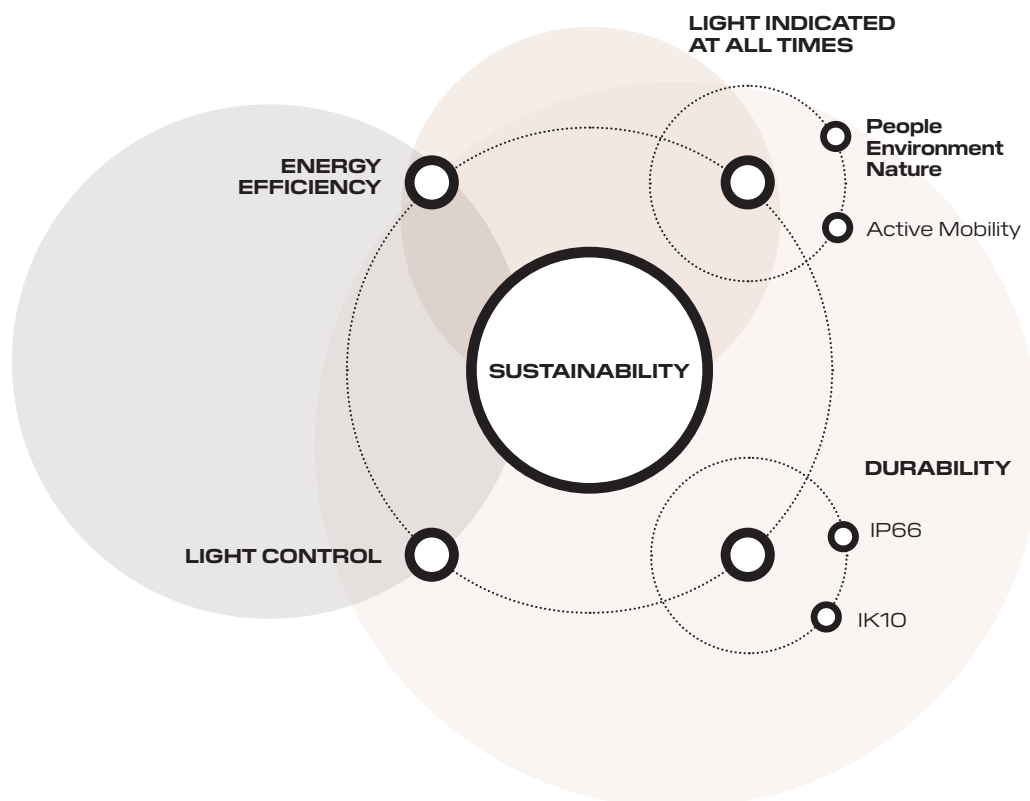
90 % of the environmental impact of a luminaire depends on its use: this is where the greatest potential for reducing costs and protecting the environment lies. That's why we choose highly efficient LEDs and drivers, develop optics that achieve excellent Lm/W values in luminaires and long projection distances, to improve the efficiency of the system. But that's not all: each of our luminaires can be managed with control systems that allow light to be used only where it is needed. However, the remaining 10% of the environmental impact comes from other factors, such as production, transport and waste disposal.

That's why we choose the precise percentage of recycled component based on the performance required; we reduce the weight of the product and make it easy to break down for easy disposal. Finally, we design products and components with a very high level of reliability for a long service life.

Energy efficiency

Saving energy is not only good for the health of your wallet, but also for the health of the planet. There are many ways to save or optimise processes so as not to pollute or waste so much energy, and one of them is LED lights.

LED lights are able to optimise energy better, emitting the vast majority of it in the form of light. This is the main reason why they are so energy efficient. In this article we will give you the best tips on how to save energy with LED lights and save more energy for your pocket and for the planet.

SOLUTIONS TO MAXIMISE ENERGY EFFICIENCY

CUSTOMISED FACTORY DRIVER SETTINGS.

Intelligent luminaire drivers can be factory programmed with complex dimming profiles.

The period between switch-on and switch-off is used to activate the pre-defined dimming profile. The customised dimming system means maximum energy savings while respecting the required lighting levels and uniformity throughout the night.

RENDIMIENTO

INTELLIGENT AND AUTONOMOUS SENSORS ACCORDING TO NATURAL LIGHT INPUT

In order to maximise energy savings and at the same time avoid over-lighting, which can cause discomfort and be counterproductive, it is necessary to use a series of sensors that allow the luminaires to be regulated automatically depending on the amount of natural light entering the room at any given moment.

If the room is quite naturally lit, either due to the amount of light coming in through the window, glass, skylight or any other architectural element that allows natural light to pass through, the sensor detects this and regulates the luminaires so that they reduce the light intensity emitted until they reach the light levels required by the regulations. However, if the weather is cloudy or the office has little natural light for any reason, the luminaires will increase the luminous flux emitted until the required values are reached.

In this way, regardless of the time of day, the weather or any other situation, constant and uniform light levels are ensured to enable the relevant office activity to be carried out.

To achieve this, it is not necessary for each luminaire to have an individual sensor, but it would be sufficient to place a sensor in the area where the first row of luminaires closest to the window or architectural element through which natural light enters. This sensor sends the signal to the control system, which transmits the information to the luminaires for dimming. However, not all luminaires must be dimmed in this way, as the Technical Building Code stipulates that only luminaires within 5 metres of the window must be dimmed, so the rest of the luminaires must remain at 100% regardless of the natural light flow.

STAND-ALONE SOLAR ENERGY SOLUTIONS

Solar LED lighting. Solar-powered lighting devices are becoming increasingly popular, save energy and do not require any electrical connection.

A solar LED light is equipped with a battery and a panel of photovoltaic cells. They capture solar energy and convert it into electricity.

With solar LED lighting, you have the opportunity to reduce your ecological footprint.

STUDY OF TAILOR-MADE PROJECTS TO REDUCE ELECTRICITY COSTS

A good lighting study improves energy efficiency in any installation, makes it possible to supervise the performance of the equipment, monitor its working parameters and guarantee its correct operation, as well as detecting possible improvement actions, potential savings and verifying whether the systems installed or those to be installed are correctly adapted to the real needs.

Light Control

The new state-of-the-art light control platforms developed by Secom.

Innovative system for perfect lighting, thanks to them we achieve the magic of redirecting and correctly exploiting the light in the necessary directions.

The new platforms improve the performance of the luminaire and improve the energy consumed, without losing sight of making environments more attractive at night, improving urban life and completely reducing light pollution.

Intrusive light

Intrusive light

Glare

Glare

eralight®
system

eonlight®
system
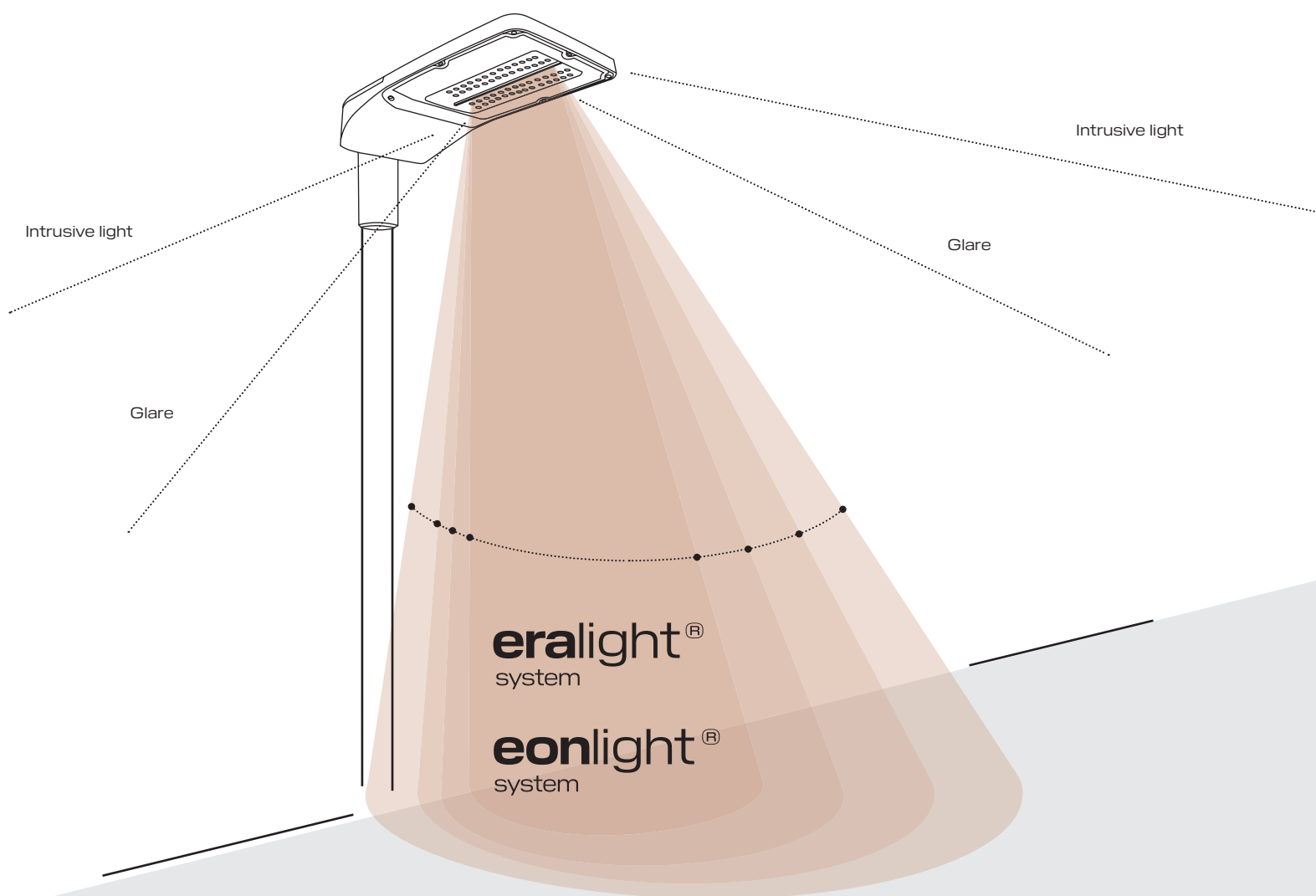
Indicated light at all times

$$ULR = \frac{ULOR}{ULOR + DLOR}$$

ULOR

DLOR

LOR

Unwanted light

Lost light
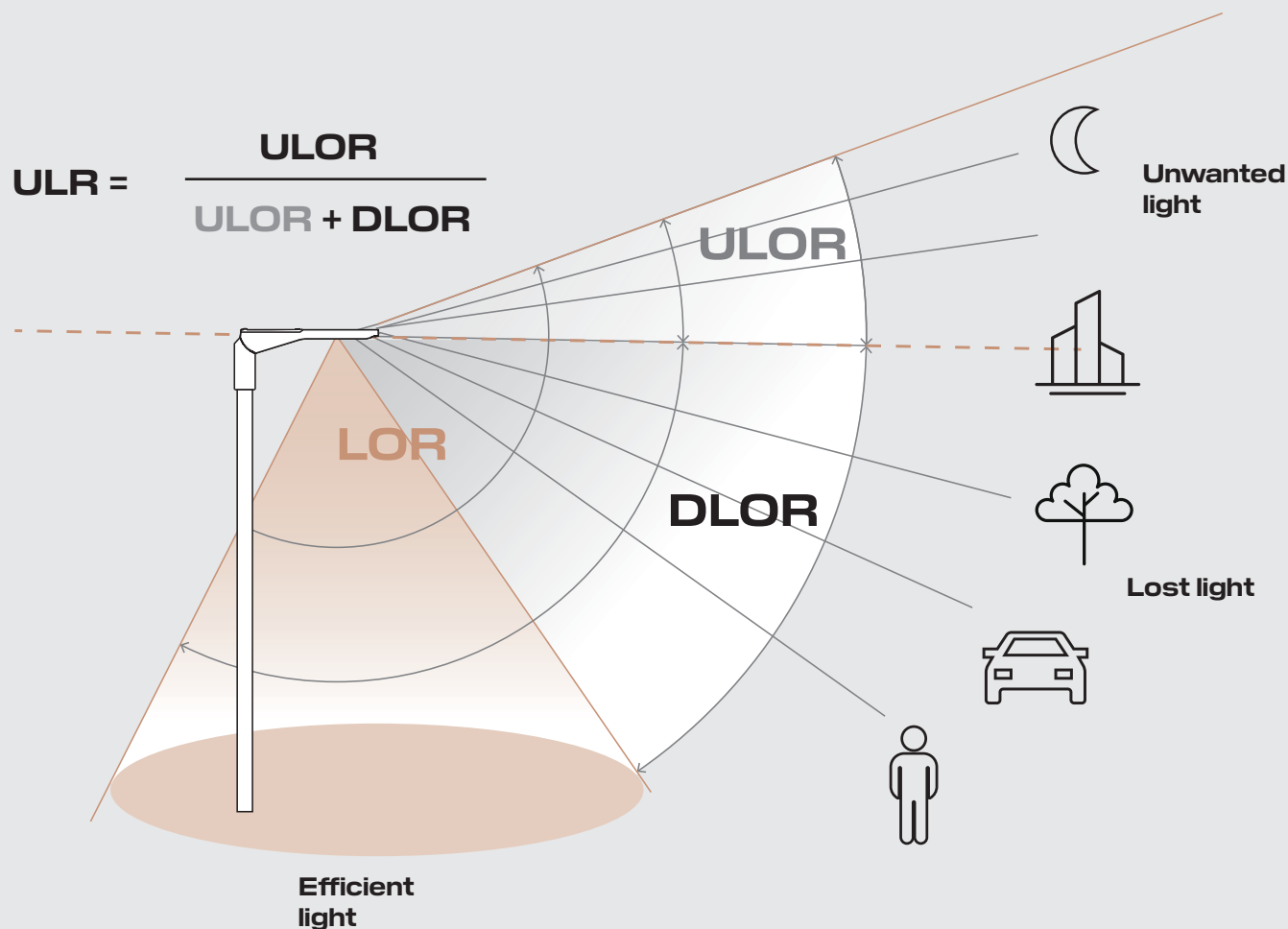
Efficient light

At Secom we are concerned not only with saving energy, but also with minimising light pollution and protecting the skies.

With our technology platforms we offer efficient and non-polluting lighting. We developed luminaires to have a low flux emission towards the upper hemisphere (<1%).

ULOR
% Upward Luminous Flux.
In lighting, the term "ULOR" stands for "Upward Light Output Ratio". ULOR is a measure used to evaluate the amount of light that is emitted upwards from a luminaire or lighting system.

DLOR
% Lower luminous flux.
In lighting, the term "DLOR" stands for "Daylight Opening Ratio". DLOR is a measure used to assess the amount of daylight entering a space through windows.

LOR
% Of the light emitted.
In lighting, the term "LOR" stands for "Light Output Ratio". LOR is a measure used to evaluate the efficiency of a luminaire or lighting system and is expressed as a percentage.

Light
ultra warm

WE OFFER ULTRA-WARM LIGHT (1700K) WITH A RADIANT FLUX BELOW 440NM FOR ENVIRONMENTALLY FRIENDLY STREET LIGHTING

Thanks to the ERAlight and EONlight platforms we provide efficient light management, allowing you to control our luminaires thanks to our smartlighting technologies.

The benefits:

- **Economic savings (adequate light at all times).**
- **Real-time monitoring (status of the luminaires).**
- **Big Data (data management in luminaires).**
- **Customised programming.**
- **Commissioning.**

1700K   3000K   4000K   5000K

Durability

At Secom we work to help people and the environment, always to achieve adequate and responsible lighting in any sector, helping our customers to reduce energy costs and optimise investments, reduce light pollution and minimise environmental nuisance. We base our work on these criteria:

1 - Security:

We offer solutions that guarantee people's safety and that, at the same time, have safe, robust and long-lasting installations.

We ensure that the luminaires are easy to maintain and provide the best energy savings for our customers.

Choosing certified and compliant products is essential in any project.

In public or industrial lighting projects, the average service life is between 20-25 years.

2 - Durability:

We use suitable materials according to the environment or requirements of our customers.

EN AC-44100
EN AC-46500

High-strength aluminium commonly used in aerospace and defence applications. It has excellent corrosion resistance and good weldability. This alloy is easily machined and has good formability.

S7

S7 thermoplastic is a polymer characterised by high thermal and chemical resistance, as well as good dimensional stability and resistance to deformation. S7 is a high performance material used in applications requiring resistance to high temperatures and aggressive chemicals.

Generic symbols

sg

INSTALLATION SITE

	INTERIOR SOLUTION
	Recessed lighting
	Linear lighting
	Rail installation
	Suspension surface lighting
	Lighting screens and panels
	Emergency lighting

	EXTERNAL SOLUTION
	Outdoor lighting
	Industrial lighting
	Tunnel lighting
	Horticultural lighting

ASSEMBLY

	Ceiling surface installation
	Wall surface installation
	Floor surface installation
	Recessed ceiling installation
	Wall mounting installation
	Floor recessed installation
	Suspension installation
	Installation Track
	Installation of flexible strip

GENERIC

	Material of construction Aluminium
	Manufacturing material Thermopolymer
	Guarantee 3 - 5 - 10 years
	Lighting CCT

	Lighting RGBW
	Lighting RGB
	Lighting R/G/B
	Lighting Power supply
	Warehouse lighting
	Sports lighting
	Lighting ATEX
	Rotation
	Inclination
	Upper hemisphere flow of the effective total
	Upper hemisphere flow of the effective total
	Direct to mains
	Battery life 1 h
	Installation of roof cutting

Technical symbols

LED	LED type			CLASS I
⚡	Power supply voltage			CLASS II
	Electrical frequency (Hertz)			CLASS III
W	Power (Watts)			Estimated useful life
	Driver included in luminaire			Working temperature
	Dimmable luminaire			Wind resistance
CRI	CRI - colour rendering index		**KG**	Luminaire weight
	IP - Degree of protection water/dust			
	IK - Impact resistance			
	Colour temperature (Kelvin)			
	Light beam opening angle			
	UGR glare index			
PF	Power factor			
	Photobiological risk			

AIRCOM

CE · RoHS 2011/65/UE · ENAC

RECESSED
LIGHTING
SYSTEM

Low recessed downlight, with high quality
technical thermoplastics for a homogeneous
uniformity of light over its entire surface.

Ideal for installation in all types of removable
ceilings, technical ceilings, plaster and
plasterboard.

HOMOGENEOUS ILLUMINATION

DALI 2.0 communication option

CASAMBI communication option

Technical thermoplastic PA diffuser

FAMILY

AIRCOM · S circular	82 Ø mm	**AIRCOM · M** circular	170 Ø mm	**AIRCOM · L** circular	218 Ø mm
	70 Ø mm		155 Ø mm		205 Ø mm
	8 W		11 / 14 W		20 W

AIRCOM · S square	105x105 mm	**AIRCOM · M** square	180x180 mm	**AIRCOM · L** square	260x260 mm
	90x90 mm		168x168 mm		245x245 mm
	8 W		11 / 14 W		20 W

AIRCOM

LED MID POWER	220-240V	50-60 HZ	W 8 11 / 14 20	DRIVER INCLUDED	OPTIONAL	CRI >80	44/20	3000K 4000K	110º	-	PF <0,95	0	CLASS II	50.000 H L80B10	-20º +35º	Circular S - 0,450 M - 0,500 L - 0,600 Square S - 0,600 M - 0,700 L - 1,200

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S4206B Circular	**01** (White)	**08** (8 W) S	**83** (3000 K)	**-**	**-** Without secondary optics 110º	**-** ON / OFF Standard	**DM8** Integrated motion detector (11/14/20w)
S4250B Square	**02** (Black)	**11** (11 W) M	**84** (4000 K)			**DRD** Driver adjustable Dali 2.0	
		14 (14 W) M				**LCS** CASAMBI	
		20 (20 W) L					
S4206B	**01**	**14**	**83**	**-**	**-**	**DRD**	**-**

Example configuration **S4206B011483DRD**

COMPLEMENTS

SKE1	Emergency kit 1 h. autonomy (Without Autotest)
SKE3	Emergency kit 3 h. autonomy (Without Autotest)
SOTR0303	Emergency kit 3 h. autonomy (Self-test) Class II

*sensors: see external sensors diptych or sensors catalogue section.

OPTICS

-
110º

DIMENSIONS

Ø82
Ø170
Ø218

105x105
180x180
260x260

COLOURS

WHITE (01)

BLACK (02)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

CIRCULAR

3000K / CRI>80			4000K / CRI>80		
W LED	Lm. LED	Lm. System	W LED	Lm. LED	Lm. System
8	665	282	8	700	297
11	963	754	11	1014	794
14	1815	1421	14	1911	1496
20	2651	2074	20	2791	2183

SQUARE

3000K / CRI>80			4000K / CRI>80		
W LED	Lm. LED	Lm. System	W LED	Lm. LED	Lm. System
8	684	210	8	720	220
11	792	620	11	834	653
14	1492	1168	14	1571	1229
20	2600	2034	20	2677	2095
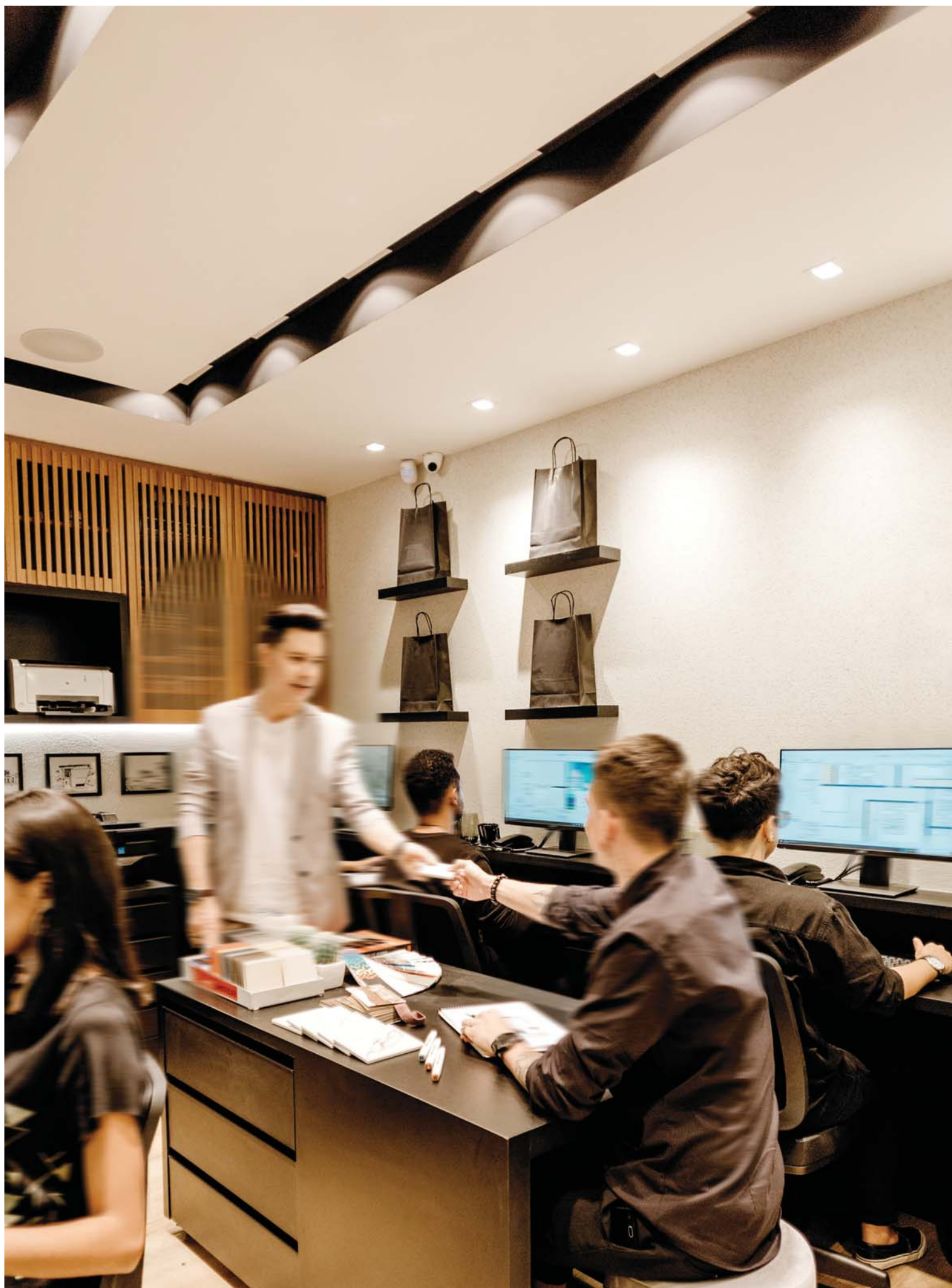
COMPACT S2

RECESSED LIGHTING SYSTEM

High quality downlight with great visual comfort and elegant design.

Ideal for installation in a multitude of spaces, private residences, offices, public buildings, etc...

HIGH QUALITY LUMINAIRE

Uniform light

Ensured visual comfort

COMPACT S2	220 Ø mm
	205 Ø mm
	20 / 30 W
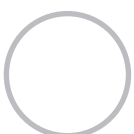
COMPACT S2

| LED MID POWER | 220-240V | 50-60 HZ | W 20 30 | DRIVER INCLUDED | OPTIONAL | CRI >80 >90 | 44/20 | 3000K 4000K | 102º | >20 | PF <0,95 | 0 | CLASS II | 50.000 H (Tc 85ºC) | 0º +35º | KG 0,750 |

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S2701B	01 (White)	20 (20 W)	83 (3000 K) CRI80	-	- Without secondary optics 102º	- ON / OFF Standard	-
	02 (Black)	30 (30 W)	84 (4000 K) CRI80			DRD Driver adjustable Dali 2.0	
			CCT (2700 K / 5000K) CRI>80			TR Colour temp. control Dali DT8 (CCT)	
			93 (3000 K) CRI90			LCS CASAMBI	
			94 (4000 K) CRI90				
S2701B	01	20	83	-	-	DRD	-

Example configuration **S2701B012083DRD**

OPTICS

-
102º

DIMENSIONS

70
Ø220

COLOURS

○ **WHITE** (01)

● **BLACK** (02)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

3000K / CRI>80

W LED	Lm. LED	Lm. System
20	2241	1671
30	3361	2507

4000K / CRI>80

W LED	Lm. LED	Lm. System
20	2490	1857
30	3735	2786

3000K / CRI>90

W LED	Lm. LED	Lm. System
20	2016	1503
30	3024	2256

4000K / CRI>90

W LED	Lm. LED	Lm. System
20	2241	1671
30	3361	2507

AIRCOM SUPRA

RECESSED
LIGHTING
SYSTEM

High-power circular downlight, ideal for general lighting in offices and commercial establishments where a high level of light is required.

For installation in all types of removable ceilings, technical ceilings, plaster and plasterboard. Can be installed outdoors on request (ref: IP65).
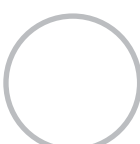
HIGHLY ROBUST LUMINAIRE

High performance

LEDs RGBW

FAMILY

AIRCOM SUPRA	213 Ø mm
	195 Ø mm
	40 / 60 W

AIRCOM SUPRA extraflat	245 Ø mm
	230 Ø mm
	20 W

AIRCOM SUPRA

LED			W			CRI					PF						
MID POWER	220-240V	50-60 HZ	40 60 20	DRIVER INCLUDED	OPTIONAL	>80 >95	44/20 65	3000K 4000K 5700K	110º	-	0,95	0	CLASS II	50.000 H L80B10	-20º +35º	1,700

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S4227	**01** (White)	**40** (40 W)	**83** (3000 K) CRI80	-	**-** Without secondary optics 110º	**-** ON / OFF Standard	**IP65** protection index (4227 / 4228)
S4228 (RGBW)	**02** (Black)	**60** (60 W)	**84** (4000 K) CRI80			**DRD** Driver adjustable Dali	**DM8** Integrated motion detector
S4220 (extraflat)		**60** (60 W) RGBW	**85** (5700 K) CRI80			**DR** Regulation 1 - 10 V	**CT** Transparent closure (only S4227 / S4228)
			93 (3000 K) CRI90				**AM** Marine environment paint
		20 (23 W) extraflat	**94** (4000 K) CRI90				
			95 (5700 K CRI90				
			R (LED red) **G** (LED green) S4227 **B** (LED blue)				
S4227	01	40	94	-	-	DRD	DM8

Example configuration **S4227014094DRDDM8**

COMPLEMENTS
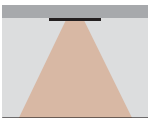
PCFT	Surface Flow Control Sensor for DR
CF23	Integrated Mini Flow Control
4500	DMX wall mounted control (RGBW)
4501	Radiofrequency (RGBW) wall mounted control unit
4502	Radiofrequency wireless hand-held control (RGBW)
SOTR0303	Emergency kit 3 h. autonomy (Autotest) Class II
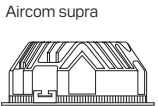
OPTICS

-
110º
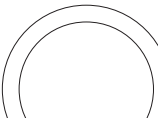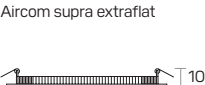
DIMENSIONS

Aircom supra
83
Ø213

Aircom supra extraflat
10
Ø245

COLOURS

WHITE (O1)

BLACK (O2)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

3000K / CRI>80

W LED	Lm. LED	Lm. System
40	5607	3838
56	8200	5612

4000K / CRI>80

W LED	Lm. LED	Lm. System
40	5752	3938
56	8308	5687

5700K / CRI>80

W LED	Lm. LED	Lm. System
40	5752	3938
56	8308	5687

3000K / CRI>95

W LED	Lm. LED	Lm. System
40	5056	3454
56	7380	5050

4000K / CRI>95

W LED	Lm. LED	Lm. System
40	5176	3544
56	7477	5118

5700K / CRI>95

W LED	Lm. LED	Lm. System
40	5176	3544
56	7477	5118

SYSTEM FLUX DEPENDING ON OPTICAL VERSION / extraflat

3000K / CRI>80

W LED	Lm. LED	Lm. System
23	2600	2034

4000K / CRI>80

W LED	Lm. LED	Lm. System
23	2677	2095

5700K / CRI>80

W LED	Lm. LED	Lm. System
23	2677	2095

3000K / CRI>95

W LED	Lm. LED	Lm. System
23	2340	1830

4000K / CRI>95

W LED	Lm. LED	Lm. System
23	2409	1885

5700K / CRI>95

W LED	Lm. LED	Lm. System
23	2409	1885
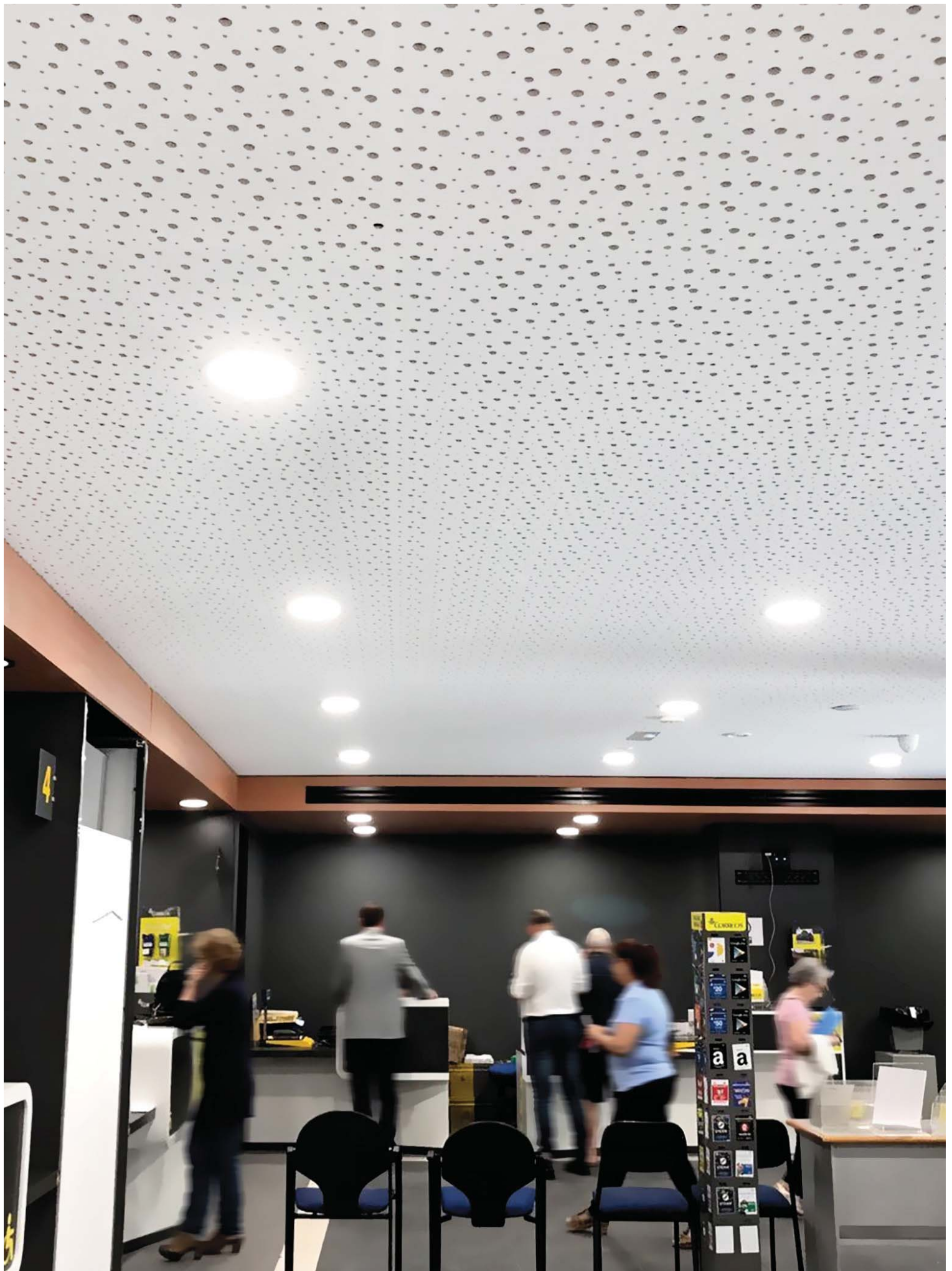
VALO

**RECESSED
LIGHTING
SYSTEM**

High-performance, high-performance luminaire.

Designed to offer high visual comfort and the possibility of various colour configurations, combining outer ring and reflector.

CONICAL DESIGN, COMBINATION OF FINISHES OPTION

High performance

UGR<15 - High visual comfort

Special power LEDs

FAMILY

VALO · S	72 Ø mm	**VALO · M**	82 Ø mm	**VALO · L**	207 Ø mm
	65 Ø mm		75 Ø mm		195 Ø mm
	8 W		13 W		26 W

VALO

LED COB	220-240V	50-60 HZ	W 8 13 26	DRIVER INCLUDED	OPTIONAL	CRI >80	IP44/20	2700K 3000K 4000K	2 OPTICS	<15 (8-13W) >20 (26W)	PF <0,95	0	CLASS II	50.000 H L80B10	-20º +35º	KG S 0,205 M 0,240 L 1,500

REFERENCE GENERATOR
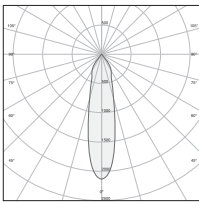
REF. PRODUCT	COLOUR RING	COLOUR INDOOR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S3704B	01 (White)	01 (White)	8 (8 W) S	827 (2700 K)	-	- Without secondary optics 35º (S / M)	- ON / OFF Standard	-
		02 (Black)	13 (13 W) M	83 (3000 K)		- Without secondary optics 90º (L)	DRD Driver adjustable Dali 2.0	
		00 (Aluminium met.)	26 (26 W) L	84 (4000 K)			LCS CASAMBI	
		33 (Gold)						
		75 (Copper)						
S3704B	01	33	13	83	-	-	DRD	-

Example configuratio **S3704B01331383DRD**
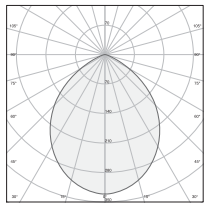
COMPLEMENTS

SKE1	Emergency kit 1 h. autonomy (Without Autotest)
SKE3	Emergency kit 3 h. autonomy (Without Autotest)
SOTR0303	Emergency kit 3 h. autonomy (Self-test) Class II

*sensors: see external sensors diptych or sensors catalogue section.

OPTICS

8w / 13w
35º

26w
90º

DIMENSIONS

Ø 72   60

Ø 82   66
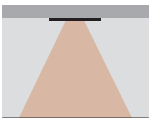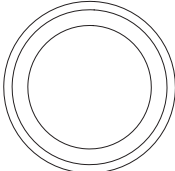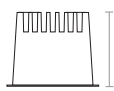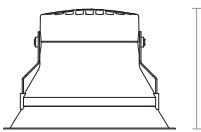
Ø 207   143

COLOURS ring

WHITE (01)

COLOURS inside

WHITE (01)

BLACK (02)

ALUMINIUM MET. (00)

GOLD (33)

COPPER (75)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

2700K / CRI>80

W	Lm. LED	Lm. System
8	807	532
13	1106	863
26	2638	1720

3000K / CRI>80

W	Lm. LED	Lm. System
8	850	560
13	1165	909
26	2777	1811

4000K / CRI>80

W	Lm. LED	Lm. System
8	892	588
13	1223	954
26	2865	1870

2700K / CRI>80

3000K / CRI>80

4000K / CRI>80

W	Lm. LED	Lm. System
8		
13		

LOOP

RECESSED LIGHTING SYSTEM

Recessed luminaire with a modern and minimalist design with a conical shape, which provides homogeneous illumination and avoids glare.

CONICAL DESIGN, COMBINATION OF FINISHES OPTION

High performance

Visual comfort

FAMILY

LOOP · S
80 Ø mm
70 Ø mm
8 W

LOOP · M
102 Ø mm
90 Ø mm
11 W

LOOP · XL
162 Ø mm
140 Ø mm
11 W

LOOP · S
OSCILLATING
80 Ø mm
70 Ø mm
8 W

LOOP · XL
OSCILLATING
158 Ø mm
145 Ø mm
11 / 26 W

LOOP

LED			W			CRI					PF				KG
HIGH POWER	220-240V	50-60 HZ	8 11 26	DRIVER INCLUDED	OPTIONAL	>80	20 54/20 65/20	2700K 4000K 3000K	3 OPTICS	-	<0,95	0	CLASS II	50.000 H L80B10	-20º +35º	LOOP S 0,300 LOOP M 0,350 LOOP XL 0,450

LOOP S OSC. 0,300
LOOP XL OSC. 1,500

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S3700B (S)	01 (White)	08 (8 W) S	827 (2700 K)	-	- Without secondary optics 60º	- ON / OFF Standard	IP54 protection index IP54/IP20
S3701B (M)	02 (Black)	11 (11 W) M/XL	83 (3000 K)			DRD Driver adjustable Dali 2.0	IP65 protection index IP65/20
S3703B (XL)			84 (4000 K)				
S3701B	01	11	83	-	-	DRD	-

Example configuration **S3701B011183DRD**

REFERENCE GENERATOR / OSCILLATING

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S1850B (S)	01 (Blanco)	08 (8 W) S	827 (2700 K)	-	- Without secondary optics 43º (S)	- ON / OFF Standard	IP54 protection index IP54/IP20
S1860B (XL)	02 (Negro)	11 (12 W) XL	83 (3000 K)		- Without secondary optics 54º (XL)	DRD Driver adjustable Dali	IP65 protection index IP65/20
		26 (26 W) XL	84 (4000 K)				
S1860B	01	11	84	-	-	DRD	-

Example configuration **S1860B011284DRD**

OPTICS
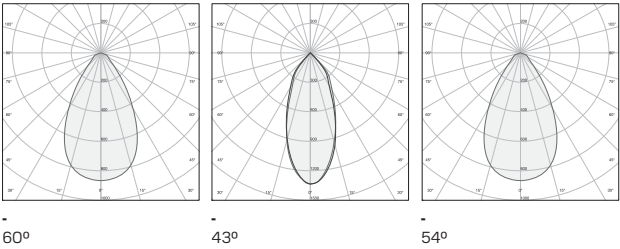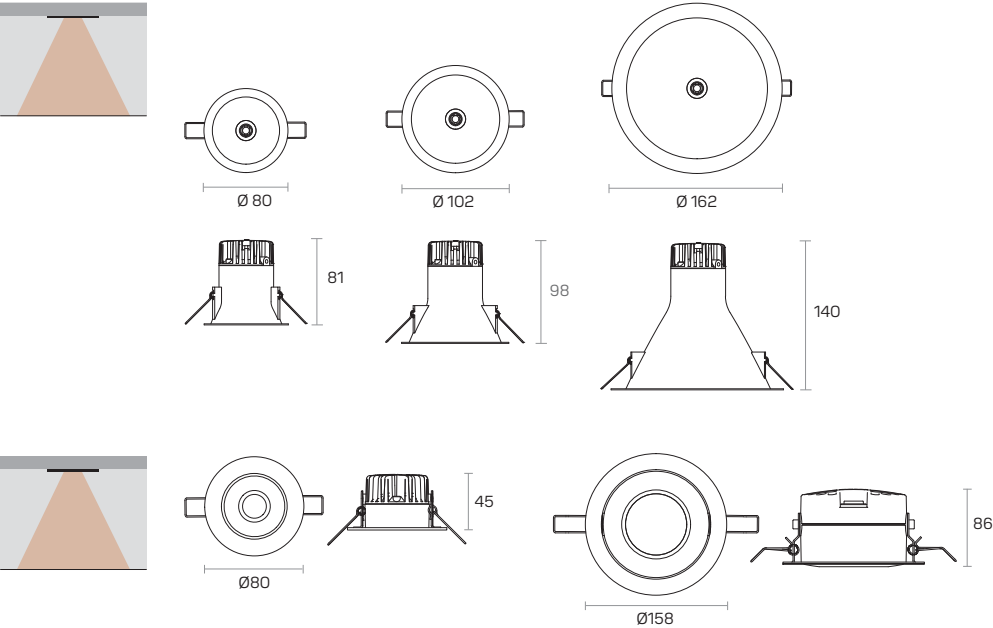
-
60º

-
43º

-
54º

DIMENSIONS

Ø 80

Ø 102

Ø 162

81

98

140

Ø80

45

Ø158

86

COLOURS

⊙ **WHITE** (01)

⚫ **BLACK** (02)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

RECESSED

2700K / CRI>80				3000K / CRI>80				4000K / CRI>80		
W	Lm. LED	Lm. System		W	Lm. LED	Lm. System		W	Lm. LED	Lm. System
8	874	631		**8**	921	665		**8**	970	700
11	1240	902		**11**	1306	950		**11**	1375	1000

OSCILLATING

2700K / CRI>80				3000K / CRI>80				4000K / CRI>80		
W	Lm. LED	Lm. System		W	Lm. LED	Lm. System		W	Lm. LED	Lm. System
8	874	631		**8**	921	665		**8**	970	700
11	1396	997		**11**	1470	1050		**11**	1522	1086
26	2793	1995		**26**	2940	2100		**26**	3045	2175

NICOM

150º
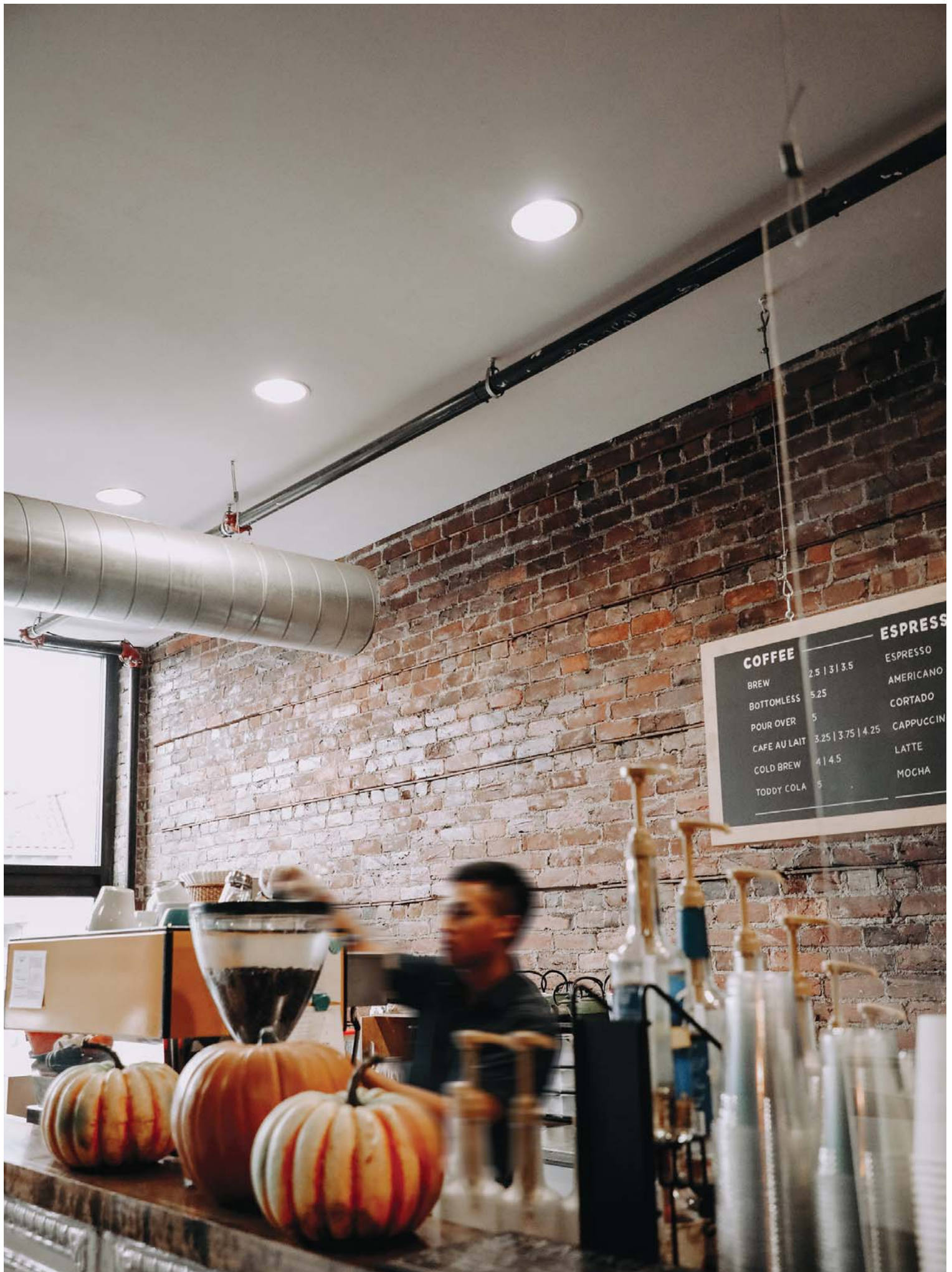
RECESSED LIGHTING SYSTEM

Recessed luminaire with a modern and minimalist design, providing homogeneous lighting, a variety of sizes for a perfect configuration.

FAMILIA

NICOM · M1	99x99 mm
	90x90 mm
	9W

NICOM · M2	99x196 mm
	90x187 mm
	2x9W

NICOM · M3	99x277 mm
	90x265 mm
	3x9W

NICOM · M4	99x365 mm
	90x356 mm
	4x9W

NICOM · M5	99x435 mm
	90x425 mm
	5x9W

NICOM · L1	200x200 mm
	180x180 mm
	26 W

NICOM · L2	200x344 mm
	180x320 mm
	2x26 W

NICOM · L3	200x496 mm
	180x475 mm
	3x26 W

NICOM · M

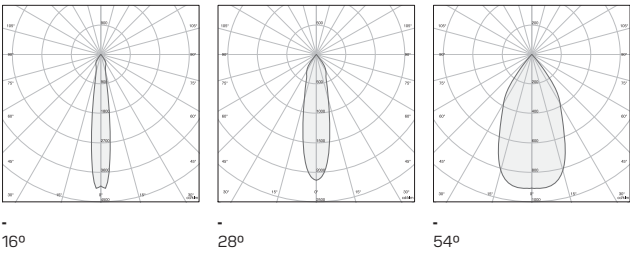|															
LED			**W**			**CRI**					**PF**				**KG**
HIGH POWER	220-240V	50-60 HZ	9 1x9 2x9 3x9 4x9 5x9	DRIVER INCLUDED	OPTIONAL	>80 >95	20	3000K 4000K	43°	-	<0,80 <0,95	0	CLASS II	50.000 H L80B10	0° +35°	M1 0,980 M4 1,780

M2 1,180 M5 2,20

M3 1,490

REFERENCE GENERATOR

REF. PRODUCT	COLOUR frame	COLOUR p. light	COLOUR indoor	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S171 (M1)	**01** (White)	**01** (White)	**01** (White)	**09** (9 W)	**83** (3000 K) CRI80	-	**-** Without secondary optics 43°	**-** ON / OFF Standard	**3416** Emergency kit
S172 (M2)	**02** (Black)	**02** (Black)	**02** (Black)		**84** (4000 K) CRI80			**DRD** Driver ajustable Dali	**CM** Matt closing
S173 (M3)					**93** (3000 K) CRI90				
S174 (M4)					**94** (4000 K) CRI90				
S175 (M5)									
S173	**01**	**01**	**02**	**09**	**84**	**--**	**-**	**DRD**	**-**

Example configuration **S1730101020984DRD**

OPTICS
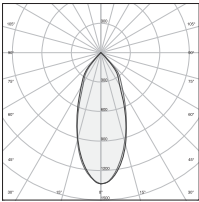
-
43°

DIMENSIONS
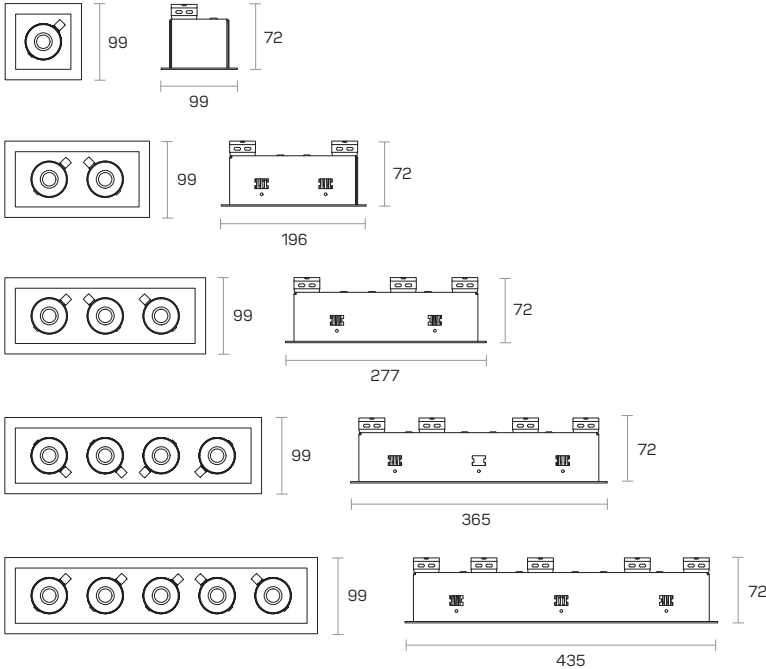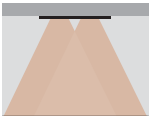
COLOURS

○ **WHITE** (01)

● **BLACK** (02)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

3000K / CRI>80

W	Lm. LED	Lm. System
9 M1	800	615
18 M2	1600	1230
27 M3	2400	1845
36 M4	3200	2460
45 M5	4000	3075

4000K / CRI>80

W	Lm. LED	Lm. System
9 M1	905	695
18 M2	1810	1390
27 M3	2715	2085
36 M4	3620	2780
45 M5	4525	3475

3000K / CRI>95

W	Lm. LED	Lm. System
9 M1	760	584
18 M2	1520	1168
27 M3	2280	1752
36 M4	3040	2336
45 M5	3800	2920

3000K / CRI>95

W	Lm. LED	Lm. System
9 M1	859	660
18 M2	1718	1320
27 M3	2577	1980
36 M4	3436	2640
45 M5	4295	3300

NICOM · L

HIGH POWER	220-240V	50-60 HZ	26 2x26 3x26	DRIVER INCLUDED	OPTIONAL	>80 >95	20	3000K 4000K	16º 28º 54º	-	<0,80 <0,95	0	CLASS II	50.000 H L80B10	-20º +35º	L1 3,300 L2 5,500 L3 7,900

REFERENCE GENERATOR

REF. PRODUCT	COLOUR frame	COLOUR p. light	COLOUR indoor	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S191 (L1)	**01** (White)	**01** (White)	**01** (White)	**26** (26 W)	**83** (3000 K) CRI80	**-**	**-** Without secondary optics 54º	**-** ON / OFF Standard	**CM** Matt closing
S192 (L2)	**02** (Black)	**02** (Black)	**02** (Black)		**84** (4000 K) CRI80		**16** 16º	**DRD** Driver adjustable Dali	
S193 (L3)					**93** (3000 K) CRI90		**28** 28º		
					94 (4000 K) CRI90				
					R (LED red) LOOP158 **G** (LED green) LOOP158 **B** (LED blue) LOOP158				
S193	**01**	**01**	**02**	**26**	**84**	**-**	**16**	**DRD**	**-**

Ejemplo configuración **S193010102268416DRD**

OPTICS
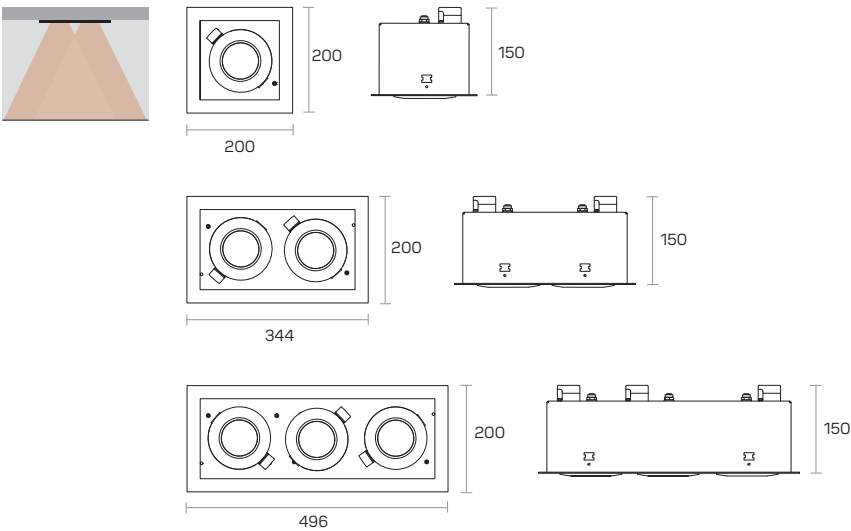
- 16º

- 28º

- 54º

DIMENSIONS

200
200

150

200
344

150

200
496

150

COLOURS

WHITE (01)

BLACK (02)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

3000K / CRI>80

W	Lm. LED	Lm. System 54º	Lm. System 16	Lm. System 28
26 L1	2897	2059	2066	2066
52 L2	5795	4119	4132	4132
78 L3	8692	6178	6198	6198

4000K / CRI>80

W	Lm. LED	Lm. System 54º	Lm. System 16	Lm. System 28
26 L1	3050	2168	2175	2175
52 L2	6100	4336	4350	4350
78 L3	9150	6504	6525	6525

3000K / CRI>95

W	Lm. LED	Lm. System 54º	Lm. System 16	Lm. System 28
26 L1	2752	1956	1962	1962
52 L2	5505	3913	3925	3925
78 L3	8257	5869	5888	5888

4000K / CRI>95

W	Lm. LED	Lm. System 54º	Lm. System 16	Lm. System 28
26 L1	2897	2059	2066	2066
52 L2	5795	4119	4132	4132
78 L3	8692	6178	6198	6198

TECLINE TRACK

CE · RoHS 2011/65/UE · ♻ · ENAC · CB
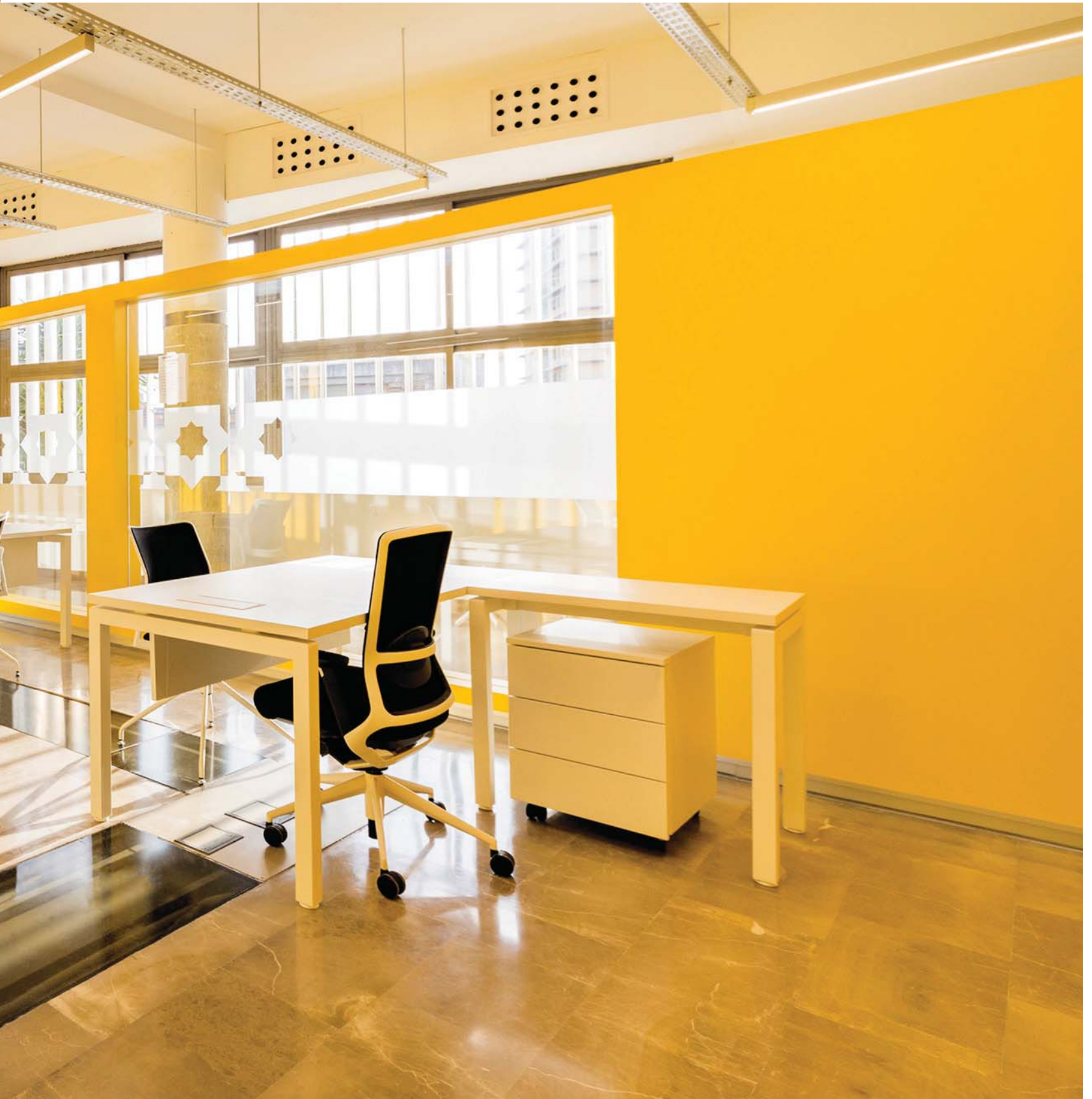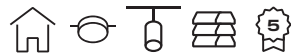
LINEAR
LIGHTING
SYSTEM

High efficiency continuous in-line lighting system, a system developed by the Secom Iluminación team with the aim of minimising installation time.

Its careful design makes installation and maintenance extremely easy and tool-free.

CONTINUOUS LINE LIGHTING SYSTEM

Designed to reduce installation costs

Connection of modules on electrified rail

High efficiency LED

TECLINE TRACK	Module LED
	76,80 x 1437 mm
	66 / 69 W

TECLINE TRACK	Track
	76,80 x 1437 mm
	76,80 x 2874 mm

TECLINE TRACK

MID POWER	230V	50-60 HZ	66 69	DRIVER INCLUDED	OPTIONAL	>80	20	3000K 4000K	6 OPTICS	<19 30º	<0,97	0	CLASS I	50.000 H LB80B10	0º +35º	1,680 1.437 mm

REFERENCE GENERATOR
MODULE LED

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	OPTICS	DRIVES
S040	**01** (White)	**58** (66w - 30º/60º/90º/A25/DA25)	**83** (3000 K)	**30** (30º)	**-** (ON/OFF)
		63 (69w - 120º)	**84** (4000 K)	**60** (60º)	**DRD** (Driver adjustable DALI 2.0)
				90 (90º)	**LCS** (Casambi)
				120 (120º)	
				A25 (Asymmetric)	
				DA25 (Double asymmetric)	
S040	**01**	**58**	**84**	**90**	**DRD**

Example configuration **S04001588490DRD**

REFERENCE GENERATOR
TRACK

REF. PRODUCT	DIMENSIONS	Nº POLES
S040TRACK	**1437** (1437 mm)	**8P** (8 polos)
	2874 (2874 mm)	
S040	**1437**	**8P**

Example configuration **S04014378P**

COMPLEMENTOS

Sistemas de instalación

S040SUSPCEIL	Suspension chain (2 pcs.) 2m
S040SUSPFIX	Cable suspension (2 pcs.) 2m
S040SURF	Surface (2 pcs) 2m

Suplementos

S040ENDCAPS	Cover start section (2 pcs)
S040CINPUT8P	Connection
S040CINPUTTBOX8P	Feeder
S040ACLCSINPUTBOX8P	CASAMBI feeder
SPT01	Cable gland
S040COVER	Blind section
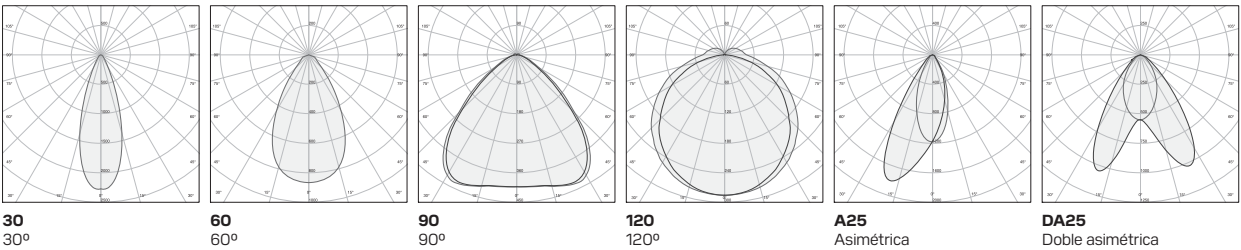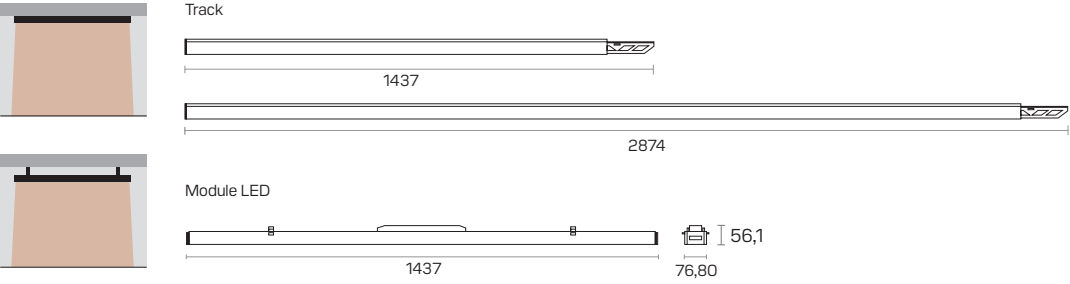
S040ENDBOX	End trim
S040SENSORDALI	DALI sensor
S040SENSORWAVE	Microwave sensor
S040TRACKMODULE	Integrated three-phase rail adapter
S040TRACKMODULEDRD	DALI integrated three-phase rail adapter

Uniones

S040L1P / 2P / 3P / 4P	L-shaped connector
S040X1P / 2P / 3P / 4P / 5P	T-junction connector
S040T1P / 2P / 3P / 4P / 5P / 6P / 7P	X-shaped connector

ÓPTICAS

30
30º

60
60º

90
90º

120
120º

A25
Asimétrica

DA25
Doble asimétrica

DIMENSIONS

Track

1437

2874

Module LED

1437

56,1

76,80

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

3000K / CRI>80

W	Lm. LED	Lm. System 30	Lm. System 60	Lm. System 90	Lm. System 120	Lm. System A25	Lm. System DA25
66	12177	10148	9735	9639	-	9447	9900
69	10230	-	-	-	8525	-	-

4000K / CRI>80

W	Lm. LED	Lm. System 30	Lm. System 60	Lm. System 90	Lm. System 120	Lm. System A25	Lm. System DA25
66	12819	10683	10248	10147	-	9944	10422
69	10768	-	-	-	8974	-	-

COMPLEMENTS

Installation systems

Ref. 040SUSCEIL
Chain suspension

Ref. 040SUSPFIX
Cable suspension

Ref. 040SURF
Surface

Supplements

Ref. 040ENDCAPS
Cover start of section

Ref. 040ACINPUT8P
AC Connection

Ref. PT01
Prensaestopa

Ref. 040ACINPUTBOX8P
Feeder

Ref. 040ACLCSINPUTBOX8P
Feeder LCS CASAMBI

Ref. 040ENDBOX
End trim

Ref. 040SENSORDALI
Blind section with DALI sensor

Ref. 040SENSORWAVE
Blind section with Microwave sensor

Ref. 040COVER
Blind section 1437 mm.

Ref. 040TRACKMODULE
Rail adapter with integrated three-phase system 1437 mm.

Ref. 040TRACKMODULEDRD
Rail adapter with integrated three-phase system 1437 mm. / DALI

L joints

Ref. 040L1P

Ref. 040L2P

Ref. 040L3P

Ref. 040L4P

T joints

Ref. 040T1P

Ref. 040T2P

Ref. 040T3P

Ref. 040T4P

Ref. 040T5P

Ref. 040T6P

Ref. 040T7P

X joints

Ref. 040X1P

Ref. 040X2P

Ref. 040X3P

Ref. 040X4P

Ref. 040X5P

INFINIT M

LINEAR LIGHTING SYSTEM

Continuous line lighting system with no light loss.

System composed of aluminium profile and LED module, quick and easy installation in its suspension, surface or recessed versions.

Its development allows you to choose between different closures, a solution for each project.

INFINITE LIGHTING EFFECT

Infinite line feeling

Perfect connection, no light loss

UP&DOWN indirect lighting option

Suspended / surface / recessed

Reduced installation costs

INFINIT M	Profile surface / susp.	**INFINIT** M	Module LED	**INFINIT** M	UP&DOWN
	45,4 x 80 x 1125 mm		37,5 x 40 x 1125 mm		45,4 x 80 x 1125 mm
	45,4 x 80 x 1685 mm		37,5 x 40 x 1685 mm		45,4 x 80 x 1685 mm
	45,4 x 80 x 2525 mm		37,5 x 40 x 2525 mm		45,4 x 80 x 2525 mm
			19 / 28 / 42 W		19+6 / 28+14 / 42+25 W
	Profile recessed				
	60 x 80 x 1125 mm				
	60 x 80 x 1685 mm				
	60 x 80 x 2525 mm				

INFINIT M

MID POWER	230V	50-60 HZ	19 28 42	DRIVER INCLUDED	OPTIONAL	>80 >90	20	3000K 4000K	5 OPTICS	*<19 3424 dep. project <19 3425-3426 <17 3429	>0,97	0	CLASS I	50.000 H L80B10	-20° +35°	1125 mm 2,660
																1685 mm 4,000
																2525 mm 6,000

REFERENCE GENERATOR MODULE LED

REF. PRODUCT	COLOUR	SIZE	POWER (W)	COLOUR TEMP.	OPTICS	DRIVER	ACCESSORIES
S042 (Susp. / Surface)	**01** (White)	**1** (1125 mm)	**19** (19w) 1125 mm	**83** (3000 K) CRI80	**-** without locking device for continuous diffuser	**-** (ON/OFF)	**-**
		2 (1685 mm)	**28** (28w) 1685 mm	**84** (4000 K) CRI80	**3428** Opal closure	**DRD** Driver prom. DALI 2.0	
		3 (2525 mm)	**42** (42w) 2525 mm	**93** (3000 K) CRI90	**3424** Confort Prisma	**LCS** Casambi	
				94 (4000 K) CRI90	**3425** Prismatic Tech	**TR** CCT con DT8	
				CCT (2700/5700 K) no versiones 3426 / 3429	**3426** Low URG white		
					3429 Low URG black		
S042	**01**	**2**	**28**	**84**	**3424**	**DRD**	**-**
Example configuration **S04201228843424DRD**							

REFERENCE GENERATOR PROFILES

REF. PRODUCT	COLOUR	SIZE
S040 (Susp. / Surface)	**01** (White)	**1** (1125 mm)
S041 (Recessed)	**02** (Black)	**2** (1685 mm)
		3 (2525 mm)
S040	**01**	**2**
Example configuration **S040012**		

RECESSED PROFILE

SURFACE PROFILE

SUSPENSION PROFILE

MODULE LED

On the surface, the clip allows quick installation of the product in different phases of the work. It allows freedom of spacing to avoid defects on site.
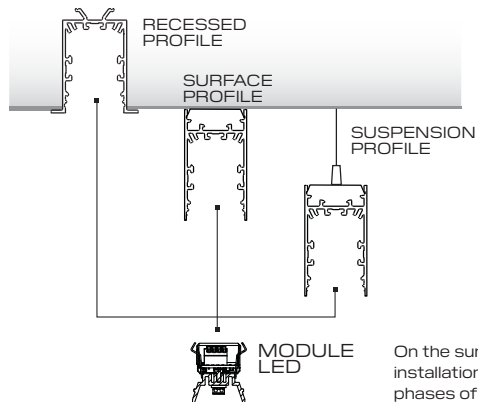
REFERENCE GENERATOR UP&DOWN

REF. PRODUCT	COLOUR	SIZE	POWER (W)	INDIRECT LIGHT	COLOUR TEMP.	OPTICS	DRIVER	ACCESSORIES
S043	**01** (White)	**1** (1125 mm)	**25** (19+6w) 1125 mm	**-** Matt closing	**83** (3000 K) CRI80	**-** without locking device for continuous diffuser	**-** (ON/OFF)	**-**
		2 (1685 mm)	**42** (28+14w) 1685 mm		**84** (4000 K) CRI80	**3428** Opal closure	**DRD** Driver adjustable DALI	
		3 (2525 mm)	**67** (42+25w) 2525 mm		**93** (3000 K) CRI90	**3424** Confort Prisma	**LCS** Casambi	
					94 (4000 K) CRI90	**3425** Prismatic Tech	**TR** CCT with DT8	
					CCT (2700/5700 K) no versions 3426 / 3429	**3426** Low URG white		
						3429 Low URG black		
S043	**01**	**2**	**42**	**-**	**84**	**3424**	**DRD**	**-**
Example configuration **S04301242843424DRD**								

COMPLEMENTS

S1604	Power supply kit (1 pcs.) Susp. / UP&DOWN
S1602	Surface kit (3 pcs.) Surface
S1603	Suspension kit (3 pcs. 1,5 m.) Susp. / UP&DOWN
S1606	Connection kit (1 pc.)
S160501	Recessed cover kit (2 pcs.) white
S160502	Recessed cover kit (2 pcs.) black
S160101	Surface / suspension cover (2 pcs.) white
S160102	Surface / suspension cover (2 pcs.) black
S1607	Continuous opal diffuser 10 m.
S1608	Diffuser comfort prism 10 m.
S160901	Accessory wall support (2 pcs.) white
S160902	Wall support accessory (2 pcs.) black

COMPLEMENTS RECESSED

Suspended with threaded rod

S22301	Rod suspension EZCLICK white
S22302	Rod suspension EZCLICK black

Suspended with cable tensioner

S22001	Rod suspension EZCLICK white 5m
S22002	Rod suspension EZCLICK black 5m

Surface for low recessed ceilings

S22003	Surface mounting clamp
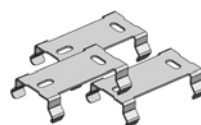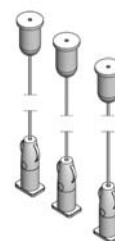
Ref. S1604 Ref. S1602 Ref. S1603 Ref. S1606
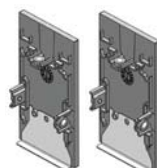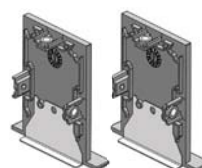
Ref. S1605 Ref. S1601

Ref. S1607
S1608

Recomendación

	S1602	S1603
1125	2 unds.	2 unds.
1685	3 unds.	3 unds.
2525	3 unds.	3 unds.
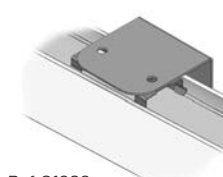
Ref. S1609

OPTICS
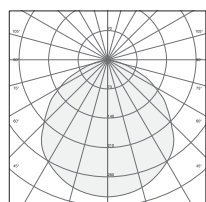
3428
Opal closure
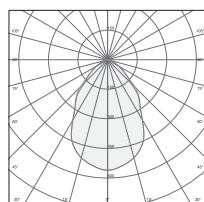
3424
Confort Prisma
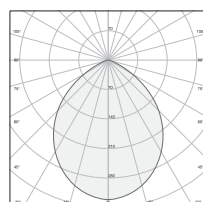
3425
Prismatic Tech
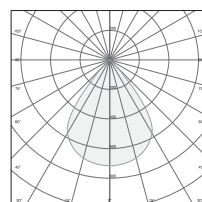
3426 / 3429
Low URG

DIMENSIONS

Profile surface / suspension / recessed / UP&DOWN

80

1125 / 1685 / 2525 45,4

45,4

80 Suspension surface profile UP&DOWN

45,4

80 Recessed profile

60

COLOURS

○ **WHITE** (O1)

● **BLACK** (O2)

*Profile and UP&DOWN colours.
*Other RAL colours on request.
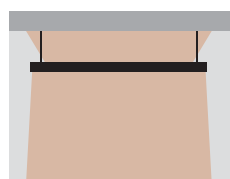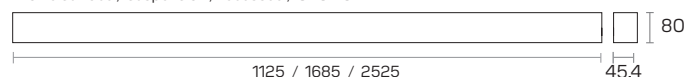
UP&DOWN
Indirect light

Example composition

1 x S160101 4 x S1602 1 x S1606

2 x S040011
2 x S0420111983

3428
(Opal closure)

3424
(Confort prisma)

3425
(Prismatic Tech)

3426
(Low URG) white

3429
(Low URG) black

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

3000K / CRI>80

W	Lm. LED	Lm. System 3428	Lm. System 3424	Lm. System 3425	Lm. System 3426	Lm. System 3429
19	2209	1905	2009	1802	1962	1679
28	3309	2854	3009	2699	2939	2515
42	4959	4277	4509	4044	4405	3769

4000K / CRI>80

W	Lm. LED	Lm. System 3428	Lm. System 3424	Lm. System 3425	Lm. System 3426	Lm. System 3429
19	2326	2006	2115	1897	2066	1768
28	3484	3005	3168	2841	3094	2648
42	5221	4502	4747	4258	4637	3968

3000K / CRI>90

W	Lm. LED	Lm. System 3428	Lm. System 3424	Lm. System 3425	Lm. System 3426	Lm. System 3429
19	2098	1809	1908	1711	1863	1595
28	3143	2711	2858	2564	2792	2389
42	4711	4063	4283	3841	4184	3580

4000K / CRI>90

W	Lm. LED	Lm. System 3428	Lm. System 3424	Lm. System 3425	Lm. System 3426	Lm. System 3429
19	2209	1905	2009	1802	1962	1679
28	3309	2854	3009	2699	2939	2515
42	4959	4277	4509	4044	4405	3769

BELEL

FLEXIBLE STRIP LIGHTING SYSTEM

This type of lighting is increasingly used for its high degree of decorative, lighting with a perfect adaptability thanks to its installation system and its flexibility of adaptation, ideal for those looking for an attractive and modern space.

One of its great advantages for installation is that it has a self-adhesive face that allows it to be adapted to any type of surface.

DECORATIVE LIGHTING

Indoor / outdoor lighting

3M self-adhesive LED strip

Flexibility and adaptability

FAMILY

BELEL	IP20	BELEL	IP20 / IP65	BELEL	IP20 / IP65	BELEL	IP20 / IP65
	10 w/m		20 w/m		14,5 w/m		15,4 w/m
	8 mm		10 mm		10 mm		12 mm
	2700K		2700K		CCT		RGBW
	3000K		3000K				
	4000K		4000K				
	5700K		5700K				

BELEL

MID POWER	24Vdc	-	10 w/m 20 w/m 14,5 w/m 15,4 w/m	DRIVER NOT INCLUDED	-	>80	20 65	2700K 3000K 4000K 5700K CCT RGBW	1 OPTIC	-	<0,95	0	CLASS III	50.000 H L80B10	-20º +35º	0,100 kg/m

REFERENCES / LED STRIP / IP20

REFERENCE	W/m	Nº LED/m	DC	Pcb	✂	Lm. /m	SDCM		Colour Temp.
S200810827	10	120	24V	8 mm	50 mm	910	<3	5 m	2700K
S20081083	10	120	24V	8 mm	50 mm	910	<3	5m	3000K
S20081084	10	102	24V	8 mm	50 mm	910	<3	5 m	4000K
S20081086	10	120	24V	8 mm	50 mm	910	<3	5 m	6500K
S200820827	20	240	24V	10 mm	25 mm	2020	<3	5 m	2700K
S20082083	20	240	24V	10 mm	25 mm	2020	<3	5m	3000K
S20082084	20	240	24V	10 mm	25 mm	2020	<3	5 m	4000K
S20082086	20	240	24V	10 mm	25 mm	2020	<3	5 m	6500K
S200814CCT	14,5	140	24V	10 mm	100 mm	1620	<3	5 m	2700K+6500K
S200814RGBW	15,4	60	24V	12mm	100 mm.	600	<3	5 m	RGB+3000K

*Tolerances: +-7% LED flux / +-10% luminaire wattage

REFERENCES / LED STRIP / IP65

REFERENCE	W/m	Nº LED/m	DC	Pcb	✂	Lm. /m	SDCM		Temp. Color
S200920827	20	240	24V	10 mm	25 mm	1820	<3	5 m	2700K
S20092083	20	240	24V	10 mm	25 mm	1820	<3	5m	3000K
S20092084	20	240	24V	10 mm	25 mm	1820	<3	5 m	4000K
S200914CCT	14,5	140	24V	10 mm	100 mm	1450	<3	5 m	2700K+6500K
S200914RGBW	15,4	60	24V	12 mm	100 mm	540	<3	5 m	RGB+3000K

*Tolerances: +-7% LED flux / +-10% luminaire wattage

REFERENCES / Power supplies / IP20

REFERENCE	Regul.	DC	A	W	PF	Flicker	Clase	Dimensions
SDRV0126	ON-OFF	24V	1250 mA	30	0,95	Free	II	153 x 41,5 x 32 mm
SDRV0127	ON-OFF	24V	2500 mA	60	0,95	Free	II	180 x 52 x 30 mm
SDRV0128	ON-OFF	24V	5000 mA	120	0,95	Free	II	300 X 40 X 30 mm
SDRV0129	ON-OFF	24V	7500 mA	180	0,95	Free	II	345 x 40 x 30 mm
SDRV0130	DALI	24V	3125 mA	75	0,90	Free	II	220 x 40 x 41,7 mm
SDRV0131	DALI 2	24V	6250 mA	150	0,90	Free	II	340 x40 x 30,5 mm

*Tolerances: +-7% LED flux / +-10% luminaire wattage

REFERENCES / Power supplies / IP67 / PWN

REFERENCE	Regul.	DC	A	W	PF	Flicker	Clase	Dimensions
SDRV0133	DALI 2	24V	2500 mA	60	0,95	Free	II	150 X 53 X 35 mm
SDRV0132	DALI 2	24V	5000 mA	120	0,95	Free	II	191 x 63 x 37,5 mm

*Tolerances: +-7% LED flux / +-10% luminaire wattage
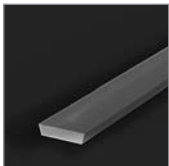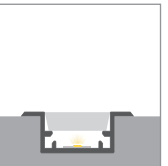
OPTICS

-
120º
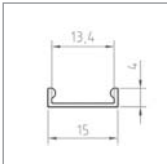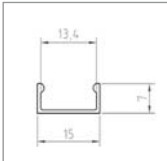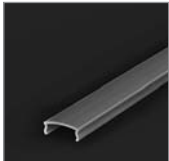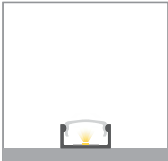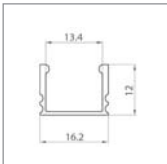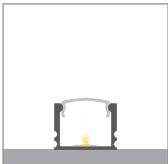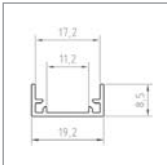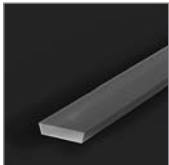
PROFILES / DIFFUSERS

Ref. S2178 Aluminium profile	2.000 x 15 x 4 mm.	Ref. S2184 Opal diffuser	Surface Installation	Ref. S2198 Profile cover	PROFILE FOR LED STRIP • 8 mm. • 10 mm. • 12 mm.

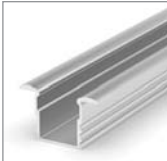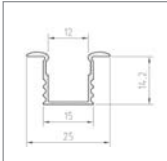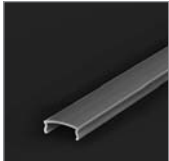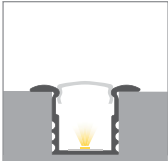| Ref. S2171 Aluminium profile	2.000 x 15 x 7 mm.	Ref. S2180 Opal diffuser	Ref. S2181 Transparent diffuser	Installation Surface	Ref. S2185 Mounting clip	Ref. S2188 Profile cover	PROFILE FOR LED STRIP • 8 mm. • 10 mm. • 12 mm.

Ref. S2170 Aluminium profile	2.000 x 16,2 x 12 mm.	Ref. S2180 Opal diffuser	Ref. S2181 Transparent diffuser	Installation Surface	Ref. S2186 Profile cover	PROFILE FOR LED STRIP • 8 mm. • 10 mm. • 12 mm.

Ref. S2177 Aluminium profile IP65 / Passable	2.000 x 19,2 x 8,5 mm.	Ref. S2182 Opal diffuser	Ref. S2183 Transparent diffuser	Recessed Installation	Ref. S2196 Profile cover	PROFILE FOR LED STRIP • 8 mm. • 10 mm.

*Necesita silicona para fijación.

Ref. S2176 Aluminium profile IP65 / Passable	2.000 x 29,2 x 8,5 mm.	Ref. S2182 Opal diffuser	Ref. S2183 Transparent diffuser	Recessed Installation	Ref. 2195 Profile cover	PROFILE FOR LED STRIP • 8 mm. • 10 mm. • 12 mm.

*Necesita silicona para fijación.
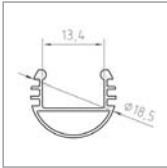
Ref. S2174 Aluminium profile	2.000 x 25 x 14,2 mm.	Ref. S2180 Opal diffuser	Ref. S2181 Transparent diffuser	Recessed Installation	Ref. 2187 Profile cover	PROFILE FOR LED STRIP • 8 mm. • 10 mm.

PROFILES / DIFFUSERS
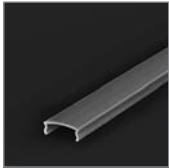
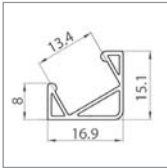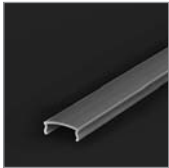| Ref. S2173 Aluminium profile	2.000 x Ø18,5	Ref. S2180 Opal diffuser	Ref. S2181 Transparent diffuser	Suspension Installation		Ref. S2191 Profile cover	PROFILE FOR LED STRIP

PROFILE FOR LED STRIP
- 8 mm.
- 10 mm.
- 12 mm.

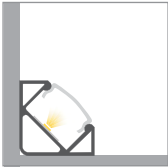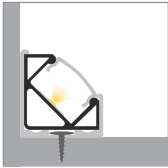| Ref. S2172 Aluminium profile	2.000 x 16,9 x 15,1 mm.	Ref. S2180 Opal diffuser	Ref. S2181 Transparent diffuser	Surface Installation	Ref. S2190 Mounting clip	Ref. S2189 Profile cover	PROFILE FOR LED STRIP
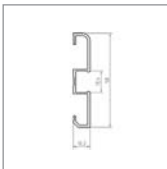
PROFILE FOR LED STRIP
- 8 mm.
- 10 mm.
- 12 mm.
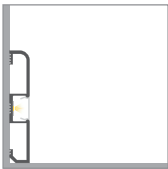
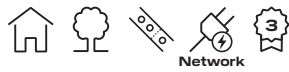| Ref. S2175 Aluminium profile	2.000 x 10,2 x 58 mm.	Ref. S2180 Opal diffuser	Ref. S2181 Transparent diffuser	Surface Installation		Ref. S2193 Profile cover	PROFILE FOR LED STRIP

PROFILE FOR LED STRIP
- 8 mm.
- 10 mm.
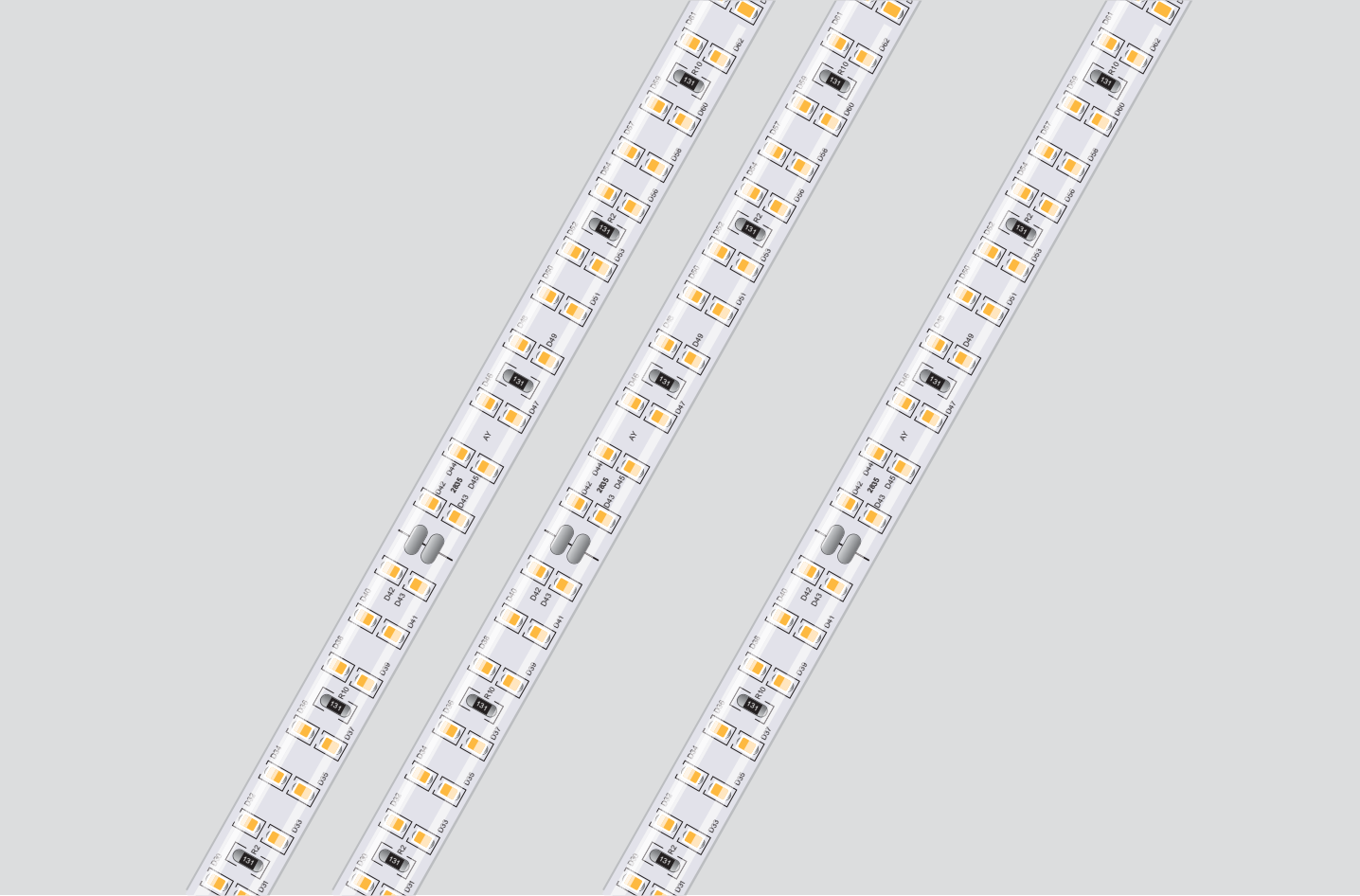- 12 mm.

BELEL

FLEXIBLE STRIP LIGHTING SYSTEM

Decorative lighting system in continuous line, connected directly to the 230V mains by means of a power supply.

It allows high heat dissipation and IP65 watertightness thanks to the transparent PVC cover.

LED strip roll with installation of up to 50 metres per power supply, without risk of voltage drops. No additional transformers, amplifiers or adapters required.

DECORATIVE LIGHTING

Indoor / outdoor lighting

Flexibility and adaptability

Flexible strip direct to the mains

BELEL	IP65
	10 w/m
	18 mm
	4000K

BELEL

| MID POWER | 220-240V | 50-60 HZ | 10 w/m | CONTROLLER NOT INCLUDED | - | >80 | 65 | 4000K | 1 OPTIC | - | <0,95 | 0 | CLASS II | 50.000 H L70B50 | -20º +35º | 0,300 kg/m |

REFERENCES

REFERENCE	W/m	Nº LED/m	DC	Pcb	✂	Lm./m	SDCM	🔊	Colour Temp.
S2006728450220B	10	180	230V	18 mm	1 m	800	<3	50 m	4000K

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

OPTICS

-
120º
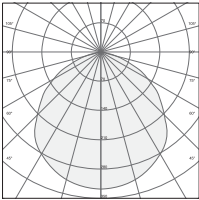
COMPLEMETS

SCX230B	Power supply for LED strip
S20220REG	Dimmer for LED Strip
S20220V	LED strip connector
S20220VL	LED Strip L-Union
S20220VT	LED Strip T-joint
S2022VTF	End cap
SOTR007	Fixing clips x10 pcs.

POWER SUPPLY   REGULATOR   JOINT   L JOINT   T JOINT   END COVER   CLIP FIXING

BOXTER

360º 180º

TRACK LIGHTING SYSTEM

Projector with an elegant and minimalist harmony, with installation on an electrified rail.

Made of die-cast aluminium, it articulates in an ideal and innovative way two pieces designed for a perfect orientation of the light.

FAMILY

BOXTER · M	80 x 177 mm
	5 / 9 W

BOXTER · L	120 x 220 mm
	13 / 26 / 31 W

BOXTER · M

| LED HIGH POWER | 220-240V | 50-60 HZ | W 5 9 | DRIVER INCLUDED | OPTIONAL | CRI >80 >95 | 20 | 3000K 4000K 5700K | 3 OPTICS | >20 | PF <0,95 | 0 | CLASS I | 50.000 H L80B10 | -15º +35º | KG 0,600 |
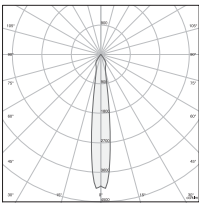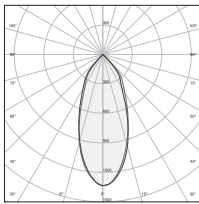
REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S5007	01 (White)	5 (5 W)	83 (3000 K) CRI80	-	- Without secondary optics 38º	- ON / OFF Standard	C54 Matt diffuser 54º
	02 (Black)	9 (9 W)	84 (4000 K) CRI80		12 12º		
			85 (5700 K) CRI80				
			93 (3000 K) CRI95				
			94 (4000 K) CRI95				
			95 (5700 K) CRI95				
S5007	01	9	84	-	12	-	-

Example configuration **S50070198412**
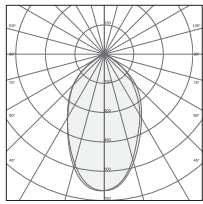
OPTICS

- 12	- 38º	54º

DIMENSIONS

80

80   57   177

COLOURS

○ **WHITE** (01)

● **BLACK** (02)

*Other RAL colours on request.

*Tolerances: +-7% LED flux / +-10% luminaire wattage

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

3000K / CRI>80

W	Lm. LED	Lm. System 38º	Lm. System 12
5	400	351	315
9	800	703	632

4000K / CRI>80

W	Lm. LED	Lm. System 38º	Lm. System 12
5	455	400	360
9	905	795	715

5700K / CRI>80

W	Lm. LED	Lm. System 38º	Lm. System 12
5	455	400	360
9	905	795	715

3000K / CRI>95

W	Lm. LED	Lm. System 38º	Lm. System 12
5	360	315	283
9	720	632	568

4000K / CRI>95

W	Lm. LED	Lm. System 38º	Lm. System 12
5	409	360	324
9	814	715	643

5700K / CRI>95

W	Lm. LED	Lm. System 38º	Lm. System 12
5	409	360	324
9	814	715	643

BOXTER · L

LED HIGH POWER	220-240V	50-60 HZ	**W** 13 26 31	DRIVER INCLUDED	OPTIONAL	**CRI** >80 >95	20	3000K 4000K 5000K	3 OPTICS	>20	**PF** <0,95	0	CLASS I	50.000 H L80B10	-15º +35º	1,700
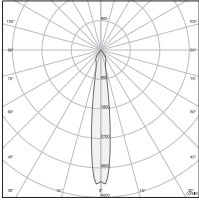
REFERENCE GENERATOR
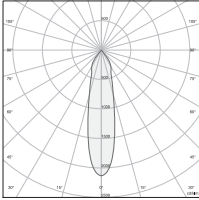
REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S5000	**01** (White)	**13** (13 W)	**83** (3000 K) CRI80	**-**	**-** Without secondary optics 54º	**-** ON / OFF Standard	**C55** Reflective closure Boxter
	02 (Black)	**26** (26 W)	**84** (4000 K) CRI80		**16** 16º	**DRDA** Dali adjustable driver and track adapter	
		31 (31 W)	**85** (5000 K) CRI80		**28** 28º		
			93 (3000 K) CRI95				
			94 (4000 K) CRI95				
			95 (5000 K) CRI95				
			R (LED red) **G** (LED green) **B** (LED blue)				
			LPF LEDs fish 4000K / CRI90				
			LPB LEDs bread 3000K / CRI90				
			LCM LEDs meat tono rosa				
			LVV LEDs vegetables/fruits 4000K / CRI90				
			817 LEDs wineries 1700K / CRI90				
S5000	01	26	84	-	16	DRDA	-

Example configuration **S500001268416DRDA**
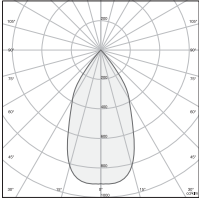
OPTICS

-
16º
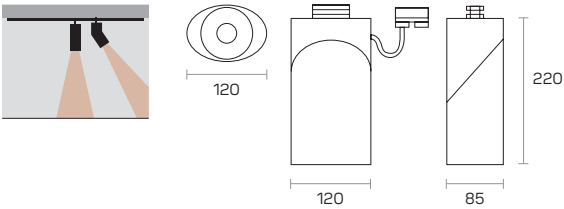
-
28º

-
54º

DIMENSIONS

120

120

85

220

COLOURS

WHITE (01)

BLACK (02)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

3000K / CRI>80

W	Lm. LED	Lm. System 54º	Lm. System 16	Lm. System 28
13	1470	1049	1049	1046
26	2940	2099	2099	2093
31	3920	2798	2799	2791

4000K / CRI>80

W	Lm. LED	Lm. System 54º	Lm. System 16	Lm. System 28
13	1522	1086	1086	1083
26	3045	2174	2174	2168
31	4060	2898	2898	2890

5700K / CRI>80

W	Lm. LED	Lm. System 54º	Lm. System 16	Lm. System 28
13	1575	1086	1124	1121
26	3150	2249	2249	2242
31	4200	2998	2999	2990

3000K / CRI>95

W	Lm. LED	Lm. System 54º	Lm. System 16	Lm. System 28
13	1323	944	944	941
26	2646	1889	1889	1883
31	3525	2518	2519	2511

4000K / CRI>95

W	Lm. LED	Lm. System 54º	Lm. System 16	Lm. System 28
13	1369	977	977	974
26	2740	1956	1956	1951
31	3654	2608	2609	2601

5700K / CRI>95

W	Lm. LED	Lm. System 54º	Lm. System 16	Lm. System 28
13	1417	977	1011	1008
26	2835	2024	2024	2017
31	3780	2698	2699	2691

TWIN

340° 90°

TRACK LIGHTING SYSTEM

Interior lighting system with a cylindrical, modern and balanced design, equipped with LED technology, ideal for use in commercial and architectural spaces.
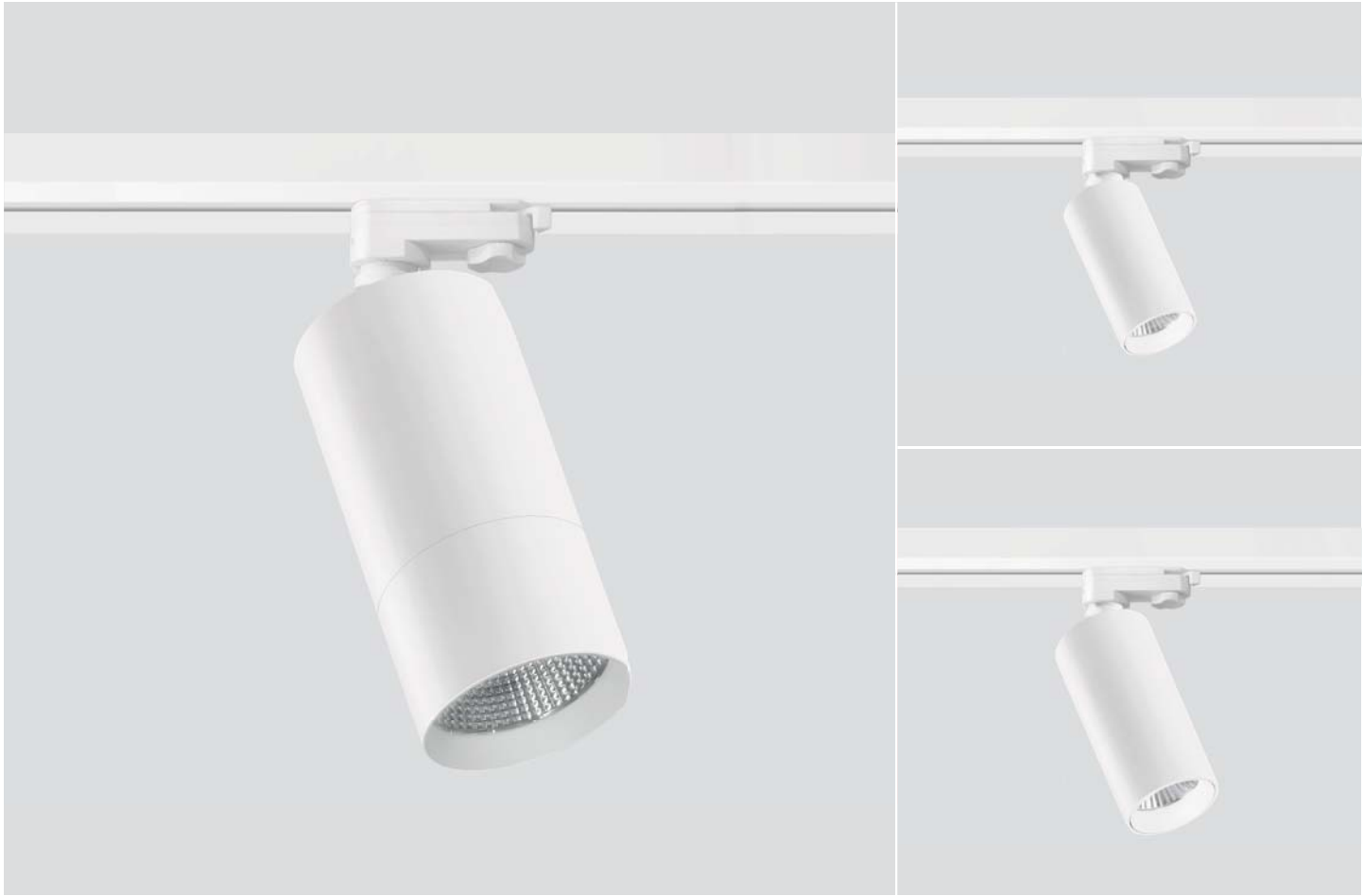
FAMILY

TWIN · M	50 Ø x 140 mm	**TWIN** · M	65 Ø x 195 mm	**TWIN** · L	86 Ø x 240 mm
	9 W		20 W		30 W

TWIN

COB	220-240V	50-60 HZ	9 20 30	DRIVER INCLUDED	-	>90	20	3000K 4000K	3 OPTICS	>20	<0,95	0	CLASS I	50.000 H L80B10	-20º +35º	S 0,400 M 0,700 L 0,900

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S650	**01** (White)	**9** (9 W) S	**93** (3000 K)	-	**-** Without secondary optics 38º	**-** ON / OFF Standard	**-**
	02 (Black)	**20** (20 W) M	**94** (4000 K)		**15** 15º	**DRD** Driver adjustable DALI	
		30 (30 W) L			**60** 60º		
S650	**01**	**20**	**94**	-	**15**	-	-

Example configuration **S65001209415**

OPTICS

15
15º

-
38º

60
60º

DIMENSIONS

140   Ø50

195   Ø65

240   Ø86

COLOURS

○ **WHITE** (01)

● **BLACK** (02)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

3000K / CRI>90

W	Lm. LED	Lm. System 15º	Lm. System 38º	Lm. System 60º
9	645	522	533	544
20	1450	1415	1444	1474
30	2468	2100	2141	2186

4000K / CRI>90

W	Lm. LED	Lm. System 15º	Lm. System 38º	Lm. System 60º
9	695	562	574	585
20	1510	1470	1503	1534
30	2590	2200	2247	2294

TRACK

	ELECTRIFIED TRACK		ELECTRIFIED TRACK		SURFACE TRACK COVER
Ref.	**S21001** Three-phase (white)	**S21101** Three-phase (white)	**S23201** Three-phase DALI (white)	**S23301** Three-phase DALI (white)	Ref. **S21901** (white)
	S21002 Three-phase (black)	**S21102** Three-phase (black)	**S23202** Three-phase DALI (black)	**S23302** Three-phase DALI (black)	**S21902** (black)
	Surface	Surface	Surface	Surface	
	35,2 x 35,5 x 1000 mm.	35,2 x 35,5 x 2000 mm.	35,2 x 35,5 x 1000 mm.	35,2 x 35,5 x 2000 mm.	

	ELECTRIFIED TRACK		ELECTRIFIED TRACK		RECESSED TRACK COVER
Ref.	**S27101** Three-phase (white)	**S27201** Three-phase (white)	**S23401** Three-phase DALI (white)	**S24401** Three-phase DALI (white)	Ref. **S25001** (White)
	S27102 Three-phase (black)	**S27202** Three-phase (black)	**S23402** Three-phase DALI (black)	**S24402** Three-phase DALI (black)	**S25002** (Black)
	Recessed	Recessed	Recessed	Recessed	
	56 x 35,5 x 1000 mm.	56 x 35,5 x 2000 mm.	56 x 35,5 x 1000 mm.	56 x 35,5 x 2000 mm.	

	LEFT FEEDER	RIGHT FEEDER	LEFT FEEDER	RIGHT FEEDER	RECESSED FEEDER COVER
Ref.	**S21301** Three-phase (white)	**S21401** Three-phase (white)	**S23501** Three-phase DALI (white)	**S23601** Three-phase DALI (white)	**S27001** (white)
	S21302 Three-phase (black)	**S21402** Three-phase (black)	**S23502** Three-phase DALI (black)	**S23602** Three-phase DALI (black)	**S27002** (black)
	139 x 35 mm.	139 x 35 mm.	139 x 35 mm.	139 x 35 mm.	

DALI

CONNECTOR / L LEFT	CONNECTOR / L LAW	CONNECTOR / L LEFT	CONNECTOR / L LAW	FLUSH-MOUNTED CONNECTOR COVER L
S26101 Three-phase (white)	**S26201** Three-phase (white)	**S26601** Three-phase DALI (white)	**S26701** Three-phase DALI (white)	**S27101L** (white)
S26102 Three-phase (black)	**S26202** Three-phase (black)	**S26602** Three-phase DALI (black)	**S26702** Three-phase DALI (black)	**S27102L** (black)
67,4 x 67,4 mm	67,4 x 67,4 mm	67,4 x 67,4 mm	67,4 x 67,4 mm	

Ref.

DALI

CONNECTOR / T LEFT	CONNECTOR / T LAW	CONNECTOR / T LEFT	CONNECTOR / T LAW	FLUSH-MOUNTED CONNECTOR COVER T
SS26301 Three-phase (white)	**S26401** Three-phase (white)	**S26801** Three-phase DALI (white)	**S26901** Three-phase DALI (white)	**S27101T** (white)
SS26302 Three-phase (black)	**S26402** Three-phase (black)	**S26802** Three-phase DALI (black)	**S26902** Three-phase DALI (black)	**S27102T** (black)
99,5 x 67,4 mm	99,5 x 67,4 mm	99,5 x 67,4 mm	99,5 x 67,4 mm	

Ref.

DALI

CONNECTOR / X	CONNECTOR / X	FLUSH-MOUNTED CONNECTOR COVER X
S26001 Three-phase (white)	**S26501** Three-phase DALI (white)	**S27101X** (white)
S26002 Three-phase (black)	**S26502** Three-phase (black)	**S27102X** (black)
99,6 x 99,6 mm	99,6 x 99,6 mm	

Ref.

DALI

INTERMEDIATE CONNECTOR ELECTRIFIED TRACK	INTERMEDIATE CONNECTOR ELECTRIFIED TRACK	INTERMEDIATE CONNECTOR COVER ELECTRIFIED RAIL	CABLE FOR TRACK SUSPENSION	ROD FOR RAIL SUSPENSION
S21601 Three-phase (white)	**S23701** Three-phase DALI (white)	**S27401** (white)	**22001** (white)	**22301** (white)
S21602 Three-phase (black)	**S23702** Three-phase DALI (black)	**S27402** (black)	**22002** (black)	**22302** (black)
68 x 20 mm.	68 x 20 mm.		5000 mm.	1000 mm.

Ref.

PANEL CUBIC

CE   RoHS 2011/65/UE   ♻

<17
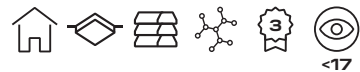
INTERIOR
LIGHTING
SYSTEM

High-performance, high-performance panel.

Designed to offer high visual comfort, avoiding glare problems.

VISUAL COMFORT

Light beam control

Low glare UGR<17
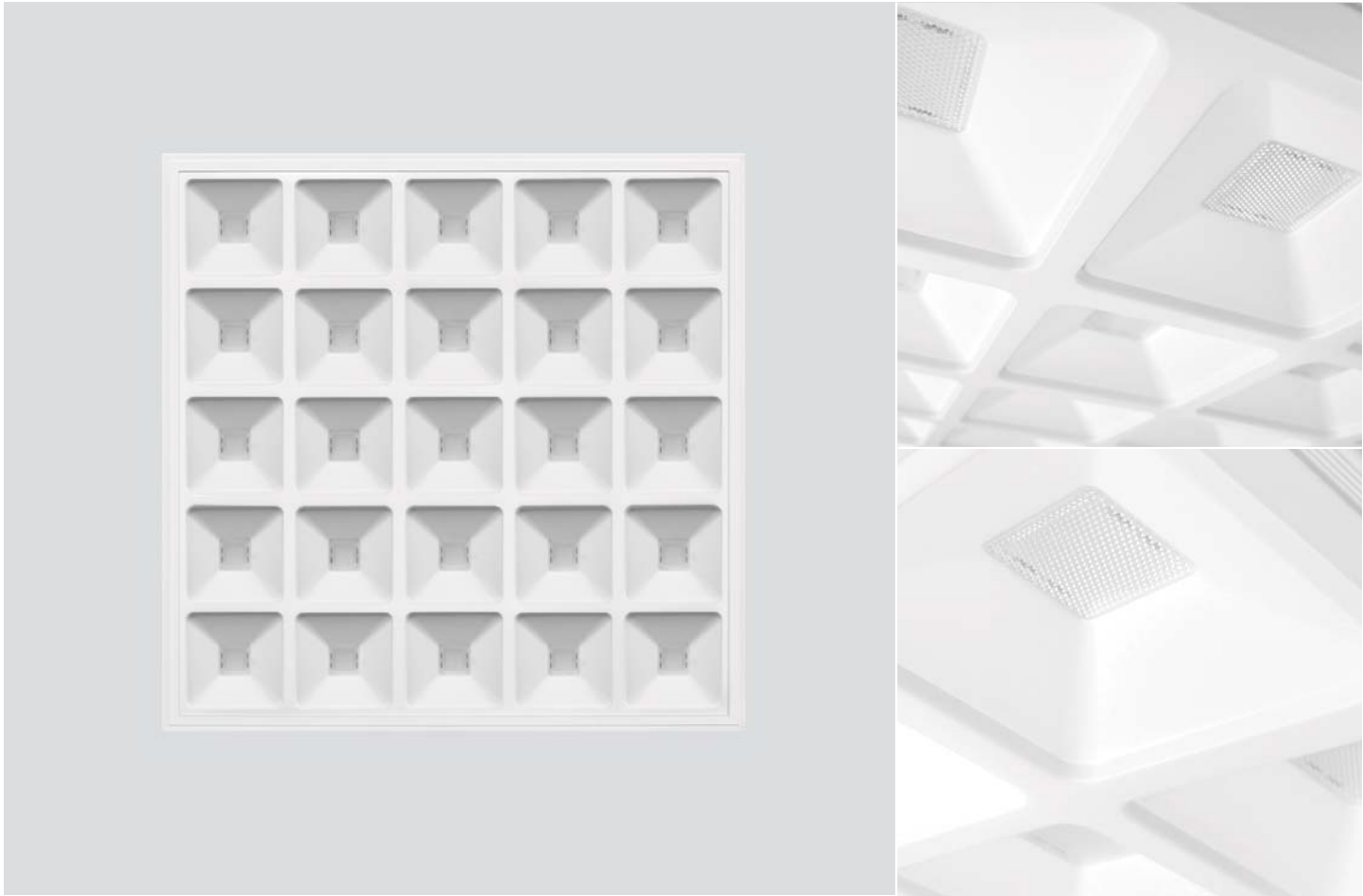
**PANEL
CUBIC**

595 x 595 mm

40 W

PANEL CUBIC

LED			W			CRI					PF				KG
MID POWER	220-240V	50-60 HZ	40	DRIVER INCLUDED	OPTIONAL	>80	44/20	4000K	1 OPTIC	<17	<0,95	0	CLASS II	50.000 H L70B50	-15º +35º	1,500

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S2200	01 (White)	36 (40 W)	84 (4000 K)	-	- Without secondary optics 91º	- ON / OFF Standard	-
						DRD Driver adjustable DALI 2.0	
S2200	01	36	84	-	-	DRD	-

Example configuration **S2200013684DRD**

COMPLEMENTS

SMZ02	Kit 4 clamps (multi-purpose)
SMZ01	Surface frame (assembled)
SMZ01SUPERFICIE	Surface mounted frame (unassembled)
SMZ01EMPOTRAR	Flush mount frame
SMZ07	Suspension kit (suspension + frame)
S1215	Safety cable
SOTR0303	Emergency kit 3 h. autonomy (Autotest) Class II
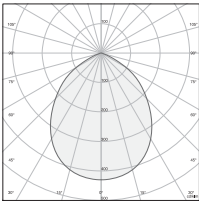
OPTICS

-
91º
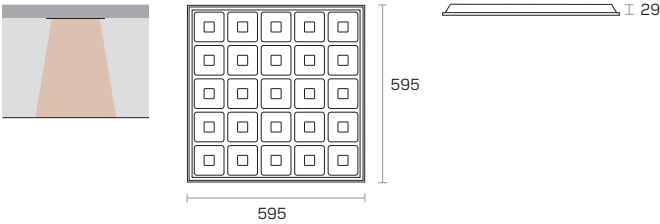
DIMENSIONS

29

595

595

COLOURS

WHITE (01)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

4000K / CRI>80

W	Lm. LED	Lm. System
36	4370	3800

ZELEK CCT

CE · RoHS 2011/65/UE · CB

INTERIOR LIGHTING SYSTEM

LED panel with white temperature control, tunable white system.

Convert your lighting to warm white, neutral white or cool white, with a single luminaire and easily configurable via a selector switch.

TUNABLE WHITE

Switch control temperatura

3000K / 4000K / 6000K

Flicker free

High efficiency LED
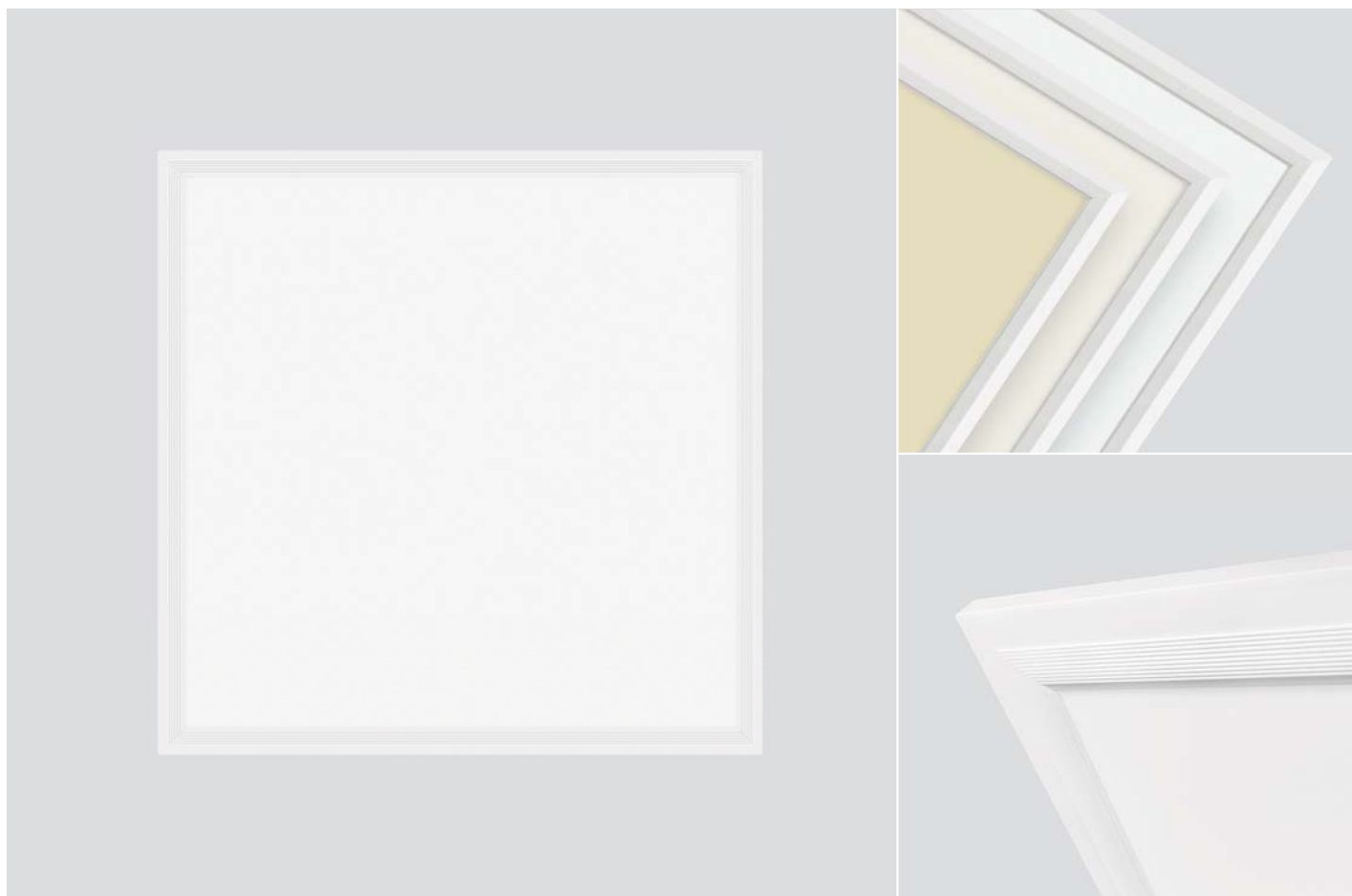
ZELEK CCT	595 x 595 mm
	38 W

ZELEK CCT

| LED MID POWER | 220-240V | 50-60 HZ | 38 (W) | DRIVER INCLUDED | Switch | CRI >80 | 20 | 3000K 4000K 6000K | 1 OPTIC | - | PF <0,96 | 0 | CLASS II | 50.000 H L70B50 | 0º +35º | KG 1,540 |

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S2200	01 (White)	40 (38 W)	CCT 3000K/4000K/6000K	-	- Without secondary optics 90º	- ON / OFF Standard	-
S2200	01	40	CCT				

Example configuration **S22000140CCT**

COMPLEMENTS

SMZ02	Kit 4 clamps (multi-purpose)
SMZ01	Surface frame (assembled)
SMZ01SUPERFICIE	Surface frame (unassembled)
SMZ01EMPOTRAR	Flush mount frame
SMZ07	Suspension kit (suspension + frame)
S1215	Safety cable

OPTICS
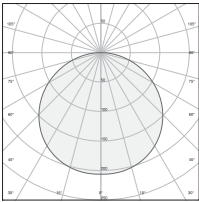
-
120º
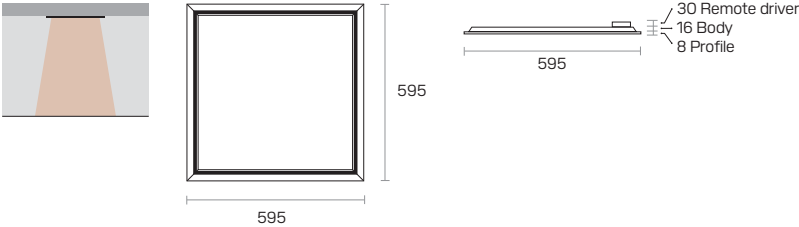
DIMENSIONS

30 Remote driver
16 Body
8 Profile

595
595
595
595

COLOURS

WHITE (01)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

CCT / CRI>80

W	Lm. LED	Lm. System
38	5260	3200

ESLIM

**INTERIOR
LIGHTING
SYSTEM**

Professional lighting system for modular
ceilings, with excellent efficiency and light
quality.

LED panel with high visual comfort, which
prevents eye fatigue thanks to its low glare
index.

MICROPRISMATIC DIFFUSER

Communication option DALI 2.0

Communication option Casambi

Flicker free

High efficiency LED
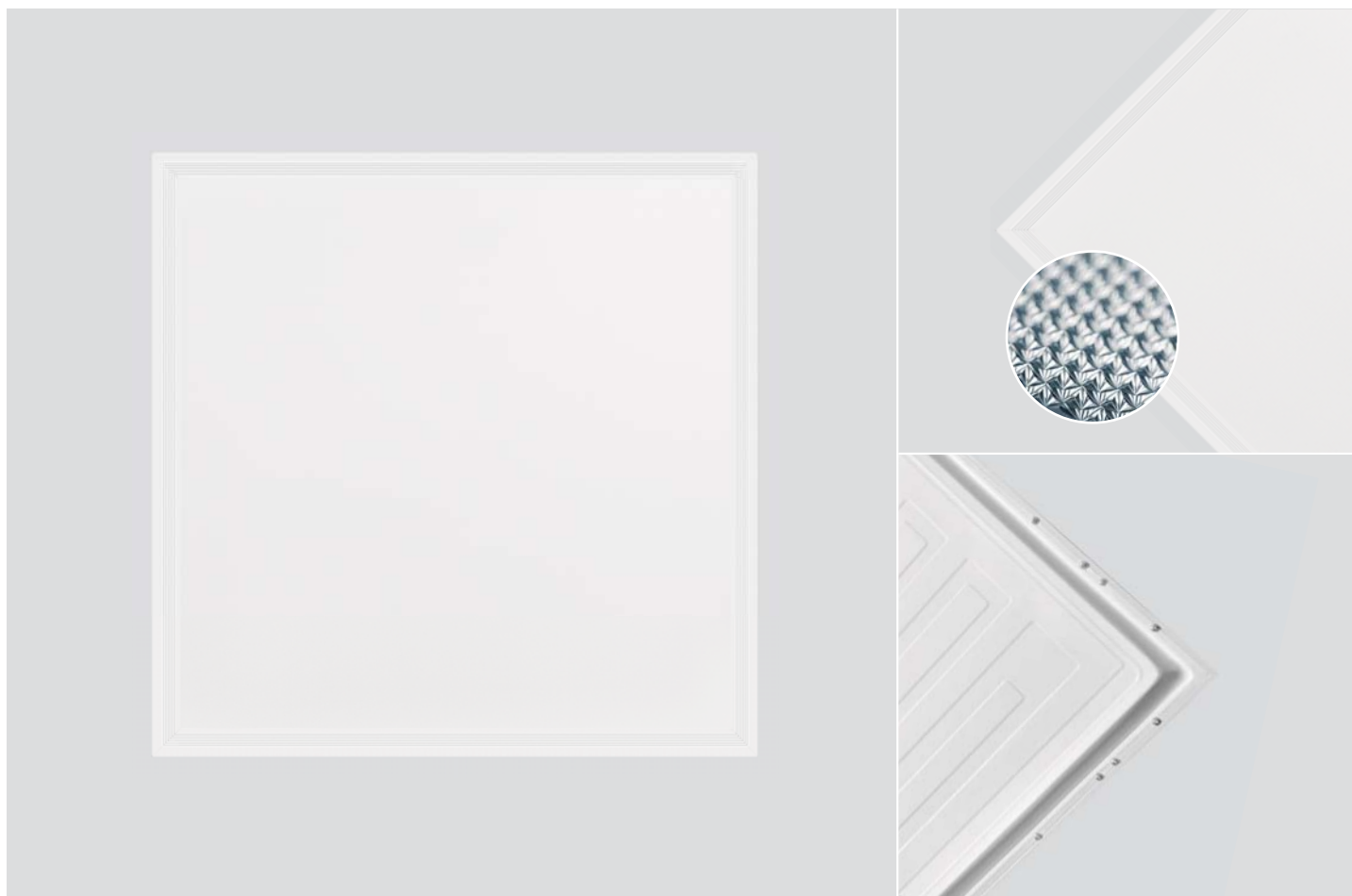
SYSTEM

ESLIM eonlight®
system

ESLIM **eon**light system

| LED MID POWER | 220-240V | 50-60 HZ | W 38 | DRIVER INCLUDED | OPTIONAL | CRI >80 | 20 | 4000K | 1 OPTIC | <19 | PF <0,98 | 0 | CLASS II | 50.000 H L80B10 | 0º +35º | KG 1,540 |

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	SYSTEM	COLOUR TEMP.	OPTICS	DRIVER	ACCESSORIES
S4270	**01** (White)	**40** (38 W)	**EON**	**84** (4000 K)	- 90º	- ON / OFF Standard	-
						DRD Driver adjustable-DALI	
						LCS Casambi	
S4270	**01**	**40**	**EON**	**84**	-	**DRD**	-
Example configuration **S42700140EON84DRD**							

COMPLEMENTS

SKE1	Emergency kit 1 h. autonomy (without self-test)		**SMZ01SUPERFICIE**	Surface frame (unmounted) only without adjustment
SKE3	Emergency kit 1 h. autonomy (Without Autotest)		**SMZ01EMPOTRAR**	Flush mount frame
SOTR0303	Emergency kit 3 h. autonomy (Self-test) Class II		**SMZ07**	Suspension kit (suspension + frame)
SMZ02	Kit 4 clamps (multi-purpose)		**S1215**	Safety cable
SMZ01	Surface frame (assembled)		**S1212B**	Leg for safety cable

OPTICS
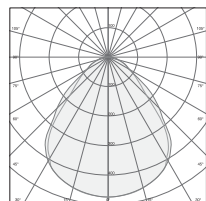
-
90º
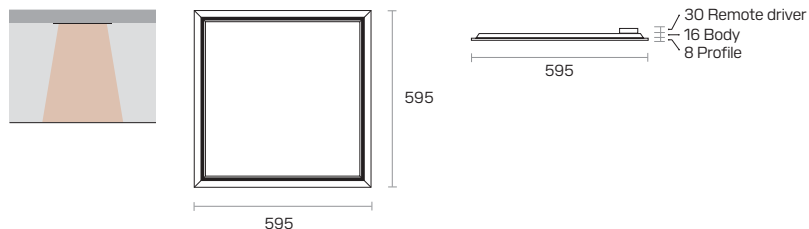
DIMENSIONS

30 Remote driver
16 Body
8 Profile
595
595
595

COLOURS

WHITE (01)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

CCT / CRI>80

W	Lm. LED	Lm. System
38	5260	4400

THESAN
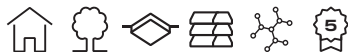
INTERIOR
LIGHTING
SYSTEM

Innovation and simplicity in a luminaire with a high light output, 20% more efficient than conventional panels.

High visual comfort, providing homogeneous and comfortable light.

HIGH PERFORMANCE PANEL

IP44/20

IP65

20% more performance

Complete technology

Low glare UGR<19
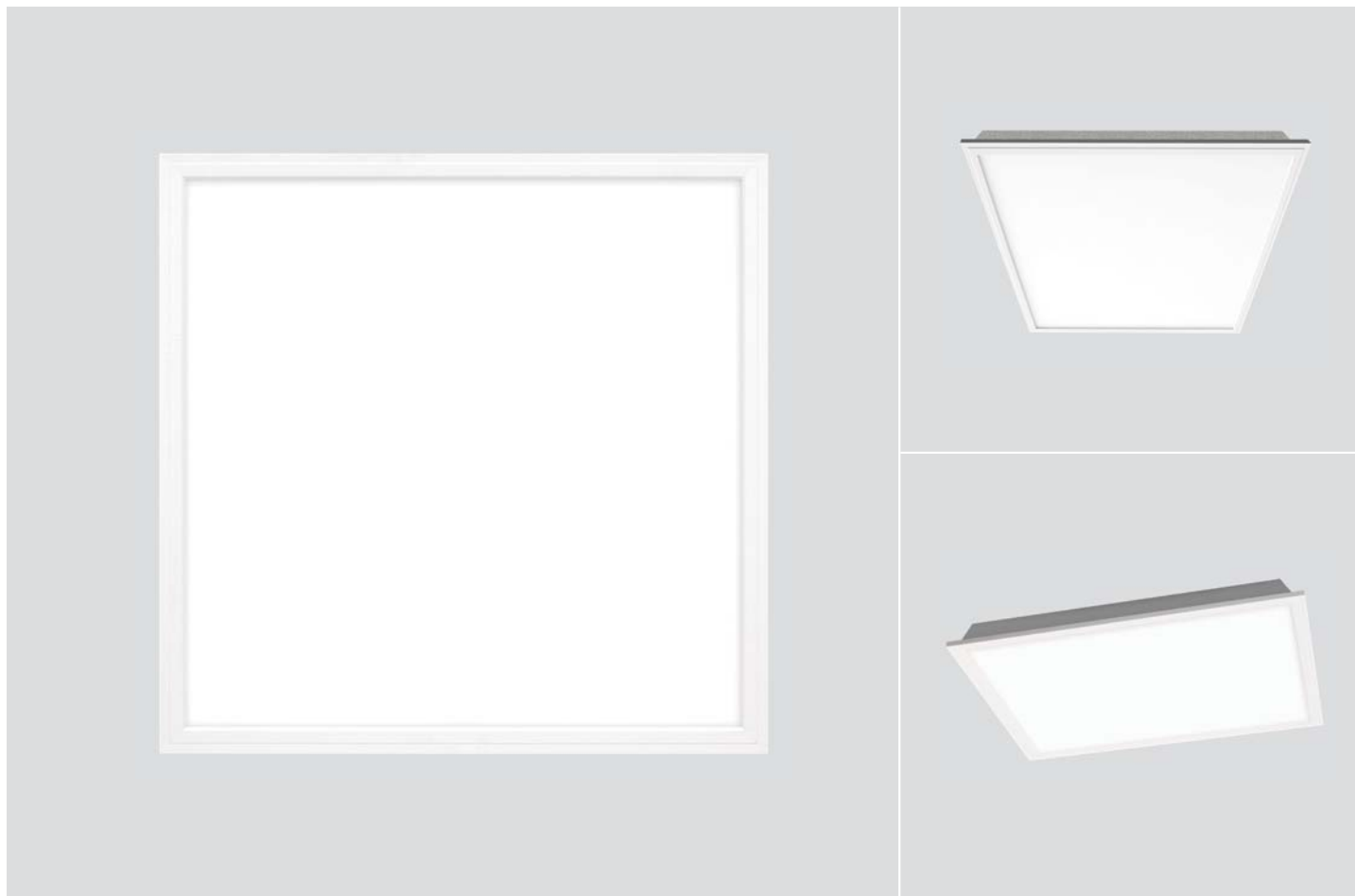
SYSTEM

THESAN eonlight ®
system

THESAN **eon**light system

LED MID POWER	220-240V	50-60 HZ	**W** 20 38 76 140	DRIVER INCLUDED	OPTIONAL	**CRI** >80 >90	44/20 65	3000K 4000K 5700K	1 OPTIC	<19 >20	**PF** <0,98	0	CLASS II	50.000 H L80B10	-20º +35º	1,600

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	SYSTEM	COLOUR TEMP.	OPTICS	DRIVER	ACCESSORIES
S4650B	**01** (White)	**20** (20 W)	**EON**	**83** (3000 K) CRI80	**-** Opal 120º	**-** ON / OFF Standard	**IP65** Grado de protección agua/polvo
		38 (38 W)		**84** (4000 K) CRI80	**UGR** (URG<19) 90º	**DRD** Driver adjustable DALI 2.0	**DM8** Detector movimiento integrado
		76 (76 W)		**85** (5700 K) CRI80		**TR** Regulation temp. colour Dali DT8 (CCT) (20/38w)	**CF** Integrated mini flow control (38W)
		140 (140 W)		**93** (3000 K) CRI90		**LCS** CASAMBI	
				94 (4000 K) CRI90			
				95 (5700 K) CRI90			
				CCT (3000 K / 6000K) CRI80 20w / 38w			
S4650B	01	38	-	94	-	DRD	IP65

Example configuration **S4650B013894DRDIP65**

COMPLEMENTS

SKE1	Emergency kit 1 h. autonomy
SKE3	Emergency kit 1 h. autonomy
SMZ01T	Surface frame (assembled)
SOTR0303	Emergency kit 3 h. autonomy (Self–test) Class II

*sensors: see external sensors diptych or sensors catalogue section.

OPTICS

- 120º

90 90º

IP20　　IP65

IP44　　IP65

## DIMENSIONS

595

595

60

595

COLOURS

WHITE (O1)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

3000K / CRI>80

W	Lm. LED	Lm. System
20	2350	2165
38	4700	4329
76	9400	8658
140	18330	16883

4000K / CRI>80

W	Lm. LED	Lm. System
20	2530	2331
38	5060	4661
76	10120	9322
140	19734	18178

5000K / CRI>80

W	Lm. LED	Lm. System
20	2530	2331
38	5060	4661
76	10120	9322
140	19734	18178

3000K / CRI>80

W	Lm. LED	Lm. System
20	2115	1948
38	4230	3896
76	8460	7792
140	16497	15195

4000K / CRI>80

W	Lm. LED	Lm. System
20	2277	2097
38	4554	4195
76	9108	8390
140	17761	16360

5000K / CRI>80

W	Lm. LED	Lm. System
20	2277	2097
38	4554	4195
76	9108	8390
140	17761	16360

3000K / CRI>80

4000K / CRI>80

5000K / CRI>80

W	Lm. LED	Lm. System
20	2350	2165
38	4700	4329

W	Lm. LED	Lm. System
20	2530	2331
38	5060	4661

W	Lm. LED	Lm. System
20	2530	2331
38	5060	4661

BAMA

WALL LIGHTING SYSTEM

Luminaire with a modern, minimalist design, wall-mounted.

Its design allows the light beam to be adjusted by means of tabs located at the top and bottom, easy adjustment without tools and without uninstalling the luminaire.

FAMILY

BAMA square	100 x 100 mm surface 3+3 W	**BAMA circular**	140 x 100 mm surface 3+3 W

BAMA

LED			W			CRI			ADAPTABLE		PF		CLASS	KG
COB	220-240V	50-60 HZ	3-3	DRIVER INCLUDED	-	>80	65	3000K	ADAPTABLE	-	<0,95	0	CLASS I	50.000 H L70B50	-15º +35º	0,500

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S655 (Square)	**01** (White)	**06** (3+3 W)	**83** (3000 K)	-	-	**-** ON / OFF Standard	**-**
S656 (Circular)	**02** (Black)						
S655	**02**	**06**	**83**	-	-	-	-
Example configuration **S655020683**							

OPTICS

-
Adjustable angle by means of tabs at
the top and bottom.

DIMENSIONS

100   100

100

140

100

COLOURS

○ **WHITE** (01)

● **BLACK** (02)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

3000K / CRI>80

W	Lm. LED	Lm. System
3+3	457	380

EVOQUE

**WALL
LIGHTING
SYSTEM**

Modern and minimalist design luminaire, wall
mounted.

Two-way lighting, LED positioned at the top
and bottom for decorative lighting.
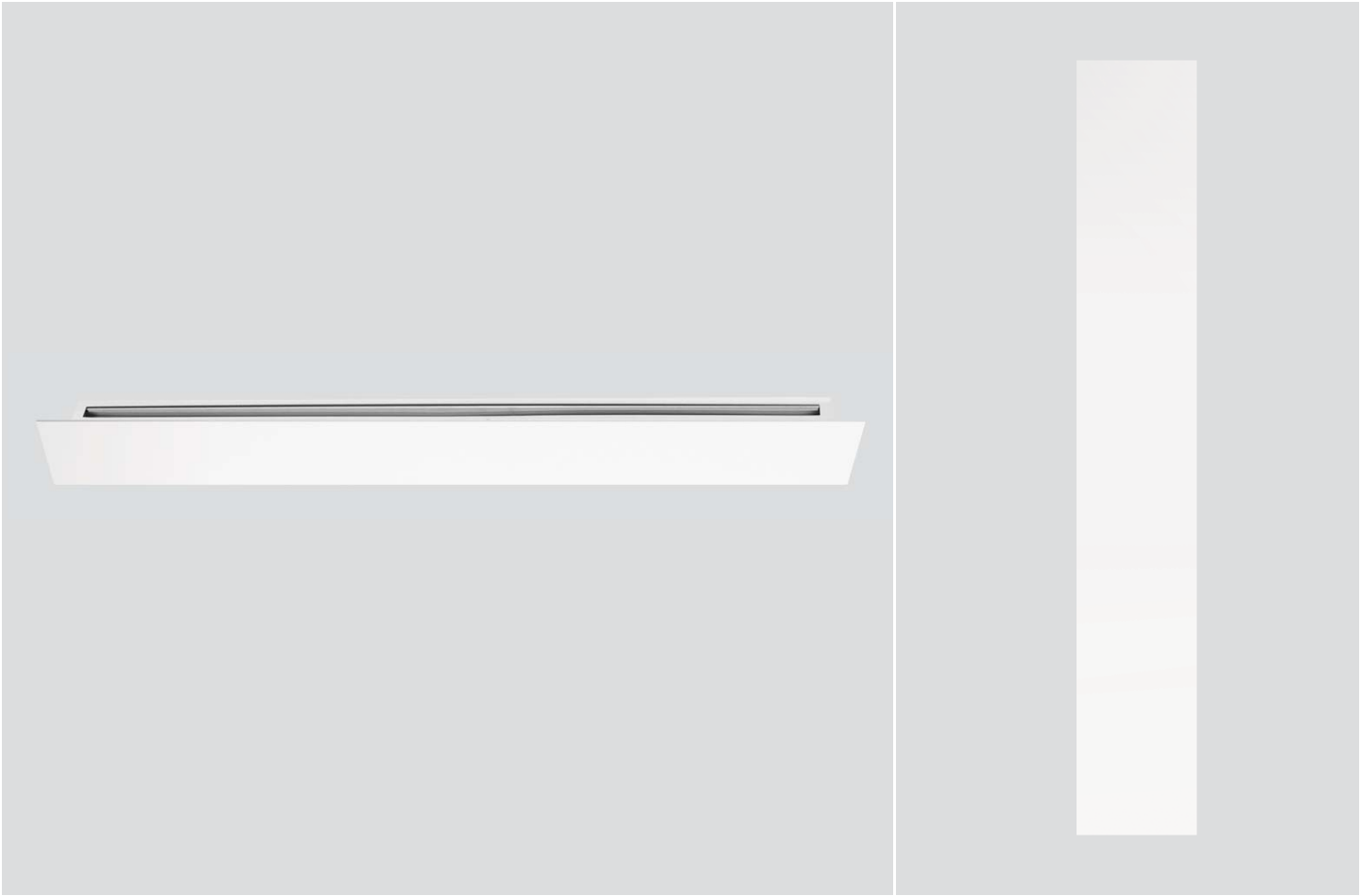
FAMILY

EVOQUE 300 mm.	80 x 300 mm	**EVOQUE 680 mm.**	80 x 680 mm
	surface		surface
	10 W		30 W

EVOQUE

LED			W			CRI					PF						
MID POWER	220-240V	50-60 HZ	10 30	DRIVER INCLUDED	OPTIONAL	>80	20	3000K 4000K 5000K	1 OPTIC	-	<0,95	0	CLASS I	50.000 H L80B10	-15° +35°	300 mm. 0,400

680 mm. 0,850

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S4311 (300 mm.)	**01** (White)	**10** (300 mm.)	**83** (3000 K)	-	- Without secondary optics 120°	- ON / OFF Standard	-
S4310 (680 mm.)	**02** (Black)	**30** (680 mm.)	**84** (4000 K)				
			85 (5700 K)				
S4311	**01**	**10**	**84**	-	-	-	-

Example configuration **S4311011084**

OPTICS

-
120°

DIMENSIONS
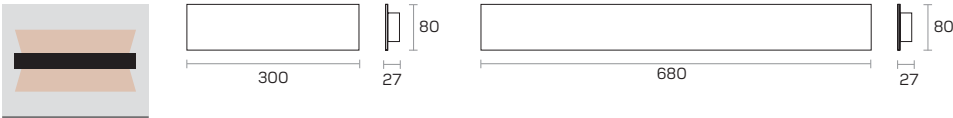
300
27
80

680
27
80

COLOURS

○ **WHITE** (01)

● **BLACK** (02)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

3000K / CRI>80

W	Lm. LED	Lm. System
10	1066	628
30	3200	1967

4000K / CRI>80

W	Lm. LED	Lm. System
10	1160	684
30	3480	2140

5000K / CRI>80

W	Lm. LED	Lm. System
10	1333	786
30	4000	2459
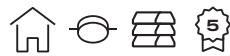
LOOP

SURFACE LIGHTING SYSTEM

Surface-mounted luminaire with a modern, minimalist design, which provides homogeneous illumination and avoids glare.

FAMILY

LOOP · S SURFACE	50 Ø x 101 mm	**LOOP · M SURFACE**	65 Ø x 144 mm
	8 W		11 W

LOOP

LED HIGH POWER	220-240V	50-60 HZ	8 11	DRIVER INCLUDED	OPTIONAL	>80	20	2700K 4000K 3000K	1 OPTIC	-	<0,95	0	CLASS II	50.000 H L80B10	-20º +35º	LOOP S 0,400 LOOP M 0,700

REFERENCE GENERATOR / SUPERFICIE

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S3706B (S)	01 (White)	08 (8 W) S	827 (2700 K)	-	- With secondary optics 38º	- ON / OFF Standard	-
S3707B (M)	02 (Black)	11 (11 W) M	83 (3000 K)				
			84 (4000 K)				
S3707B	01	11	84	-	-	-	-
Example configuration **S3707B011184**							

OPTICS
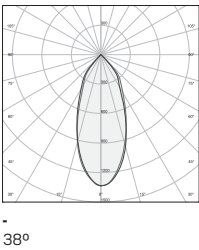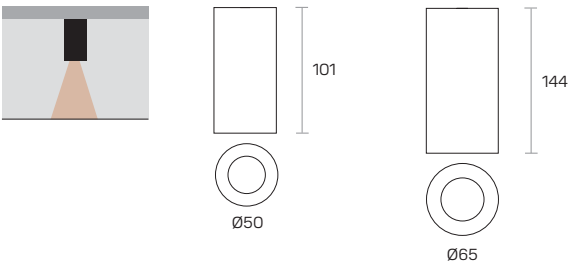
-
38º

DIMENSIONS

101
Ø50

144
Ø65

COLOURS

○ **WHITE** (O1)

● **BLACK** (O2)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

2700K / CRI>80

| W	Lm. LED	Lm. System
8	874	631
11	1240	902

3000K / CRI>80

W	Lm. LED	Lm. System
8	921	665
11	1306	950

4000K / CRI>80

W	Lm. LED	Lm. System
8	970	700
11	1375	1000

TWIN

340°   90°

**SURFACE
LIGHTING
SYSTEM**

Indoor lighting system with cylindrical surface
design, modern and balanced, equipped with
LED technology, ideal for use in commercial
and architectural spaces.

FAMILY

TWIN · S	50 Ø x 140 mm	**TWIN** · M	65 Ø x 195 mm
	9 W		21 W

TWIN

LED			W			CRI					PF				KG
COB	220-240V	50-60 HZ	9 20	DRIVER INCLUDED	-	>90	20	3000K 4000K	3 OPTICS	<20	<0,95	0	CLASS I	50.000 H L80B10	-15º +35º

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	TEMP. COLOR	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S651	01 (White)	9 (9 W) S	93 (3000 K)	-	- Without secondary optics 38º	- ON / OFF Standard	-
	02 (Black)	20 (21 W) M	94 (4000 K)		15 15º		
					60 60º		
S651	01	20	94	-	15	-	-

Example configuration **S65101209415**

OPTICS

15
15º

-
38º

60
60º

DIMENSIONS

195

140

Ø65

Ø50

COLOURS

WHITE (O1)

BLACK (O2)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

3000K / CRI>90

W	Lm. LED	Lm. System 15º	Lm. System 38º	Lm. System 60º
9	645	522	533	544
20	1450	1415	1444	1474

4000K / CRI>90

W	Lm. LED	Lm. System 15º	Lm. System 38º	Lm. System 60º
9	695	562	574	585
20	1510	1470	1503	1534

TWIN

LIGHTING
SYSTEM
SUSPENSION

Indoor lighting system with cylindrical suspension design, modern and balanced, equipped with LED technology, ideal for use in commercial and architectural spaces.

Suspension hose made of fibre, available in two colours.

FAMILY

TWIN·S	50 Ø x 100 mm	**TWIN**·M	65 Ø x 145 mm
	9 W		20 W

TWIN

| COB | 220-240V | 50-60 HZ | 9 20 | DRIVER INCLUDED | - | >90 | 20 | 3000K 4000K | 3 OPTICS | >20 | <0,95 | 0 | CLASE II | 50.000 H L80B10 | -15° +35° | S 0,400 M 0,700 |

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S652	01 (White)	9 (9 W) S	93 (3000 K)	-	- Without secondary optics 38°	- ON / OFF Standard	- White/black hose Standard
	02 (Black)	20 (21 W) M	94 (4000 K)		15 15°		2605858 Black hose
					60 60°		
S652	01	20	94	-	15	-	-

Example configuration **S65201209415**

OPTICS
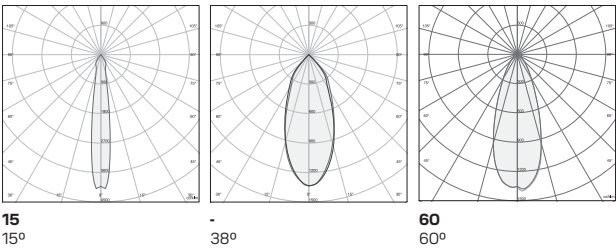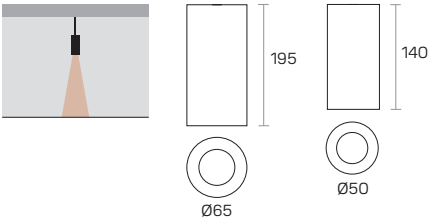
| 15 15° | - 38° | 60 60° |

DIMENSIONS


195   140

Ø65   Ø50

COLOURS

○ **WHITE** (01)

● **BLACK** (02)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

3000K / CRI>90

W	Lm. LED	Lm. System 15°	Lm. System 38°	Lm. System 60°
9	645	522	533	544
20	1450	1415	1444	1474

4000K / CRI>90

W	Lm. LED	Lm. System 15°	Lm. System 38°	Lm. System 60°
9	695	562	574	585
20	1510	1470	1503	1534

ALLUR

LIGHTING SYSTEM SUSPENSION

Indoor lighting system with modern pendant design, equipped with LED technology, ideal for use in commercial and architectural spaces.

Suspension hose made of fibre, available in two colours.

A BELL CAPABLE OF SURPRISING ANYONE WHO LOOKS AT IT

Choice of combination of finishes

Indirect light option, various colours

Special LEDs for power supply

TWIN·M	250 Ø x 175 mm
	20 / 32 W

ALLUR

LED			W			CRI					PF						KG
MID POWER	220-240V	50-60 HZ	22 33	DRIVER INCLUDED	OPTIONAL	>80 >95	20	3000K 4000K	1 OPTIC	>20	<0,95	0	CLASS I	50.000 H L80B10	-15 +35º	5,000

REFERENCE GENERATOR

REF. PRODUCT	COLOUR RING	COLOUR INDOOR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S870	01 (White)	01 (White)	20 (22 W)	83 (3000 K) CRI80	-	- Without secondary optics 95º	- ON / OFF Standard	- Black hose Standard
	02 (Black)	02 (Black)	32 (33 W)	84 (4000 K) CRI80			DR Driver regul. 1-10v	2605851 Black/white hose
	52 (Matt chrome)	52 (Matt chrome)		93 (3000 K) CRI95			DRD Driver regul. Dali	LI4W83 (4W) 3000K Indirect light
	33 (Gold)	33 (Gold)		94 (4000 K) CRI95				LI4W84 (4W) 4000K Indirect light
	75 (Copper)	75 (Copper)		LPF LEDs fish				LI4W85 (4W) 5000K Indirect light
				LPB LEDs bread				LI8W83 (8W) 3000K Indirect light
				LCM LEDs meat pink tone				LI8W84 (8W) 4000K Indirect light
				LVV LEDs vegetables / fruits				LI8W85 (8W) 5000K Indirect light
								LI4R (3,5W) Rojo Indirect light
								LI7R (7W) Rojo Indirect light
								LI5G (5W) Verde Indirect light
								LI10G (10W) Verde Indirect light
								LI5B (5W) Azul Indirect light
								LI10B (10W) Azul Indirect light
								- Standard susp. 1000 mm
								2 Suspension 2000 mm
								3 Suspension 3000 mm
S870	01	02	20	93	-	-	DRD	LI8W83

Example configuration **S87001022093DRDLI8W83**

OPTICS

-
120º

DIMENSIONS

INDIRECT LIGHT

175

250Ø

DIRECT LIGHT
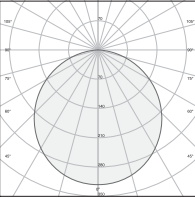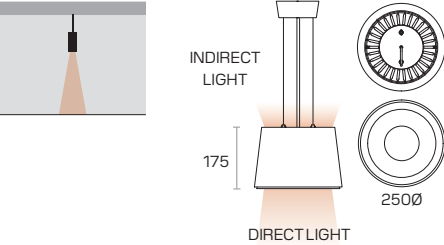
COLOURS outdoor

○ **WHITE** (01)

● **BLACK** (02)

● **MATTE CHROME** (52)

● **GOLD** (33)

● **COPPER** (75)

*Other RAL colours on request.

COLOURS indoor

○ **WHITE** (01)

● **BLACK** (02)

● **MATTE CHROME** (52)

● **GOLD** (33)

● **COPPER** (75)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

3000K / CRI>80

W	Lm. LED	Lm. System 15º
22	2500	1103
33	3750	1655

4000K / CRI>80

W	Lm. LED	Lm. System 15º
22	2700	1191
33	4050	1787

3000K / CRI>95

W	Lm. LED	Lm. System 15º
22	2375	1047
33	3562	1572

4000K / CRI>95

W	Lm. LED	Lm. System 15º
22	2565	1131
33	3847	1697

SUBITI

EMERGENCY LIGHTING SYSTEM

Our luminaires are available with permanent or non-permanent emergency light, with the options of Auto-Test, standard lens, evacuation route lens and anti-panic lens.

FAMILY

SUBITI IP20	253 x 59 mm	**SUBITI IP65**	258 x 64 mm	**SUBITI track**	253 x 39 mm	**SUBITI flag track**	330 x 59 mm
	surface		surface		track		track
	278 x 82 mm		3 / 5 / 6 / 7 W		5 / 6 / 7 W		
	recessed						
	3 / 5 / 6 / 7 W						

SUBITI

LED MID POWER	220-240V	50-60 HZ	W 3 5 6 7	DRIVER INCLUDED	-	CRI >80	44 65	4000K	1 OPTIC	-	PF <0,95	0	CLASS II	50.000 H L70B550	-20° +35°	KG 0,300

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	WATERPROOF	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S4602 (Non permanent)	**01** (White)	**60** (3 W)	**84** (4000 K)	**-** IP20	**-**	**-** Without secondary optics 120°	**-** ON / OFF Standard	**AT** Auto test
S4603 (Permanent)		**110** (3 W)		**IP65**				**4602ME** IP20 Recessed frame
		150 (5 W)						**4602MEIP65** IP65 Recessed frame
		200 (6 W)						
		300 (7 W)						
		400 (7 W)						
		500 (7 W)						
S4602	**01**	**200**	**84**	-	-	-	-	**AT**

Example configuration **S46020120084AT**

COMPLEMENTS
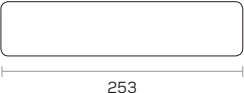
S4602ME	Recessed frame (IP20)
S4602MEIP65	Recessed frame (IP65)

OPTICS

-
120°

DIMENSIONS
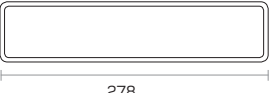
Surface IP20
253   39   59

Recessed IP20
278   44   82

Surface IP65
258   44   64

COLOURS

WHITE (01)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

4000K / CRI>80

W LED	Lm. LED	Lm. System
3	66	60
3	121	110
5	165	150
6	220	200
7	330	300
7	440	400
7	550	500

SUBITI three-phase track

LED	⚡	〰	W	🔌	-	CRI	🛡	👁	🔆	👁	PF	👁	☐	🕐	🌡	KG
MID POWER	220-240V	50-60 HZ	5 6 7	DRIVER INCLUDED	-	>80	44	4000K	1 OPTIC	-	<0,95	0	CLASS II	50.000 H L70B50	-20° +35°	0,400

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S4609	**01** (White)	**150** (5 W)	**84** (4000 K)	-	- Without secondary optics 120°	- ON / OFF Standard	-
		200 (6 W)					
		300 (7 W)					
		400 (7 W)					
		500 (7 W)					
S4609	01	200	84	-	-	-	-

Example configuration **S46090120084**

OPTICS

-
120°

DIMENSIONS

253

39

39
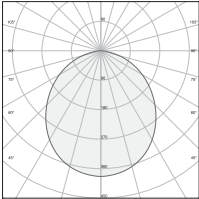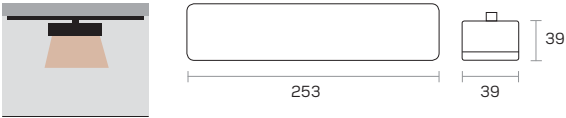
COLOURS

WHITE (01)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

4000K / CRI>80

W LED	Lm. LED	Lm. System
5	165	150
6	220	200
7	330	300
7	440	400
7	550	500

SUBITI three-phase flag track

LED			W			CRI					PF					KG
MID POWER	220-240V	50-60 HZ	-	DRIVER INCLUDED	-	>80	44	4000K	1 OPTIC	-	<0,95	0	CLASS II	50.000 H L70B50	-20º +35º	0,600

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	FLAG	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S4610	01 (White)	11 / 12 / 13 14 / 15 / 16 17 / 18 / 19	84 (4000 K)	-	-	- ON / OFF Standard	-
S4610	01	17	-	-	-	-	-

Example configuration **S46100117**

DIMENSIONS

330

180

59

COLOURS

WHITE (O1)

*Other RAL colours on request.

FLAG

11 EVACUATION ROUTE

12 EVACUATION

13 SIA

14 SIA FRONT EXIT

15 FRONT EXIT

ZONA REFUGIO

16 SIA REFUGE ZONE

SALIDA

17 EXIT

SALIDA DE EMERGENCIA

18 EMERGENCY EXIT

SIN SALIDA

19 WITHOUT EXIT

*Graphics in other languages on request.

Language   **1** **1**

1. / Spanish
2. / English
3. / French
4. / Italian
5. / Portuguese
6. / Arabic

Graphic

Example Ref. language

SALIDA   Ref. 17 / Spanish

EXIT   Ref. 27 / English

ALET

1 h

EMERGENCY LIGHTING SYSTEM

Our luminaires are available with non-permanent emergency light, with the options of Auto-Test, standard lens, evacuation route lens and anti-panic lens.

FAMILY

ALET standard	59 Ø mm	**ALET evacuation route**	59 Ø mm	**ALET panic exit**	59 Ø mm
	51 Ø mm		51 Ø mm		51 Ø mm
	3 W		3 W		3 W

ALET

| LED MID POWER | 220-240V | 50-60 HZ | W 3 | DRIVER INCLUDED | - | CRI >80 | 20 | 4000K | 3 OPTICS | - | PF <0,95 | 0 | CLASS II | 50.000 H L70B50 | -20º +35º | KG 0,175 |

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	LENS	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S4604	**01** (White)	**70** (3 W)	**84** (4000 K)	**-** Standard	**-**	**-** Without secondary optics 120º	**-** ON / OFF Standard	**AT** Auto test
		100 (3 W)		**R** Evacuation route				
		150 (3 W)		**A** Anti-panic				
		200 (3 W)						
		260 (3 W)						
S4604	**01**	**150**	**84**	**R**	**-**	**-**	**-**	**AT**

Example configuration **S46040115084RAT**

OPTICS
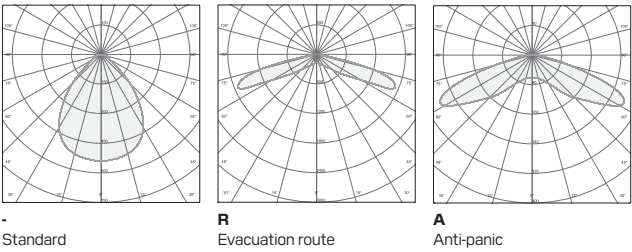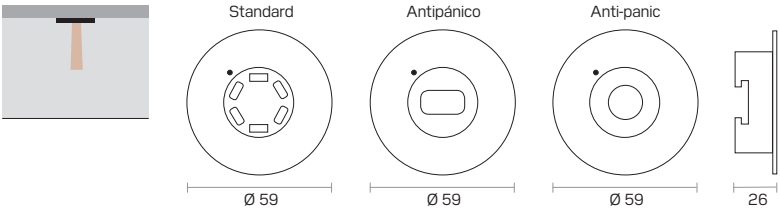
- Standard   **R** Evacuation route   **A** Anti-panic

DIMENSIONS

Standard   Antipánico   Anti-panic

Ø 59   Ø 59   Ø 59   26

COLOURS

WHITE (O1)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

4000K / CRI>80

W	Lm. LED	Lm. System
3	77	70
3	110	100
3	165	150
3	220	200
3	286	250

VERTEN

1h
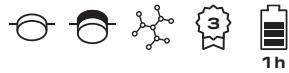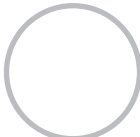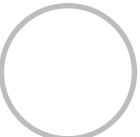
EMERGENCY LIGHTING SYSTEM

Our luminaires are available with non-permanent or permanent emergency light, with the options of Auto-Test, evacuation route lens and anti-panic lens.
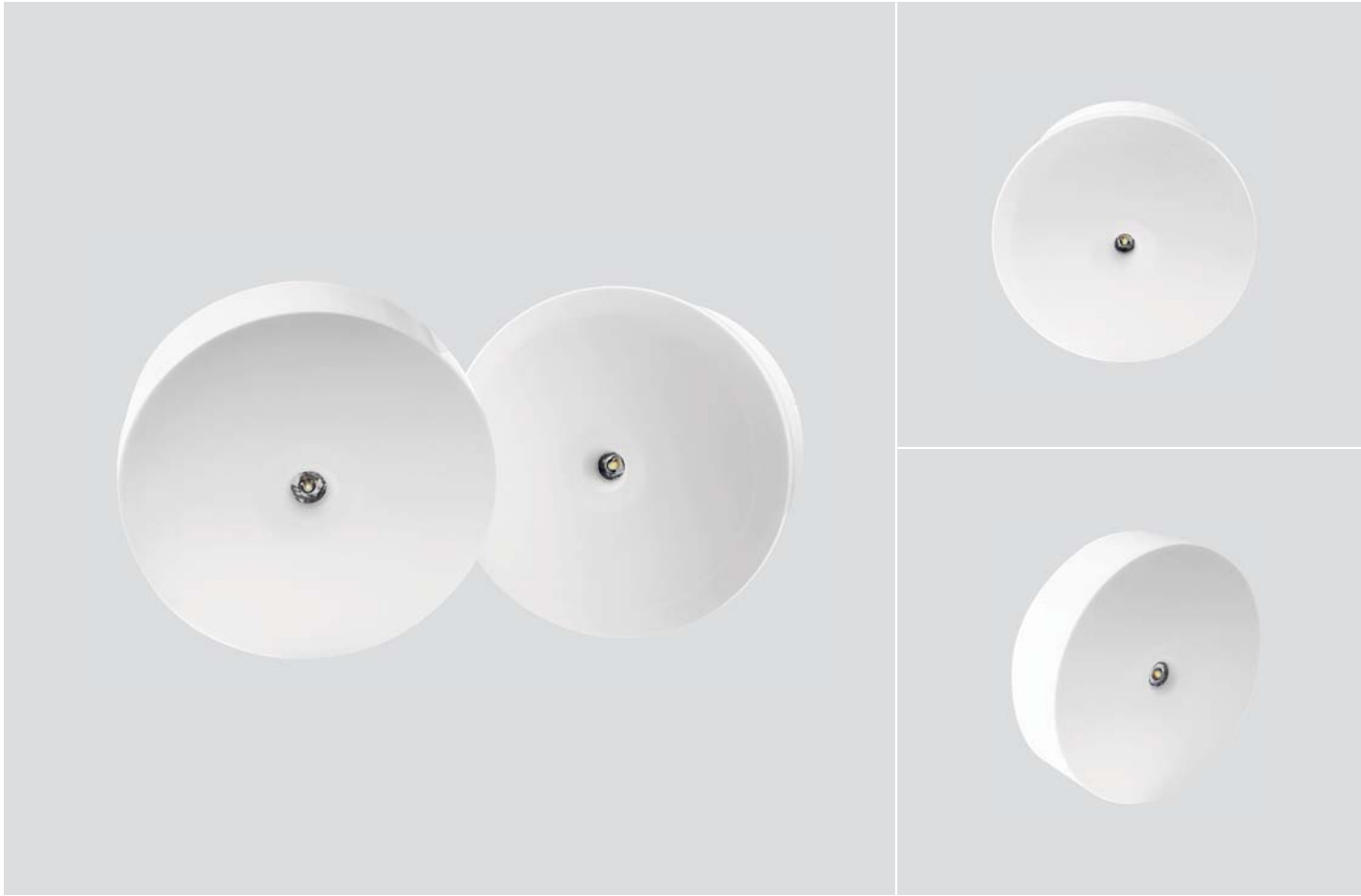
FAMILY

VERTEN	129 Ø mm	**VERTEN**	129 Ø mm
	116 Ø mm		surface
	recessed		3 W
	3 W		

VERTEN

| LED MID POWER | 220-240V | 50-60 HZ | W 3 4 | DRIVER INCLUDED | - | CRI >80 | 20 65 | 4000K | 2 OPTICS | - | PF <0,95 | 0 | CLASS II | 50.000 H L70B50 | -20º +35º | KG 0,220 |

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	LENS	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S4605 (Non permanent) Recessed	**01** (White)	**100** (3 W)	**84** (4000 K)	**R** Evacuation route	**-**	**-** Without secondary optics 120º	**-** ON / OFF Standard	**AT** Auto test
S4606 (Permanent) Recessed		**150** (3 W)		**A** Anti-panic				**IP65** Degree of protection
S4607 (Non permanent) Surface		**200** (3 W)						
S4608 (Permanent) Surface		**300** (3 W)						
		400 (4 W)						
S4605	**01**	**200**	**84**	**R**	**-**	**-**	**-**	**AT**

Example configuration **S46050120084RAT**

OPTICS
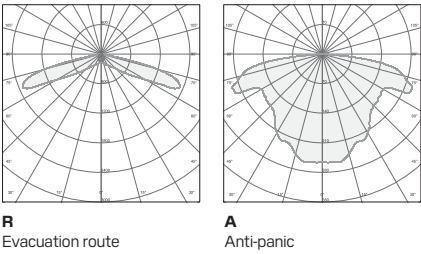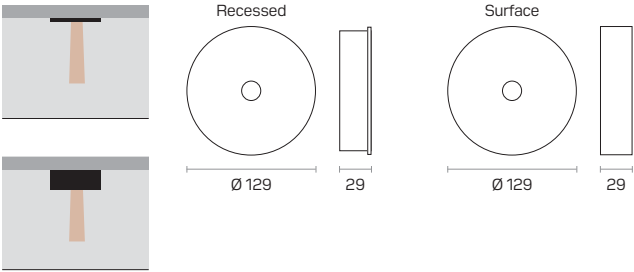
R
Evacuation route

A
Anti-panic

DIMENSIONS

Recessed   Surface

Ø 129   29   Ø 129   29

COLOURS

WHITE (O1)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

4000K / CRI>80

W	Lm. LED	Lm. System
3	110	100
3	165	150
3	220	200
3	330	300
4	440	400

ERGEN

EMERGENCY
LIGHTING
SYSTEM

High-quality and robust emergency luminaire,
surface or recessed installation.

FAMILY

| **ERGEN** | 195 x 106 mm
surface
1,25 / 2,5 / 3,75 / 5 W | **ERGEN** | 230 x 133 mm
223 x 118 mm
recessed
1,25 / 2,5/ 3,75 / 5 W |

ERGEN

LED MID POWER	220-240V	50-60 HZ	W 1,25 2,50 3,75 5	DRIVER INCLUDED	-	CRI >80	20 65	3000K 4000K 5000K	1 OPTIC	-	PF <0,95	0	CLASS II	50.000 H L70B50	-20º +35º	0,200 KG
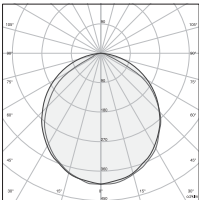
REFERENCE GENERATOR
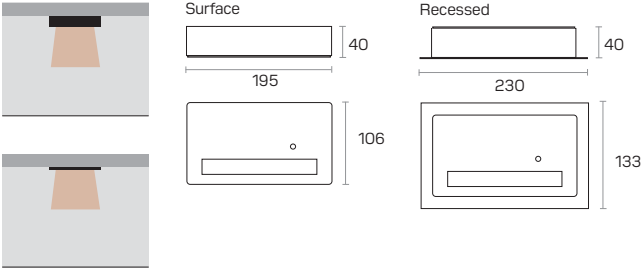
REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	DIFFUSER	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S4600 (Surface)	01 (White)	100 (1,25 W)	83 (3000 K)	- Transparent	-	- Without secondary optics 120º	- ON / OFF Standard	AT Auto test
S4601 (Recessed)	02 (Black)	200 (2,5 W)	84 (4000 K)					IP65 Degree of protection
		300 (3,75 W)	85 (5000 K)					M Matt diffuser
		400 (5 W)						
S4601	01	200	84	-	-	-	-	AT

Example configuration **S46010120084AT**

OPTICS

-
120º

DIMENSIONS

Surface
195
40

Recessed
230
40

106

133

COLOURS

○ **WHITE** (01)

● **BLACK** (02)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

3000K / CRI>80

W	Lm. LED	Lm. System
1,25	100	80
2,50	200	162
3,75	300	243
5	400	324

4000K / CRI>80

W	Lm. LED	Lm. System
1,25	100	85
2,50	200	171
3,75	300	256
5	400	342

5000K / CRI>80

W	Lm. LED	Lm. System
1,25	100	90
2,50	200	180
3,75	300	270
5	400	360

OUTDOOR

ECODUT

STREET LIGHTING SYSTEM

Outdoor street lighting system equipped with LEDs without light pollution to protect the quality of the night sky.

Easy to install without the need to open the luminaire and with hardly any maintenance due to its robustness, it includes individual protection for each of the LEDs. Elegant design optimised for temperature dissipation and dirt removal. Optional NTC temperature control.

MODERN AND COMPACT FLAT-CUT DESIGN

Highly resistant.

High dissipation, optimised design.

Compatible with intelligent management systems.

Variety of optics for good adaptability.

FAMILY

| ECODUT · M | 237,3 x 377 mm |
| | 30 / 50 / 70 W |

| ECODUT · L | 330 x 630 mm |
| | 70 / 100 / 150 200 W |

ECODUT

LED HIGH POWER	198-264V	50-60 HZ	**W** 25 50 70 100 150 200	OPTIONAL	CRI >70	66	08 10	1700K 3000K 4000K 5000K	5 OPTICS	<0,95	0	CLASS I CLASS II (on request)	100.000 H L80B10	-20º +35º	M 0,08 m2 L 0,18 m2	KG M 6,000 L 12,000

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S3380 (M)	**58** (Grey)	**25** (25 W) M	**71** (1700 K)	**-**	**-** Symmetric 120º	**-** ON / OFF Standard	**3390** Surge protector
S3370 (L)		**50** (50 W) M	**73** (3000 K)		**3405** Asymmetric street	**DR** Regulation 1 - 10 V	**IK10** Impact resistance
		70 (70W) M	**74** (4000 K)		**3407** Asymmetric 150º	**DRD** Driver adjustable DALI	**AM** Marine environment paint
		70 (70W) L	**75** (5000 K)		**3407-3408** Asymmetric 80º	**DRPR** Driver programmable	**TELEGESTÓN** *On request only model (L)
		100 (100W) L			**3408** Symmetric 80º	**DRPNTC** Driver program. y probe Tª NTC	
		150 (150W) L				**DRC** Head regulation	
		200 (200W) L				**DN** Double level regulation	
						4160 Driver lighting 12V (25w)	
S3380	58	50	73	-	3405	DRD	3390

Example configuration **S33805850733405DRD3390**

COMPLEMENTS

S6033	Adapter fitting from 60 to 33 mm
S6048	Adapter fitting from 60 to 48 mm
S6076	Adapter fitting from 60 to 76 mm
SBP5850	Wall arm 500 mm
SBP58100	Wall arm 1000 mm

OPTICS

-
Symmetric 120º

3405
Asymmetric street

3407
Asymmetric 150º

3407-3408
Asymmetric 80º

3408
Symmetric 80º

DIMENSIONS

Ecodut M — 237,3 / 377 / 110,3 / 90º / Ø60

Ecodut L — 330 / 630 / 150 / 90º / Ø60
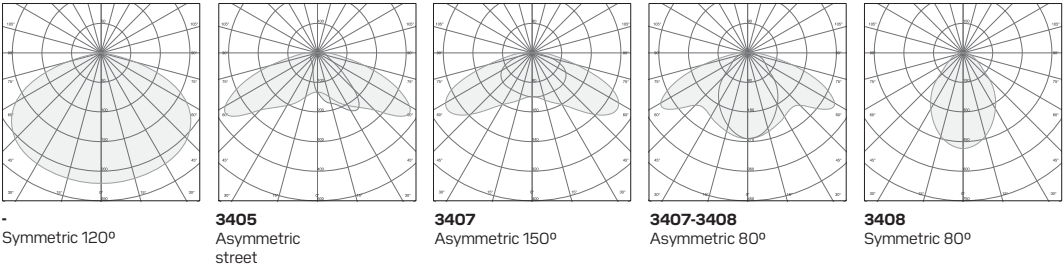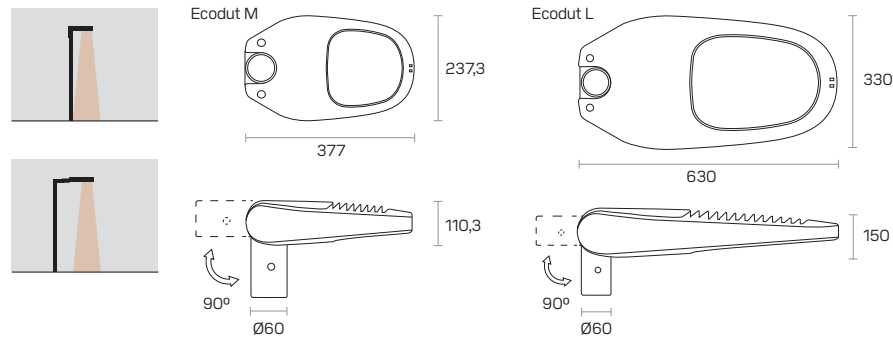
COLOURS

● **GREY** (58)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION / M

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

1700K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3405	Lm. System 3407	Lm. System 3407 3408	Lm. System 3408
25	2616	2223	2253	2202	2227	2249
50	4360	3706	3757	3671	3711	3749
70	7280	6160	6300	6160	6230	6230

3000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3405	Lm. System 3407	Lm. System 3407 3408	Lm. System 3408
25	3078	2616	2651	2591	2620	2646
50	5130	4360	4420	4319	4366	4411
70	8610	7280	7420	7210	7280	7350

4000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3405	Lm. System 3407	Lm. System 3407 3408	Lm. System 3408
25	3240	2754	2791	2728	2758	2786
50	5400	4590	4653	4547	4597	4644
70	9030	7700	7770	7630	7700	7770

5000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3405	Lm. System 3407	Lm. System 3407 3408	Lm. System 3408
25	2616	2223	2253	2202	2227	2249
50	4360	3706	3757	3671	3711	3749
70	7280	6160	6300	6160	6230	6230

SYSTEM FLUX DEPENDING ON OPTICAL VERSION / L

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

1700K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3405	Lm. System 3407	Lm. System 3407 3408	Lm. System 3408
70	7280	6160	6300	6160	6230	6230
100	8700	7400	7500	7300	7400	7400
150	13050	11100	11250	10950	11100	11100
200	17400	14800	15000	14600	14800	14800

3000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3405	Lm. System 3407	Lm. System 3407 3408	Lm. System 3408
70	8610	7280	7420	7210	7280	7350
100	10200	8700	8800	8600	8700	8800
150	15300	13050	13200	12900	13050	13200
200	20400	17400	17600	17200	17400	17600

4000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3405	Lm. System 3407	Lm. System 3407 3408	Lm. System 3408
70	9030	7700	7770	7630	7700	7770
100	10800	9100	9300	9000	9100	9200
150	16200	13650	13950	13500	13650	13800
200	21600	18200	18600	18000	18200	18400

5000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3405	Lm. System 3407	Lm. System 3407 3408	Lm. System 3408
70	9520	8050	8190	7980	8050	8190
100	11300	9600	9700	9500	9600	9700
150	16950	14400	14550	14250	14400	14550
200	22600	19200	19400	19000	19200	19400

MAGEC

5 ERA · to 10 EON · 15º · E1
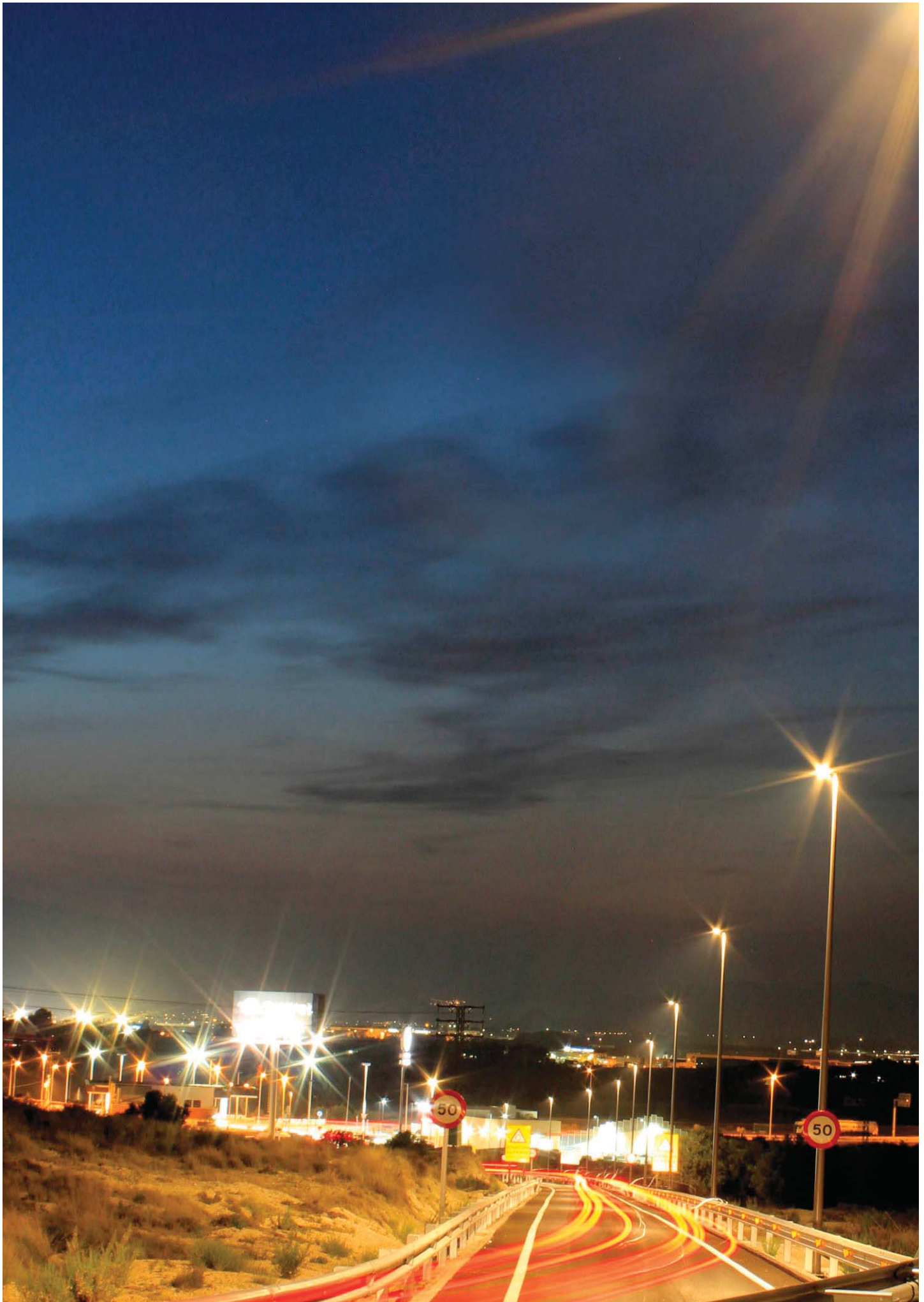
STREET LIGHTING SYSTEM

Luminaire developed with high-strength materials, capable of withstanding the most extreme conditions thanks to its manufacture with special techno-polymers of high strength and durability.

Luminaire with a minimalist design, with eonlight or eralight system technology, technology for optimum configuration according to the lighting project.

STEEL	INJECTED ALUMINIUM	SECOM POLYMERIC
After 3 years	After 10 years	After 20 years

10 YEARS WARRANTY

MADE OF SECOM POLYMER

Nylon - PA-Polyamide

High wear resistance

High thermal stability

Very good strength and hardness

Anti-condensation valve

10KV surge arrester as standard

Opening without tools

Easy installation

SYSTEMS

MAGEC **era**light® system | MAGEC **eon**light® system

MAGEC **era**light system

LED			W		CRI					PF							
MID POWER	220-240V	50-60 HZ	34 55 73	OPTIONAL	>70	65	10	1700K 3000K 4000K 5000K	3 OPTICS	<0,98	0	CLASS II CLASS I (on request)	50.000 H L80B10	-20º +35º	0,23 m2	6

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S3496	**58** (Grey)	**34** (34 W)	**71** (1700 K) max. 55 W	**ERA**	**3405** Extensive asymmetric	**-** ON / OFF Standard	**-**
		55 (55 W)	**73** (3000 K)		**3406** Extensive symmetric 160º	**DR** Regulation 1 - 10 V	
		73 (73W)	**74** (4000 K)		**3407** Asymmetric longitudinal	**DN** Control line regulation	
			75 (5000 K)				
S3496	**58**	**34**	**74**	**ERA**	**3405**	**DR**	**-**

Example configuration **S3496583474ERA3405DR**

COMPLEMENTS

S6033	Adapter fitting from 60 to 33 mm
S6048	Adapter fitting from 60 to 48 mm
S6076	Adapter fitting from 60 to 76 mm

OPTICS

3405
Extensive
asymmetric

3406
Extensive
symmetric

3407
Asymmetric
longitudinal

DIMENSIONS

VERTICAL

15º

262

60

320

620

HORIZONTAL

15º

130 60

320

745
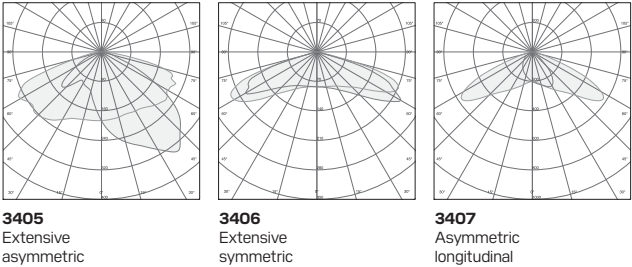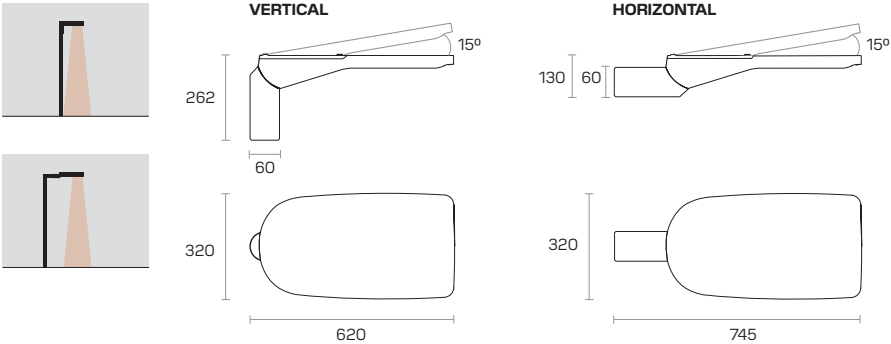
COLOURS

GREY (58)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

1700K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407
34	3856	3569	3499	3529
55	5821	5391	5282	5330
73	8667	7844	7688	7756

3000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407
34	4579	4238	4154	4192
55	6468	5990	5870	5923
73	10304	9315	9129	9212

4000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407
34	4821	4462	4373	4412
55	6868	6305	6178	6234
73	10847	9806	9610	9696

5000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407
34	5062	4685	4593	4633
55	7148	6619	6487	6545
73	11389	10296	10090	10181

MAGEC **eon**light system

| LED HIGH POWER | 220-240V | 50-60 HZ | W 34 55 73 | OPTIONAL | CRI >70 | 65 | 10 | 1700K 3000K 4000K 5000K | 6 OPTICS | PF <0,98 | 0 | CLASS II CLASS I (on request) | 100.000 H L80B10 | -20º +35º | 0,18 m2 | KG 6,000 |

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S3496	**58** (Grey)	**34** (34 W)	**71** (1700 K)	**EON**	**3405** Extensive asymmetric	**-** ON / OFF Standard	**3491** Surge protector 20KV
		55 (55 W)	**73** (3000 K)		**3406** Symmetric extensive 160º	**D4i** Driver prom. DALI	**ZHAGA** Telemanagement
		73 (73W)	**74** (4000 K)		**3407** Asymmetric longitudinal	**DRPR** Programmed regulation	**NEMA** Telemanagement
			75 (5000 K)		**3408** Intensive asymmetric	**DR** Regulation 1 - 10 V	***SENSORIC** On request Integrated in luminaire
					3409 Mean asymmetric	**DN** Control line regulation	
					3410 Front asymmetric	**DRC** Head regulation	
S3496	58	34	74	EON	3405	DRPR	3491

Example configuration **S3496583474EON3405DRPR3491**

COMPLEMENTS

S6033	Adapter fitting from 60 to 33 mm
S6048	Adapter fitting from 60 to 48 mm
S6076	Adapter fitting from 60 to 76 mm

OPTICS

3405 Extensive asymmetric

3406 Symmetric extensive

3407 Asymmetric longitudinal

3408 Intensive asymmetric

3409 Mean asymmetric

3410 Front asymmetric

DIMENSIONS

VERTICAL

15º

262

60

320

620

HORIZONTAL

15º

130 60

320

745

COLOURS

GREY (58)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

1700K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410
34	3916	3789	3741	3775	3813	3737	3480
55	5875	5375	5275	5323	5376	5269	5181
73	8812	7153	7034	7097	7168	7025	6907

3000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. Sys-	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410
34	4651	4209	4157	4195	4237	4152	4364
55	6976	5973	5862	5914	5974	5854	6153
73	10465	7948	7816	7886	7965	7805	8204

4000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410
34	4896	4431	4376	4415	4460	4370	4593
55	7344	6287	6170	6226	6288	6162	6477
73	11016	8366	8227	8301	8384	8216	8635

5000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410
34	5140	4653	4595	4636	4683	4589	4823
55	7711	6601	6479	6537	6602	6470	6800
73	11566	8784	8638	8716	8803	8627	9067

RIPA

STREET
LIGHTING
SYSTEM

Luminaire for urban environments, made from die-cast aluminium, with lateral fixing. Luminaire that provides maximum energy efficiency.

Luminaire easy to install, thanks to its tool-free opening system.

MODERN CUTTING LIGHTING

10KV surge arrester as standard

Breadth of optics

Class I or II according to project

Tool-free, fast technological upgrade luminaire
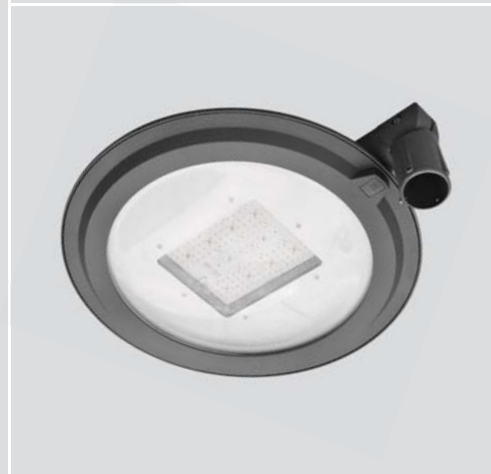
SYSTEMS

RIPA eralight® system   **RIPA eon**light® system

RIPA *era*light system

LED MID POWER	220-240V	50-60 HZ	W 25 35 50 75 90	OPTIONAL	CRI >70	65	08	1700K 3000K 4000K 5000K	3 OPTICS	PF <0,95	0	CLASS I CLASS II (on request)	50.000 H L80B10	-20º +35º	0,29 m2	15,500

REFERENCE GENERATOR
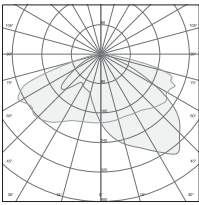
REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S3493	**58** (Grey)	**25** (25 W)	**71** (1700 K) max. 50 W	**ERA**	**3405** Extensive asymmetric	**-** ON / OFF Standard	**-**
		35 (35 W)	**73** (3000 K)		**3406** Symmetric extensive	**DR** Regulation 1 - 10 V	
		50 (50 W)	**74** (4000 K)		**3407** Asymmetric longitudinal	**DN** Double level regulation	
		75 (75 W)	**75** (5000 K)				
		90 (90 W)					
S3493	58	50	73	ERA	3405	DR	-

Example configuration **S3493585073ERA3405DR**

COMPLEMENTS

S6033	Adapter fitting from 60 to 33 mm
S6048	Adapter fitting from 60 to 48 mm
S6076	Adapter fitting from 60 to 76 mm
SBP5850	Wall arm 500 mm.
SBP58100	Wall arm 1000 mm.

OPTICS

3405
Extensive
asymmetric

3406
Symmetric
extensive

3407
Asymmetric
longitudinal

DIMENSIONS

180º
60Ø
220
600Ø

COLOURS

GREY (58)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

1700K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407
25	3283	2851	2855	2985
35	4543	3948	3952	4130
50	6045	5251	5257	5496

3000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407
25	3863	3355	3359	3512
35	5344	4645	4650	4859
50	7113	6178	6185	6467
75	9619	8355	8364	8745
90	11614	10088	10099	10559

4000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407
25	4066	3532	3536	3697
35	5626	4890	4895	5115
50	7488	6504	6511	6808
75	10126	8795	8805	9206
90	12226	10619	10631	11115

5000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407
25	4269	3708	3712	3881
35	5907	5134	5139	5370
50	7862	6829	6836	7148
75	10632	9234	9245	9666
90	12837	11149	11162	11670

RIPA eonlight system

LED			W		CRI					PF							
HIGH POWER	220-240V	50-60 HZ	25 35 50 75 90	OPCIONAL	>70	65	08	1700K 3000K 4000K 5000K	6 ÓPTICAS	<0,95	0	CLASE I CLASE II (bajo pedido)	100.000 H L80B10	-20º +35º	0,29 m2	15,500

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S3493	58 (Grey)	25 (25 W)	71 (1700 K)	EON	3405 Extensive asymmetric	- ON / OFF Standard	3391 Surge protector 20KV
		35 (35 W)	73 (3000 K)		3406 Symmetric extensive	DR Regulation 1 - 10 V	AM Marine environment paint
		50 (50 W)	74 (4000 K)		3407 Asymmetric longitudinal	DRD Driver adjustable DALI	ZHAGA Telemanagement (outdoor luminaire)
		75 (75 W)	75 (5000 K)		3408 Intensive asymmetric	DRPR Programmed regulation	NEMA Telemanagement (outdoor luminaire)
		90 (90 W)			3409 Mean asymmetric	DN Midnight	
					3410 Front asymmetric		
S3493	58	50	73	EON	3405	DRD	3391

Example configuration **S34934585073EON3405DRD3391**

COMPLEMENTS

S6033	Adapter fitting from 60 to 33 mm
S6048	Adapter fitting from 60 to 48 mm
S6076	Adapter fitting from 60 to 76 mm
SBP5850	Wall arm 500 mm.
SBP58100	Wall arm 1000 mm.

OPTICS

3405 Extensive asymmetric

3406 Symmetric extensive

3407 Asymmetric longitudinal

3408 Intensive asymmetric

3409 Mean asymmetric

3410 Front asymmetric

DIMENSIONS

180º

60Ø

220

600Ø

COLOURS

GREY (58)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

1700K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410
25	3312	2381	2277	2416	2480	2363	2515
35	4585	3298	3152	3345	3435	3273	3482
50	6101	4387	4194	4451	4570	4355	4633
75	8252	5934	5672	6020	6180	5889	6266
90	9963	7165	6850	7269	7462	7111	7565

3000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410
25	3897	2802	2679	2843	2918	2780	2959
35	5395	3880	3709	3936	4042	3851	4097
50	7179	5162	4935	5237	5377	5124	5451
75	9709	6982	6674	7083	7271	6929	7372
90	11723	8430	8059	8552	8779	8366	8901

4000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410
25	4102	2950	2820	2993	3072	2927	3115
35	5680	4085	3905	4144	4255	4054	4313
50	7557	5434	5195	5513	5660	5394	5738
75	10220	7350	7026	7456	7654	7294	7760
90	12340	8874	8484	9003	9242	8807	9370

5000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410
25	4318	3106	2969	3151	3234	3082	3279
35	5980	4301	4111	4363	4479	4268	4541
50	7956	5721	5469	5804	5958	5678	6041
75	10758	7737	7396	7849	8057	7678	8169
90	12991	9342	8931	9477	9729	9271	9864

NOOX

STREET LIGHTING SYSTEM

Autonomous luminaire using solar energy, ideal for public lighting where 100% sustainable energy is required or where there is no electrical installation.

Its operation is automatic, it switches on at dusk and switches off at dawn.

Easy to install in any column as all the components are integrated in the luminaire itself.

High-quality lithium-ion battery (lifepo4) that recharges during the day, even when not directly exposed to the sun's rays, through the highly efficient monocrystalline solar panel.

SOLAR LIGHTING

Battery included / 12 h battery life

Intelligent dual level controller

Charging 6-8 h

Automatic switch on

Monocrystalline solar panel

FAMILY

NOOX · M	360 x 790 mm	**NOOX** · L	360 x 1325 mm
	30 W		50 W

NOOX

LED MID POWER	198-264V	50-60 HZ	W 30 50	OPCIONAL	CRI >80	65	08	4000K	1 ÓPTICA	<0,95	0	CLASE II	40.000 H L80B10	−20º +35º	M 0,29 m2 L 0,48 m2	M 11,500 L 19,000

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S4121	**58** (Grey)	**30** (30 W) M	**84** (4000 K)	-	- Asymmetric	- ON / OFF Standard	-
		50 (50 W) L					
S4121	**58**	**50**	**84**	-	-	-	-
Example configuration **S4121585084**							

OPTICS
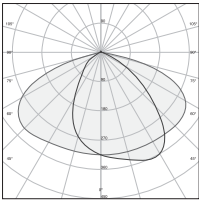
-
Asymmetric

HOURS OF OPERATION
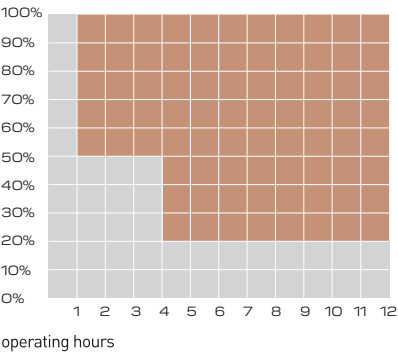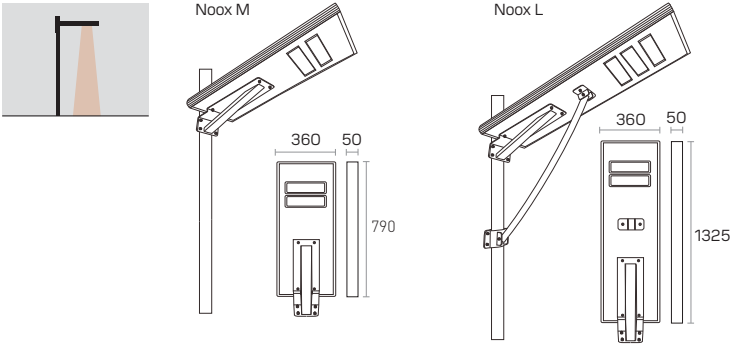
operating hours

DIMENSIONS

Noox M

360 50

790

Noox L

360 50

1325

COLOURS

GREY (58)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

4000K / CRI>80

W	Lm. LED	Lm. System
30	4540	4127
50	7000	6910

AURIS

URBAN
LIGHTING
SYSTEM

Urban luminaire with excellent uniformity, allowing it to be installed at low heights, avoiding trees and without generating intrusive light in adjacent buildings.

The low illuminance together with its low glare index provide perfect illumination.

AURIS	450 Ø mm
	30 / 40 / 60W
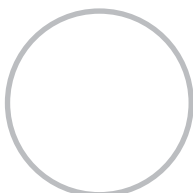
AURIS

LED			W		CRI					PF						KG
MID POWER	220-240V	50-60 HZ	30 40 60	OPTIONAL	>80	65	08	3000K 4000K 5700K	1 OPTICS	<0,90	0	CLASS I	50.000 H L70B50	-20° +35°	0,16 m2	11,000

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S4190 (Column)	**58** (Grey)	**30** (30 W)	**83** (3000 K)	**-**	**-** Without secondary optics 120°	**-** ON / OFF Standard	**3390** Surge protector 10KV
S4191 (Suspended)		**40** (40 W)	**84** (4000 K)			**DR** Regulation 1 - 10 V	**AM** Marine environment paint
		60 (60W)	**85** (5700 K)			**DRD** Driver prom. DALI	
						DRPR Programmed regulation	
						DN Control line regulation	
						DMR8 Movement regulation	
S4190	**58**	**40**	**84**	**-**	**-**	**DRD**	**AM**

Example configuration **S4190584084DRDAM**

COMPLEMENTS

S6033	Adapter fitting from 60 to 33 mm
S6048	Adapter fitting from 60 to 48 mm
S6076	Adapter fitting from 60 to 76 mm

OPTICS

-
120°

DIMENSIONS

109
Ø 450

109
Ø 450

COLOURS

GREY (58)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

3000K / CRI>80				4000K / CRI>80				5000K / CRI>80		
W	Lm. LED	Lm. System		W	Lm. LED	Lm. System		W	Lm. LED	Lm. System
30	2850	2158		**30**	3000	2272		**30**	3000	2272
40	3800	2878		**40**	4000	3030		**40**	4000	3030
60	5700	4317		**60**	6000	4545		**60**	6000	4545

3000K / CRI>80				4000K / CRI>80				5000K / CRI>80		
W	Lm. LED	Lm. System		W	Lm. LED	Lm. System		W	Lm. LED	Lm. System
30	2850	2158		**30**	3000	2272		**30**	3000	2272
40	3800	2878		**40**	4000	3030		**40**	4000	3030
60	5700	4317		**60**	6000	4545		**60**	6000	4545

RAY BEN

hasta

5 ERA   10 EON   E1

URBAN
LIGHTING
SYSTEM

Urban luminaire of modern design, with LED technology, intended for lighting parks, gardens or streets in the urban environment.

MODERN CUTTING LIGHTING

Surge arrester 10KV series

Optical range

Class I or II according to project

Luminaire with rapid technological upgrading

SYSTEMS

RAY BEN eralight ® system   RAY BEN eonlight ® system

RAY BEN *era*light system

LED			W		CRI				3 OPTICS	PF		CLASS I	50.000 H				KG
MID POWER	220-240V	50-60 HZ	25 35 50 75 90	OPTIONAL	>70	65	08	1700K 3000K 4000K 5000K	3 OPTICS	<0,95	0	CLASS I / CLASS II (on request)	50.000 H L80B10	-20º +35º	0,29 m2	17,000

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S3494	**58** (Grey)	**25** (25 W)	**71** (1700 K) max. 50w	**ERA**	**3405** Extensive asymmetric	**-** ON / OFF Standard	**AM** Marine environment paint
		35 (35 W)	**73** (3000 K)		**3406** Symmetric extensive 160º	**DR** Regulation 1 - 10 V	
		50 (50 W)	**74** (4000 K)		**3407** Asymmetric longitudinal	**DN** Midnight	
		75 (75 W)	**75** (5000 K)				
		90 (90 W)					
S3494	**58**	**50**	**73**	**ERA**	**3405**	**DR**	**-**

Example configuration **S3494585073ERA3405DR**

COMPLEMENTS

S6033	Adapter fitting from 60 to 33 mm
S6048	Adapter fitting from 60 to 48 mm
S6076	Adapter fitting from 60 to 76 mm

OPTICS

3405
Extensive asymmetric

3406
Symmetric extensive 160º

3407
Asymmetric longitudinal

DIMENSIONS

820

60Ø

600Ø

COLOURS

GREY (58)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

1700K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407
25	3283	2851	2855	2985
35	4543	3948	3952	4130
50	6045	5251	5257	5496

3000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407
25	3863	3355	3359	3512
35	5344	4645	4650	4859
50	7113	6178	6185	6467
75	9619	8355	8364	8745
90	11614	10088	10099	10559

4000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407
25	4066	3532	3536	3697
35	5626	4890	4895	5115
50	7488	6504	6511	6808
75	10126	8795	8805	9206
90	12226	10619	10631	11115

5000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407
25	4269	3708	3712	3881
35	5907	5134	5139	5370
50	7862	6829	6836	7148
75	10632	9234	9245	9666
90	12837	11149	11162	11670

RAY BEN eonlight system

LED	⚡	〰	W	♂	CRI	🛡	❄	👁	🔆	PF	👁	⏚	⏱	🌡	⚊	KG
HIGH POWER	220-240V	50-60 HZ	25 35 50 75 90	OPTIONAL	>70	65	08	1700K 3000K 4000K 5000K	6 OPTICS	<0,95	0	CLASS I CLASS II (on request)	100.000 H L80B10	-20° +35°	0,29 m2	17,000

REFERENCE GENERATOR
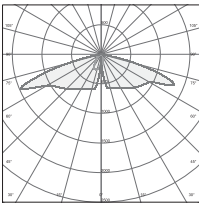
REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S3494	58 (Grey)	25 (25 W)	71 (1700 K)	EON	3405 Extensive asymmetric	- ON / OFF Standard	3391 Surge protector 20KV
		35 (35 W)	73 (3000 K)		3406 Symmetric extensive 160°	DR Regulation 1 - 10 V	AM Marine environment paint
		50 (50 W)	74 (4000 K)		3407 Asymmetric longitudinal	DRD Driver prom. DALI	Ref. Telemanagement
		75 (75 W)	75 (5000 K)		3408 Intensive asymmetric	DRPR Programmed regulation	ZHAGA Telemanagement (external luminaire)
		90 (90 W)			3409 Mean asymmetric	DN Midnight	NEMA Telemanagement (external luminaire)
					3410 Front asymmetric		
S3494	58	50	73	EON	3405	DRD	3391

Example configuration **S3494585073EON3405DRD3391**
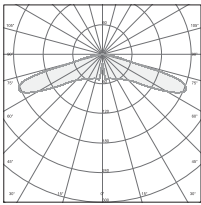
COMPLEMENTS

S6033	Adapter fitting from 60 to 33 mm
S6048	Adapter fitting from 60 to 48 mm
S6076	Adapter fitting from 60 to 76 mm

OPTICS
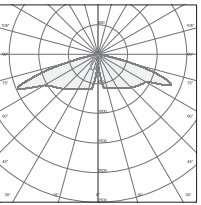
3405 Extensive asymmetric

3406 Symmetric extensive 160°

3407 Asymmetric longitudinal

3408 Intensive asymmetric

3409 Mean asymmetric

3410 Front asymmetric

DIMENSIONS

820

60Ø

600Ø

COLOURS

GREY (58)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410
25	3312	2381	2277	2416	2480	2363	2515
35	4585	3298	3152	3345	3435	3273	3482
50	6101	4387	4194	4451	4570	4355	4633
75	8252	5934	5672	6020	6180	5889	6266
90	9963	7165	6850	7269	7462	7111	7565

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410
25	3897	2802	2679	2843	2918	2780	2959
35	5395	3880	3709	3936	4042	3851	4097
50	7179	5162	4935	5237	5377	5124	5451
75	9709	6982	6674	7083	7271	6929	7372
90	11723	8430	8059	8552	8779	8366	8901

4000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410
25	4102	2950	2820	2993	3072	2927	3115
35	5680	4085	3905	4144	4255	4054	4313
50	7557	5434	5195	5513	5660	5394	5738
75	10220	7350	7026	7456	7654	7294	7760
90	12340	8874	8484	9003	9242	8807	9370

5000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410
25	4318	3106	2969	3151	3234	3082	3279
35	5980	4301	4111	4363	4479	4268	4541
50	7956	5721	5469	5804	5958	5678	6041
75	10758	7737	7396	7849	8057	7678	8169
90	12991	9342	8931	9477	9729	9271	9864

REGAL

hasta

5 ERA

10 EON

E3

CE   RoHS 2011/65/UE   ♻   ENAC

CLASSIC LIGHTING SYSTEM

Luminaire in a classic design but with all the technological advances.

It stands out for generating a light beam of greater extension and uniformity.

LUMINAIRE IN CLASSIC STYLE

10KV series surge arrester

More efficient technology

PMMA high impact eralight

eonlight toughened glass

SYSTEMS

REGAL eralight ® system | **REGAL eon**light ® system

REGAL era light system

LED			W		CRI					PF					KG
MID POWER	220-240V	50-60 HZ	25 35 50 75 90	OPTIONAL	>70	65	08	1700K 3000K 4000K	3 OPTICS	<0,95	0		CLASS I CLASS II (on request)	50.000 H L80B10	-20º +35º	0,30 m2	18,000

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S3492	02 (Black)	25 (25 W)	71 (1700 K) max. 50w	ERA	3405 Extensive asymmetric	- ON / OFF Standard	AM Marine environment paint
		35 (35 W)	73 (3000 K)		3406 Symmetric extensive 160º	DR Regulation 1 - 10 V	
		50 (50 W)	74 (4000 K)		3407 Asymmetric longitudinal	DN Midnight	
		75 (75 W)					
		90 (90 W)					
S3492	02	50	73	ERA	3405	DR	-

Example configuration **S3492025073ERA3405DR**

COMPLEMENTS

S3331	Wall bracket for suspended luminaires
S3335	Adaptor fitting for Ø60 mm column

OPTICS

3405
Extensive asymmetric

3406
Symmetric extensive

3407
Asymmetric longitudinal

DIMENSIONS

850

Ø26

520

COLOURS

● **BLACK** (02)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

1700K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407
25	2899	2519	2521	2636
35	4012	3487	3490	3648
50	5341	4638	4644	4856

3000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407
25	3102	2964	2966	3102
35	4292	4103	4107	4292
50	5713	5457	5464	5713
75	7725	7381	7389	7725
90	9328	8911	8922	9328

4000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407
25	3592	3120	3123	3266
35	4969	4319	4324	4518
50	6615	5745	5752	6014
75	8945	7770	7778	8132
90	10800	9381	9392	9819

REGAL eonlight system

LED			W		CRI					PF						KG
HIGH POWER	220-240V	50-60 HZ	25 35 50 75 90	OPTIONAL	>70	65	08	1700K 3000K 4000K	6 OPTICS	<0,95	0	CLASS I CLASS II (on request)	100.000 H L80B10	-20º +35º	0,30 m2	18,000

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S3492	**02** (Black)	**25** (25 W)	**71** (1700 K)	**EON**	**3405** Extensive asymmetric	**-** ON / OFF Standard	**3391** Surge protector 20KV
		35 (35 W)	**73** (3000 K)		**3406** Symmetric extensive 160º	**DR** Regulation 1 - 10 V	**AM** Marine environment paint
		50 (50 W)	**74** (4000 K)		**3407** Asymmetric longitudinal	**DRD** Driver prom. DALI	
		75 (75 W)			**3408** Intensive asymmetric	**DRPR** Programmed regulation	
		90 (90 W)			**3409** Mean asymmetric	**DN** Midnight	
					3410 Front asymmetric		
S3492	**02**	**50**	**73**	**EON**	**3405**	**DRD**	**3391**

Example configuration **S3492025073EON3405DRD3391**

COMPLEMENTS

S3331	Wall bracket for suspended luminaires
S3335	Adaptor fitting for Ø60 mm column

OPTICS

3405
Extensive
asymmetric

3406
Symmetric
extensive

3407
Asymmetric
longitudinal

3408
Intensive
asymmetric

3409
Mean
asymmetric

3410
Front
asymmetric

DIMENSIONS

850

Ø26

520
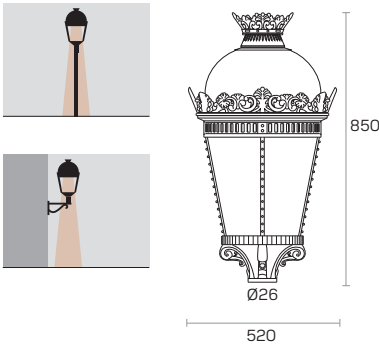
COLOURS

BLACK (02)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

1700K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410
25	3313	2381	2277	2416	2480	2363	2516
35	4585	3297	3151	3343	3434	3272	3482
50	6101	4387	4193	4450	4569	4354	4633
75	8252	5934	5672	6020	6180	5889	6266
90	9963	7165	6850	7269	7462	7111	7565

3000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410
25	3898	2802	2679	2843	2918	2781	2960
35	5395	3879	3708	3934	4040	3850	4097
50	7179	5162	4934	5236	5376	5123	5451
75	9709	6982	6674	7083	7271	6929	7372
90	11723	8430	8059	8552	8779	8366	8901

4000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410
25	4103	2950	2820	2993	3072	2928	3116
35	5680	4084	3904	4142	4253	4053	4313
50	7557	5434	5194	5512	5659	5393	5738
75	10220	7350	7026	7456	7654	7294	7760
90	12340	8874	8484	9003	9242	8807	9370

URA

hasta

5 ERA **10 EON** **E3**

CLASSIC LIGHTING SYSTEM

A luminaire with its own personality that makes it an unmistakable piece in urban environments, historical corners, as well as in residential areas, squares and narrow streets.

LUMINAIRE IN CLASSIC STYLE

10KV series surge arrester

More efficient technology

PMMA high impact eralight

eonlight toughened glass

SYSTEMS

URA eralight® system | **URA eon**light® system

URA **era**light system

LED			W		CRI				3	PF		CLASS I	50.000 H				KG
MID POWER	220-240V	50-60 HZ	25 35 50 75 90	OPTIONAL	>70	65	08	1700K 3000K 4000K	3 OPTICS	<0,95	0	CLASS I CLASS II (on request)	50.000 H L80B10	-20º +35º	0,20 m2	13,500

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S3491	**02** (Black)	**25** (25 W)	**71** (1700 K) max. 50w	**ERA**	**3405** Extensive asymmetric	**-** ON / OFF Standard	**AM** Marine environment paint
		35 (35 W)	**73** (3000 K)		**3406** Symmetric extensive 160º	**DR** Regulation 1 - 10 V	
		50 (50 W)	**74** (4000 K)		**3407** Asymmetric longitudinal	**DN** Midnight	
		75 (75 W)					
		90 (90 W)					
S3491	02	50	73	ERA	3405	DR	-

Example configuration **S3491025073ERA3405DR**

COMPLEMENTS

S3331	Wall bracket for suspended luminaires
S3335	Adaptor fitting for Ø60 mm column

OPTICS

3405
Extensive
asymmetric

3406
Symmetric
extensive

3407
Asymmetric
longitudinal

DIMENSIONS

740

Ø26
440

COLOURS

BLACK (02)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

1700K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407
25	3118	2708	2712	2835
35	4315	3750	3754	3923
50	5743	4988	4993	5221

3000K / CRI>70

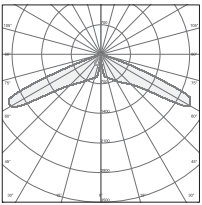| W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407
25	3669	3187	3191	3336
35	5077	4412	4417	4616
50	6757	5869	5875	6143
75	9137	7937	7945	8307
90	11034	9583	9594	10031

4000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407
25	3863	3355	3359	3512
35	5344	4645	4650	4859
50	7113	6178	6185	6467
75	9619	8355	8364	8745
90	11614	10088	10099	10559

URA **eon**light system

| LED HIGHT POWER | 220-240V | 50-60 HZ | W 25 35 50 75 90 | OPTIONAL | CRI >70 | 65 | 08 | 1700K 3000K 4000K | 6 OPTICS | PF <0,95 | 0 | CLASS I CLASS II (bajo pedido) | 100.000 H L80B10 | -20º +35º | 0,20 m2 | KG 13,500 |
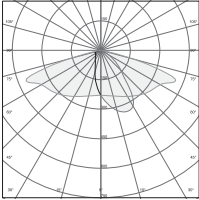
REFERENCE GENERATOR

REF.PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S3491	**02** (Black)	**25** (25 W)	**71** (1700 K)	**EON**	**3405** Extensive asymmetric	**-** ON / OFF Standard	**3391** Surge protector 20KV
		35 (35 W)	**73** (3000 K)		**3406** Symmetric extensive 160º	**DR** Regulation 1 - 10 V	**AM** Marine environment paint
		50 (50 W)	**74** (4000 K)		**3407** Asymmetric longitudinal	**DRD** Driver prom. DALI	**ZHAGA** Telemanagement (external luminaire)
		75 (75 W)			**3408** Intensive asymmetric	**DRPR** Programmed regulation	**NEMA** Telemanagement (external luminaire)
		90 (90 W)			**3409** Mean asymmetric	**DN** Midnight	
					3410 Front asymmetric		
S3491	**02**	**55**	**73**	**EON**	**3405**	**DRD**	**3391**
Example configuration **S3491025573EON3405DRD3391**							
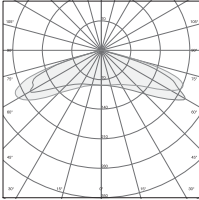
COMPLEMENTS

S3331	Wall bracket for suspended luminaires
S3335	Adaptor fitting for Ø60 mm column

OPTICS

3405 Extensive asymmetric
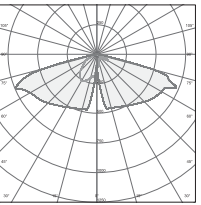
3406 Symmetric extensive

3407 Asymmetric longitudinal

3408 Intensive asymmetric

3409 Mean asymmetric

3410 Front asymmetric

DIMENSIONS

740

Ø26

440
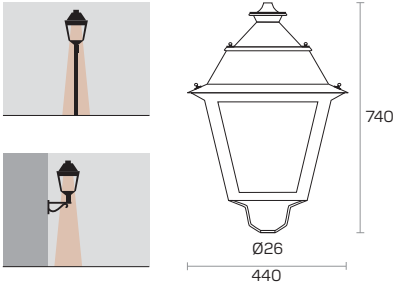
COLOURS

● **BLACK** (02)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

1700K / CRI>70
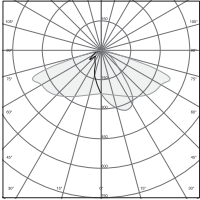
W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410
25	3312	2380	2276	2415	2480	2362	2515
35	4586	3298	3152	3344	3435	3272	3482
50	6102	4386	4193	4449	4569	4353	4633
75	8253	5933	5672	6019	6180	5888	6266
90	9964	7165	6850	7269	7462	7111	7565

3000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410
25	3897	2801	2678	2842	2918	2779	2959
35	5396	3880	3709	3935	4042	3850	4097
50	7180	5161	4934	5235	5376	5122	5451
75	9710	6981	6674	7082	7271	6928	7372
90	11724	8430	8059	8552	8779	8366	8901

4000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410
25	4103	2949	2819	2992	3072	2926	3115
35	5681	4085	3905	4143	4255	4053	4313
50	7558	5433	5194	5511	5659	5392	5738
75	10221	7349	7026	7455	7654	7293	7760
90	12342	8874	8484	9003	9242	8807	9370

CONET B1

BOLLARD LIGHTING SYSTEM

Bollard with a modern and innovative design, with a great architectural contribution and a great solution for outdoor lighting.

Lighting for residential or urban areas, especially suitable for landscaped spaces, signposting, terraces, etc.

MULTIFUNCTIONAL BOLLARD

Perimeter lighting

Adjustable lighting

Tailor-made configuration

RGBW lighting possible

Marine ambience paint as standard

CONET B1	150 mm Ø
	Tailor-made configuration option

CONET B1

LED			W			CRI					PF					KG
MID POWER	220-240V	50-60 HZ	10 12 20	DRIVER INCLUDED	OPTIONAL	>80 >70	65	10	3000K 4000K 5700K	1 OPTIC	<0,95	0	CLASS I	50.000 H L80B10	-20º +35º	Depending on configuration

SUGGESTED CONET B1 CONFIGURATION

Conet B1 is a modular beacon for a standard configuration.

REFERENCE GENERATOR PERIMETER LIGHT
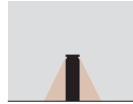
REF.	COLOUR	MEASURES	POWER (W)	COLOUR TEMP.
S661	58 (Grey)	1 (300 mm)	10 (10w)	83 (3000 K)
		2 (600 mm)	20 (20w)	84 (4000 K)
		3 (900 mm)		85 (5700 K)
S661	58	2	20	83

Example configuration **S6615822083**
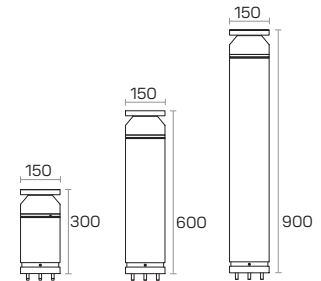
REFERENCE GENERATOR SPOT LIGHT

REF.	COLOUR	MEASURES	POTENCIA (W)	COLOUR TEMP.
S662	58 (Grey)	1 (680 mm)	12 (12w) 680 mm	83 (3000 K)
		2 (843 mm)	24 (2x12w) 843 mm	84 (4000 K)
		3 (1006 mm)	36 (2x36w) 1006 mm	85 (5700 K)
S662	58	2	24	83

Example configuration **S6625822483**
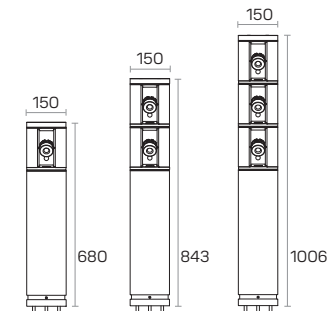
REFERENCE GENERATOR SPOT LIGHT

REF.	COLOUR	MEASURES	POWER (W)	COLOUR TEMP.
S664	58 (Grey)	3 (3000 mm)	36 (2x36w) 3000 mm	83 (3000 K)
				84 (4000 K)
				85 (5700 K)
S664	58	3	36	83

Example configuration **S6645833683**
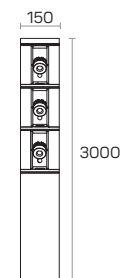
REFERENCE GENERATOR SPOT LIGHT + PERIMETER LIGHT

REF.	COLOUR	MEASURES	POWER (W)	POWER (W)	COLOUR TEMP.
S663	58 (Grey)	1 (900 mm)	12 (12w) 900 mm	10 (10w)	83 (3000 K)
		2 (1063 mm)	24 (2x12w) 1063 mm	20 (20w)	84 (4000 K)
		3 (1227 mm)	36 (2x36w) 1227 mm		85 (5700 K)
S663	58	2	24	10	83

Example configuration **S6632241083**
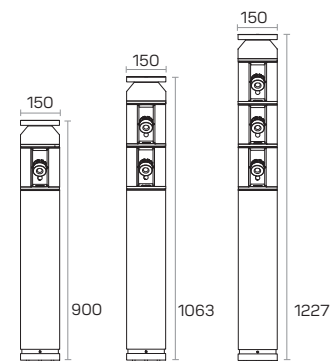
SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

SPOT LIGHT

3000K / CRI>80			4000K / CRI>80			5700K / CRI>80		
W	Lm. LED	Lm. System	W	Lm. LED	Lm. System	W	Lm. LED	Lm. System
12	800	615	12	905	695	12	905	695
24	1230	1230	24	1230	1230	24	1230	1230
36	1845	1845	36	1845	1845	36	1845	1845

PERIMETER LIGHT

3000K / CRI>80			4000K / CRI>80			5700K / CRI>80		
W	Lm. LED	Lm. System	W	Lm. LED	Lm. System	W	Lm. LED	Lm. System
10	1198	168	10	1258	177	10	1278	180
20	2397	337	20	2516	354	20	2556	360

OPTICS

-
43º
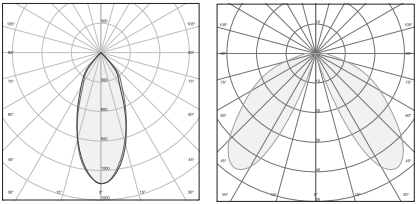
-
Perimetral

COLOURS

GREY (58)

*Other RAL colours on request.
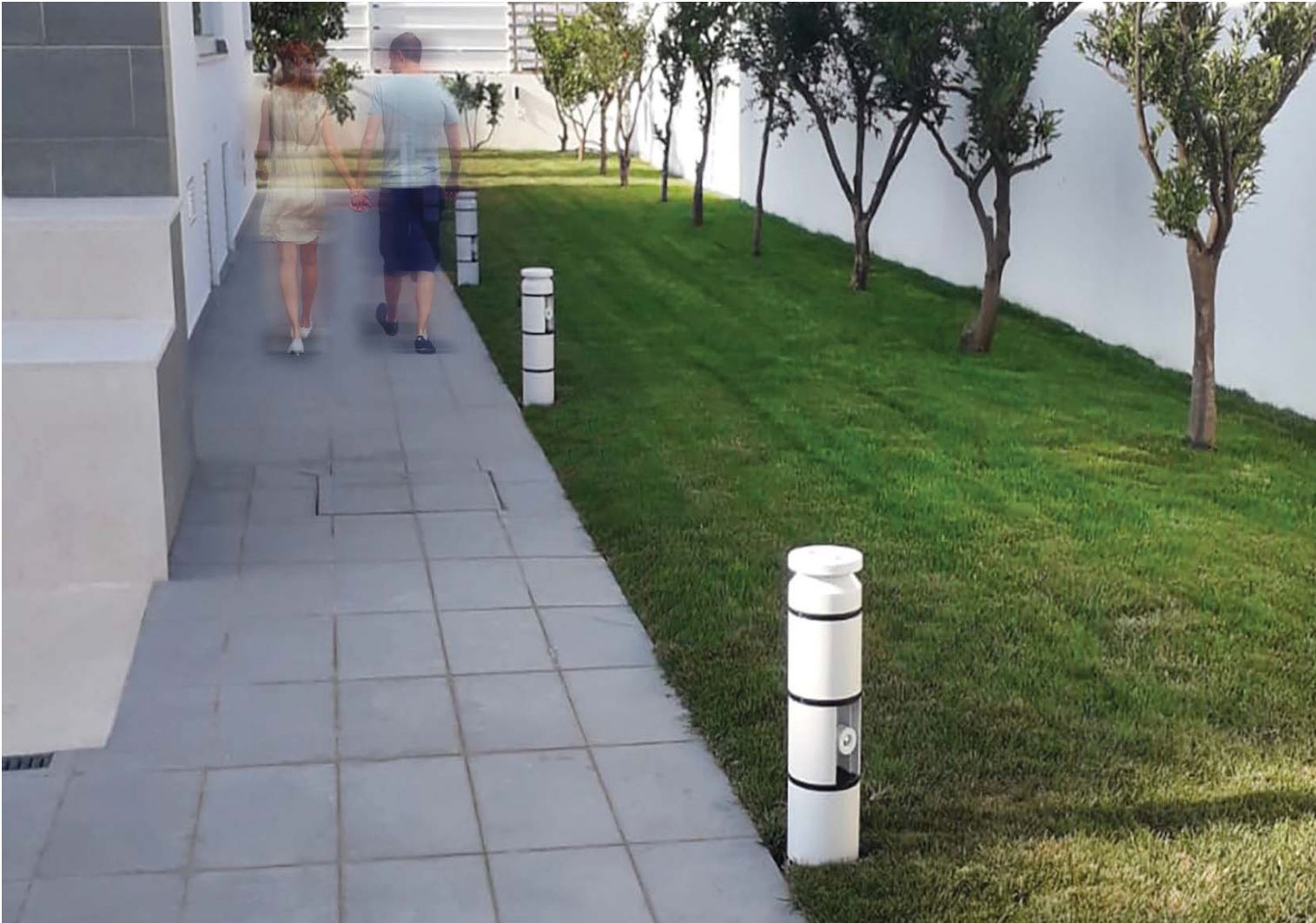
CUSTOM CONET B1 CONFIGURATION

Conet B1 is a modular beacon for a maximum configuration of 3750 mm.
The system consists of: 1 start module, 8 middle modules (maximum) and 1 locking module.

REFERENCE GENERATOR MODULE START

REF.	COLOUR
IN1 (152 mm)	**58** (Grey)
IN2 (452 mm)	
IN3 (589 mm)	
IN4 (752 mm)	
IN5 (2446 mm)	
IN3	58
Example configuration **SIN358**	
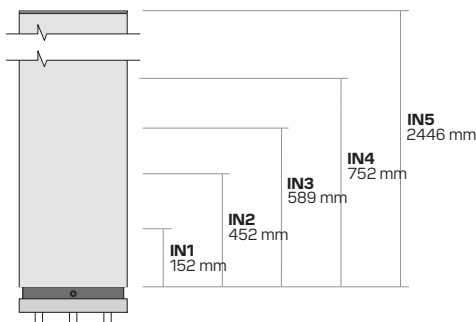
To be installed directly on concrete, cement or firm pavement.

Supplied as standard with DIN 601 metric 10x50mm (x3) screws.

Optionally it can be supplied with safety bolts, recommended from 1.3 m high beacons.

IN5 2446 mm
IN4 752 mm
IN3 589 mm
IN2 452 mm
IN1 152 mm

REFERENCE GENERATOR MEDIUM MODULE

REF.	COLOUR	COLOUR TEMP.	DRIVER
M1 (Directional light 12w)	**58** (Grey)	**83** (3000 K)	**-** ON / OFF (Standard)
M2 (Directional light RGB) DMX		**84** (4000 K)	**DRD** Dali adjustable driver
M3 (RGB directional light) RF		**85** (5700 K)	
M4 (Schuko Base)			
M5 (Speaker)			
M5W (Wifi Speaker)			
M6 (Blind section 152 mm)			
M7 (Blind section 452 mm)			
M8 (Blind section 589 mm)			
M1	58	84	DRD
Example configuration **SM15884DRD**			

M1 / Adjustable light — 163
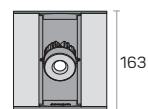
M2 / RGB / DMX
M3 / RGB / RF — 420
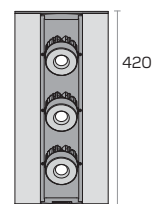
M4 / Schuko base — 163
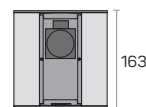
M5 / Altavoz
M5W / Altavoz Wifi — 420
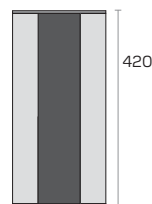
REFERENCE GENERATOR MÓDULO CIERRE

REF.	COLOUR	COLOUR TEMP.	DRIVER
C1 (Closing)	**58** (Grey)	**83** (3000 K)	**-** ON / OFF (Standard)
C2 (Closing + repeater WIFI)		**84** (4000 K)	**DRD** Driver adjustable Dali
C3 (Perimetral light 10w)		**85** (5700 K)	
C4 (Perimetral light 20w)			
C3	58	84	DRD
Example configuration **SC35884DRD**			

C1 / Closing — 19

C2 / Closing + Wifi — 19

C3 / Perimeter lighting / 10w
C4 / Perimeter lighting / 20w — 100
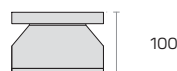
COMPLEMENTS

S3405233	Security bolt

OPTICS

-
43º
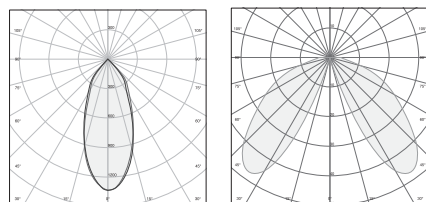
-
Perimeter

COLOURS

GREY (58)

*Other RAL colours on request.

CAMIN
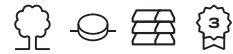
BOLLARD
LIGHTING
SYSTEM

Outdoor surface-mounted bollard, with a
modern and minimalist design with straight
cuts, style and simplicity, ideal for integration
in places where it is necessary to illuminate
passageways.

The reinforced aluminium structure gives it
great strength and durability.

COMFORTABLE LIGHTING

Marine environment paint

Option lighting 1 side / 2 sides

FAMILY

CAMIN · M	80 x 200 x 500 mm	**CAMIN** · L	80 x 200 x 700 mm
6 / 2x6 W		6 / 2x6 W	

CAMIN

LED			W			CRI					PF			CLASS		KG
MID POWER	220-240V	50-60 HZ	6 2x6	DRIVER INCLUDED	-	>80	65	08	3000K 4000K	1 OPTIC	<0,95	0	I	30.000 H L80B10	-20° +35°	M - 4,500 L - 6,00

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S969 (M)	01 (White)	06 (6,8 W)	83 (3000 K)	-	- Without secondary optics 50°	- ON / OFF Standard	-
S966 (L)	02 (Black)	12 (2x6,8 W)	84 (4000 K)				
S969	02	12	83	-	-	-	-

Example configuration **S969021283**

COMPLEMENTS

S90901	Concealed fixing
S90902	Fixing 4 visible screws
S90903	Fixing security bolts

OPTICS
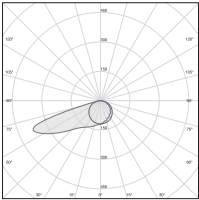
-
50°

DIMENSIONS
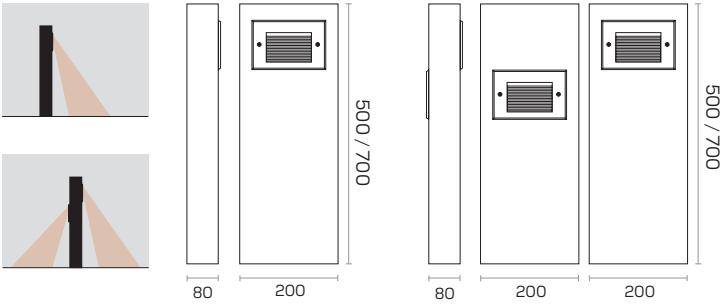
500 / 700

80   200

80   200   200

COLOURS

○ **WHITE** (01)

● **BLACK** (02)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

3000K / CRI>80			4000K / CRI>80		
W	Lm. LED	Lm. System	W	Lm. LED	Lm. System
6,8	172	300	6,8	172	300
2x6,8	172x172	300x300	2x6,8	172x172	300x300

TARGO

LIGHTING SYSTEM SIGNALLING

Path lighting luminaire with a modern design and minimum consumption, ideal for both indoor and outdoor use.

Its use is extensive, adapting to most spaces where there are passageways, stairways, corridors, lift entrances, car parks, hotels, gardens, etc.
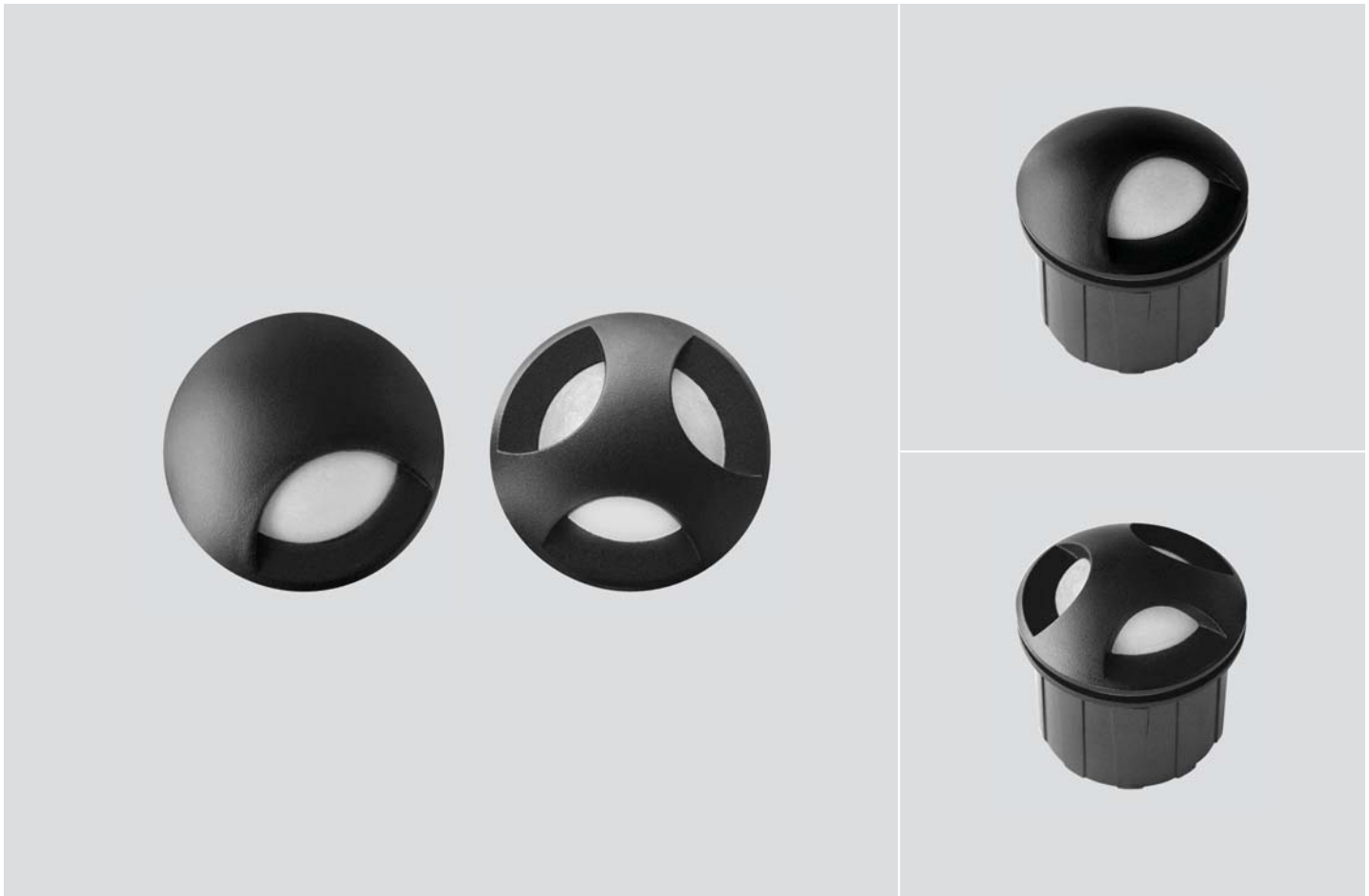
FAMILY

TARGO 150º	60 mm. Ø 52 mm. Ø 3 W	**TARGO 360º**	60 mm. Ø 52 mm. Ø 3 W

TARGO

LED			W			CRI					2	PF						
MID POWER	220-240V	50-60 HZ	3	DRIVER INCLUDED	-	>80	65	08	3000K 4000K	2 OPTICS	<0,60	0	CLASE I	25.000 H L80B10	-15º +35º	0,116

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S949 (150º)	**02** (Black)	**03** (3 W)	**83** (3000 K)	-	- Without secondary optics 150º / 360º	- ON / OFF Standard	-
S954 (360º)			**84** (4000 K)				
S949	**02**	**03**	**83**	-	-	-	-
Example configuration **S949020383**							

OPTICS

-
150º

-
360º

DIMENSIONS

150º
42 · 58,5 · 60

360º
42 · 58,5 · 60
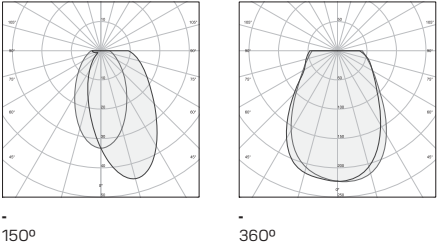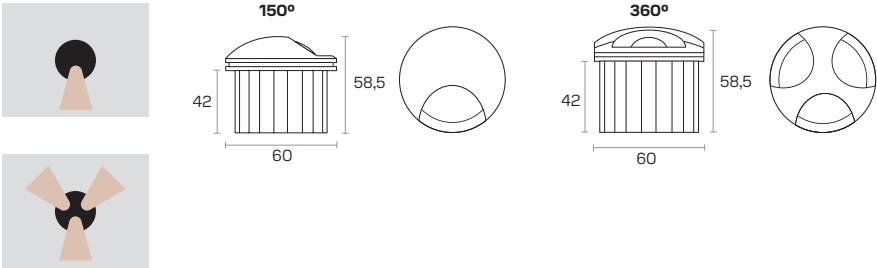
COLOURS

● **BLACK** (02)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

3000K / CRI>80			4000K / CRI>80		
W	Lm. LED	Lm. System	W	Lm. LED	Lm. System
3	50	22	3	50	22

TRIDO

LIGHTING
SYSTEM
SIGNALLING

Path lighting luminaire with a modern design and minimum consumption, ideal for both indoor and outdoor use.

Its use is extensive, adapting to most spaces where there are passageways, stairways, corridors, lift entrances, car parks, hotels, gardens, etc.

FAMILIA

TRIDO · M	85 x 85 mm	**TRIDO** · L	75 x 255 mm	**TRIDO** · XL	120 x 180 mm	**TRIDO** · XL	120 x 120 mm
	76 x 76 mm		70 x 246 mm		115 x 170 mm		surface
	recessed		recessed		recessed		6,8 W
	2,8 W		6,8 W		6,8 W		

TRIDO

| LED MID POWER | 220-240V | 50-60 HZ | W 2 6 | DRIVER INCLUDED | - | CRI >80 | 65 | 08 | 3000K 4000K | 1 OPTIC | PF <0,60 | 0 | CLASS I | 30.000 H L80B10 | -15º +35º | KG M 0,204 L 0,645 XL 0,621 0,183 sup. |

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S955 (M) Recessed	**01** (White)	**02** (2,6 W) M	**83** (3000 K)	-	- Without secondary optics 50º	- ON / OFF Standard	-
S956 (L) Recessed	**02** (Black)	**06** (6,8 W) L/XL	**84** (4000 K)				
S957 (XL) Recessed							
S958 (XL) Surface							
S956	**02**	**06**	**83**	-	-	-	-

Example configuration **S956020683**

OPTICS

-
50º

DIMENSIONS

TRIDO M recessed
53 · 85 · 85

TRIDO L recessed
53 · 255 · 75

TRIDO XL empotrado
53 · 180 · 120

TRIDO XL surface
18 · 120 · 120

COLOURS

○ **WHITE** (01)

● **BLACK** (02)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

3000K / CRI>80

W	Lm. LED	Lm. System
2,6 M	85	65
6,8 L	290	163
6,8 XL	290	163
6,8 XL sup.	190	173

4000K / CRI>80

W	Lm. LED	Lm. System
2,6 M	90	69
6,8 L	300	172
6,8 XL	300	172
6,8 XL sup.	200	183

FLOPRO

Z3 **Z1/2/3**

FLOOD LIGHT LIGHTING SYSTEM

FLOPRO LED is a luminaire perfectly designed for floor or wall installation, combining high quality materials to guarantee its durability over time.

Its design is prepared for a simple and safe installation, by means of an auxiliary box or with clamps depending on the installation, reaching a watertightness level of IP67.

LUMINAIRE FOR FLOOR OR CEILING INSTALLATION

Recessing box

Anti-condensation valve

High-strength protective tempered glass, up to 5000 kg. weight

Adjustable module

Double IP67 connector for power input and output
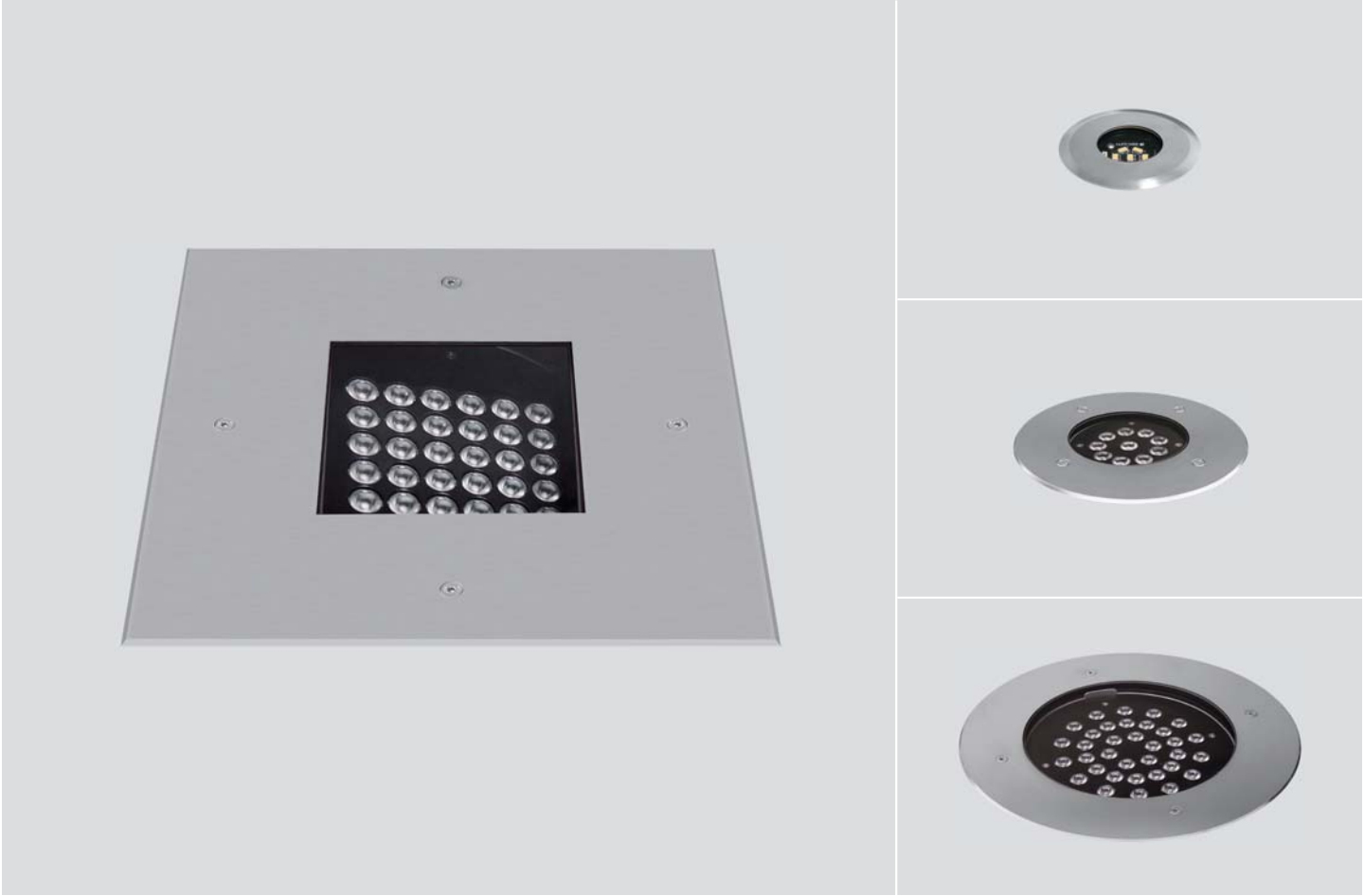
FAMILY

FLOPRO · M	75 mm. Ø 70 mm. Ø 2 W

FLOPRO · L	170 mm. Ø 170 x 170 mm. 160 mm. Ø 6 / 7 / 10 W

FLOPRO · XL	300 mm. Ø 300 x 300 mm. 250 mm. Ø 20 / 28 / 22 W

FLOPRO · M

LED			W			CRI					PF				KG
MID POWER	220-240V	50-60 HZ	2	DRIVER INCLUDED	-	>80	65	10	3000K 4000K 5700K R/G/B	1 OPTIC	<0,95	0	CLASS I	50.000 H L80B10	-20º +40º	0,204

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S6100	**00** (Aluminium met.)	**02** (2 W)	**83** (3000 K)	-	- Without secondary optics 120º	- ON / OFF Standard	**CMZ1** (Opal glass)
			84 (4000 K)				
			85 (5700 K)				
			R (LED red) **G** (LED green) **B** (LED blue)				
S6100	**00**	**02**	**84**	-	-	-	**CMZ1**

Example configuration **S6100000284CMZ1**

OPTICS

120º

DIMENSIONS

Ø 75

57,8

COLOURS

ALUMINIUM MET. (OO)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

3000K / CRI>80

W	Lm. LED	Lm. System
2	157	140

4000K / CRI>80

W	Lm. LED	Lm. System
2	168	150

5700K / CRI>80

W	Lm. LED	Lm. System
2	168	150

FLOPRO · L

| LED HIGH POWER | 220-240V | 50-60 HZ | W 6 7 10 | DRIVER INCLUDED | - | CRI >80 | 67 | 10 | 3000K 4000K 5700K R/G/B AMBER | 2 OPTICS | PF <0,95 | 0 | CLASS I | 50.000 H L80B10 | -20º +35º | KG 2,670 |

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S6120 (Symmetric) circular	**00** (Aluminium met.)	**06** (6 W) Symmetric	**83** (3000 K)	-	**11** (11º)	**-** ON / OFF Standard	**-**
S6110 (Asymmetric) circular		**10** (10 W) Symmetric	**84** (4000 K)		**48** (48º)		**CMZ1** Opal glass
S6130 (Symmetric) square		**07** (7 W) Asymmetric	**85** (5700 K)				
S6140 (Asymmetric) square			**R** (LED red) **G** (LED green) **B** (LED blue)				
			AMB (LED amber)				
S6120	**00**	**06**	**84**	**-**	**48**	**-**	**-**

Example configuration **S612000068448**

OPTICS

Symmetric 11º   Symmetric 48º   Asymmetric 11º   Asymmetric 48º

DIMENSIONS

Simétrica

Asimétrica

Ø 170   140   170   170   140

COLOURS

ALUMINIUM MET. (OO)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

3000K / CRI>80

W	Lm. LED	Lm. System 11º	Lm. System 48º
6	485	416	406
10	872	749	730
7	582	479	453

4000K / CRI>80

W	Lm. LED	Lm. System 11º	Lm. System 48º
6	521	447	436
10	937	805	784
7	625	515	486

5700K / CRI>80

W	Lm. LED	Lm. System 11º	Lm. System 48º
6	561	482	469
10	1009	867	844
7	673	554	524

FLOPRO · XL

LED	⚡	〰	W	🔌	⌀	CRI	💧	❄	💡	💡	PF	👁	⏚	⏱	🌡	KG
HIGH POWER	220-240V	50-60 HZ	20 22 28 30	DRIVER INCLUDED	-	>80	67	10	3000K 4000K 5700K R/G/B RGBW AMBER	2 OPTICS	<0,95	0	CLASS I	50.000 H L80B10	-20º +35º	7,900

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S6150 (Symmetric) Circular	**00** (Aluminium met.)	**20** (20 W) Symmetric	**83** (3000 K)	-	**11** (11º)	**-** ON / OFF Standard	**-**
S6180 (Asymmetric) Circular		**30** (28 W) Symmetric	**84** (4000 K)		**48** (48º)	**DR** Driver adjustable 1-10V	
S6160 (Symmetric) Square		**22** (22 W) Asymmetric	**85** (5700 K)			**DRD** Driver programmable DALI	
S6170 (Asymmetric) Square		**30** (55 W) RGBW Symmetric	**R** (LED red) **G** (LED green) **B** (LED blue)				
S6150 (Symmetric) Circular, RGBW			**RGBW**				
			AMB (LED amber)				
S6150	**00**	**30**	**84+RGBW**	-	**48**	-	-

Example configuration **S6150003084RGBW48**

COMPLEMENTS

S4500	DMX wall mounted control (RGBW)

OPTICS

Symmetric 11º   Symmetric 48º   Asymmetric 11º   Asymmetric 48º

DIMENSIONS

Simétrica

Asimétrica

Ø 300   154,5   300   300   154,5
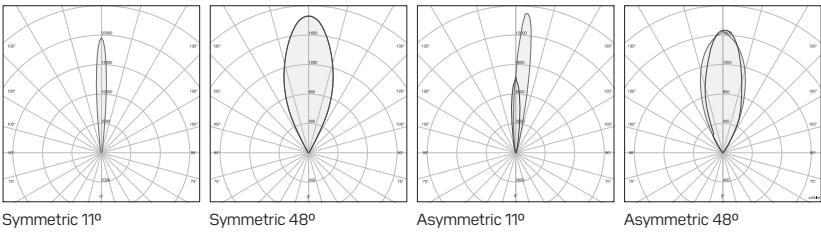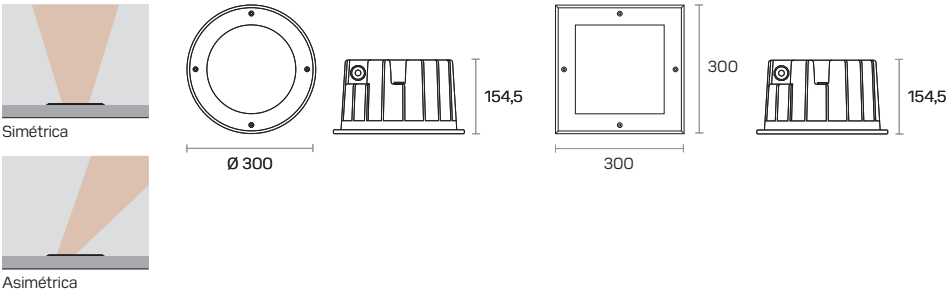
COLOURS

⬤ **ALUMINIUM MET.** (00)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

3000K / CRI>80				4000K / CRI>80				5700K / CRI>80			
W	Lm. LED	Lm. System 11º	Lm. System 48º	**W**	Lm. LED	Lm. System 11º	Lm. System 48º	**W**	Lm. LED	Lm. System 11º	Lm. System 48º
20	1571	1343	1335	**6**	1688	1444	1434	**6**	1817	1554	1544
30	2618	2182	2151	**10**	2813	2345	2311	**10**	3029	2525	2489
22	1745	1492	1483	**7**	1875	1604	1594	**7**	2019	1727	1716

LARNIK

CE RoHS 2011/65/UE

FLOOD LIGHT LIGHTING SYSTEM

Larnik LED is a luminaire designed for architectural lighting.

With a linear design, it blends in perfectly with the areas to be illuminated, without distorting the aesthetics of the facades.

Its design is especially aimed at outdoor lighting, such as buildings, shopping centres, industrial warehouses, historic buildings, etc., giving them presence and prominence.

CONTINUOUS LINE FLOOD LIGHT

IP67 degree of watertightness

Perfect architectural adaptability

Single-colour lighting in Red, Green or Blue and RGBW possible
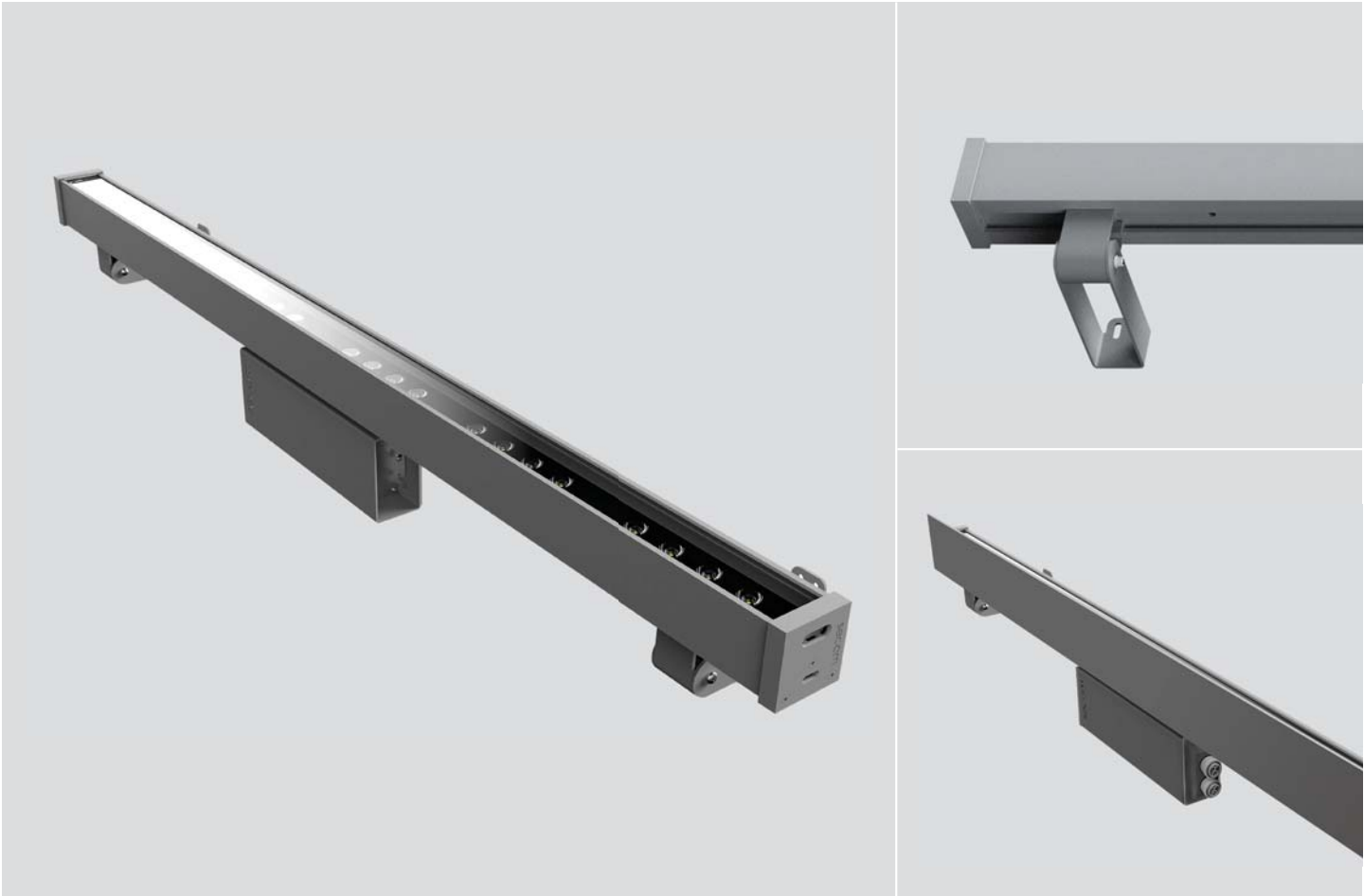
FAMILY

| **LARNIK · M** | 160 x 500 mm |
| | 12 / 25 W |

| **LARNIK · L** | 160 x 1000 mm |
| | 25 / 50 W |

| **LARNIK · XL** | 160 x 1500 mm |
| | 40 / 80 W |

LARNIK

LED HIGH POWER	220-240V	50-60 HZ	**W** 12 25 40 50 80	DRIVER INCLUDED	OPTIONAL	**CRI** >80	67	08 *10 optional	1700K 3000K 4000K 5000K R/G/B RGBW	4 OPTICS	**PF** <0,95	0	CLASS I	100.000 H L80B10	-20º +35º	500 - 2,2 1000 - 2,6 1500 - 3,1

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	SIZE	POWER (W)	OPTICS	COLOUR TEMP.	SYSTEM	DRIVER	ACCESSORIES
S540	**58** (Grey)	**1** (M)	**12** (12 W) M	**0** Symmetric 7º	**83** (3000 K)	-	**-** ON / OFF Standard	**IK10** Impact resistance
S541 (R/G/B)		**2** (L)	**25** (25 W) M	**1** Symmetric 14º	**84** (4000 K)		**-** Driver DMX RGBW	**AM** Marine environment paint
S542 (RGBW)		**3** (XL)	**25** (50 W) L	**2** Symmetric 29º	**85** (5000 K)		**DRD** Driver prom. DALI	**P1** Glare shield 500 mm
			50 (50 W) L	**3** Symmetric 46º	**R** (Red)			**P2** Glare shield 1000 mm
			40 (50 W) XL		**G** (Green)			**P3** Glare shield 1500 mm
			80 (80 W) XL		**B** (Blue)			
			25 RGBW (25 W) M		**817** (1700 K) Wineries			
			50 RGBW (50 W) L					
			80 RGBW (80 W) XL					
			10 Red (10 W) M **20** Red (20 W) M					
			20 Red (20 W) L **40** Red (40 W) L					
			30 Red (30 W) XL **60** Red (60 W) XL					
			15 Green (15 W) M **30** Green (30 W) M					
			30 Green (30 W) L **60** Green (60 W) L					
			45 Green (45 W) XL **90** Green (90 W) XL					
			15 Blue (15 W) M **30** Blue (30 W) M					
			30 Blue (30 W) L **60** Blue (60 W) L					
			45 BLue (45 W) XL **90** Blue (90 W) XL					
S540	**58**	**2**	**50**	**3**	**84**	-	**DRD**	**IK10**

Example configuration **S54058250384DRDIK10**

COMPLEMENTS

S4500	DMX wall recessed control (RGBW)
SCL01	1.5 m DC line connection cable
SCL15	15 m continuous line connection cable
SCL01DMX	DMX power and communication connection cable 1,5 m
SCL15DMX	DMX power supply and communication cable 15 m

OPTICS
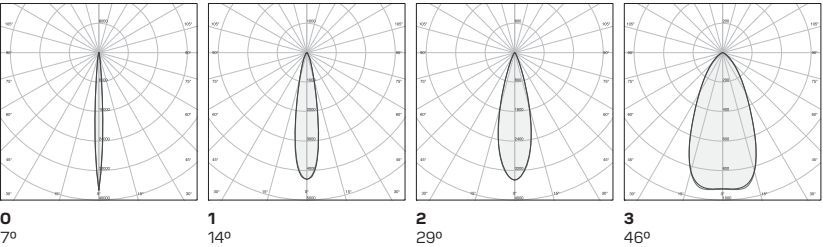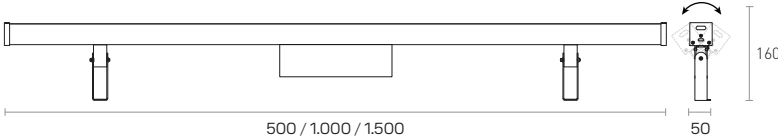
0
7º

1
14º

2
29º

3
46º

DIMENSIONS

500 / 1.000 / 1.500

160

50

COLOURS

GREY (58)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

3000K / CRI>70

W	Lm. LED	Lm. System 0	Lm. System 1	Lm. System 2	Lm. System 3
12	1404	1312	1183	1277	1116
25	2808	2625	2366	2554	2232
25	2808	2625	2366	2554	2232
50	5616	5250	4733	5108	4464
40	4212	3937	3549	3831	3398
80	8424	7875	7099	7662	6697

4000K / CRI>70

W	Lm. LED	Lm. System 0	Lm. System 1	Lm. System 2	Lm. System 3
12	1512	1413	1274	1375	1202
25	3024	2827	2548	2750	2404
25	3024	2827	2548	2750	2404
50	6048	5654	5059	5501	4808
40	4536	4240	3823	4126	3606
80	9072	8481	7646	8252	7212

5000K / CRI>70

W	Lm. LED	Lm. System 0	Lm. System 1	Lm. System 2	Lm. System 3
12	1512	1413	1274	1375	1202
25	3024	2827	2548	2750	2404
25	3024	2827	2548	2750	2404
50	6048	5654	5059	5501	4808
40	4536	4240	3823	4126	3606
80	9072	8481	7646	8252	7212

KONAK

INDUSTRIAL
LIGHTING
SYSTEM

High bay with an innovative design where the aesthetics have been optimised, a luminaire for industrial use that achieves high levels of robustness and durability.

High lighting performance thanks to its transparent polycarbonate enclosure, the aluminium injection body and the quality of the electronic components.

HIGH PERFORMANCE HIGH BAY

SPD 6KV on driver

More efficient

Lighter

Versatile and developed to save energy
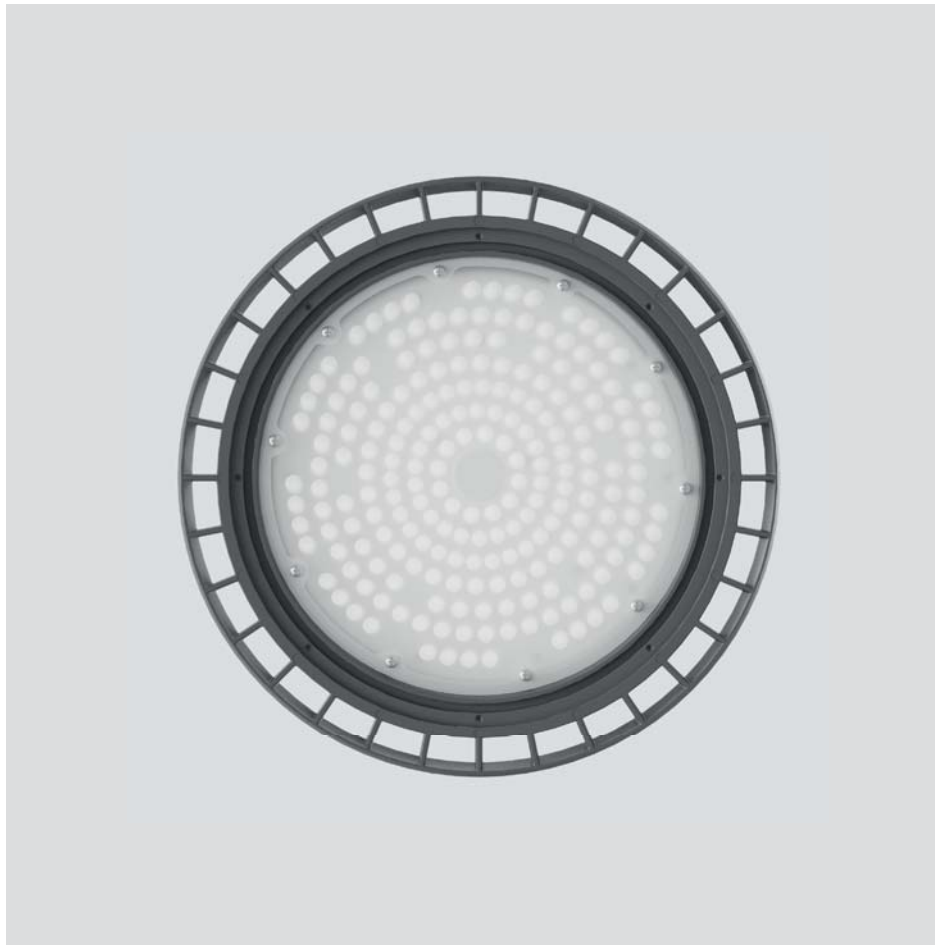
SYSTEM

KONAK eralight®
system

KONAK **era**light system

| LED MID POWER | 220-240V | 50-60 HZ | W 100 150 200 250 | DRIVER INCLUDED | OPTIONAL | CRI >70 >80 | 65 | 08 *10 optional | 3000K 4000K 5000K | 3 OPTICS | PF <0,97 | 0 | CLASS I | 50.000 H L80B10 | -20º +35º | KG M 4,000 L 9,000 |

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S4290B	58 (Grey)	10 (100 W) M	73 (3000 K)	ERA	- With secondary optics 90º (100/150/200w)	- ON / OFF Standard	AM Marine environment paint
		15 (150 W) M	74 (4000 K)		60 60º (100/150/200w)	DRD Driver adjustable DALI 2.0	IK10 Impact resistance
		20 (200 W) M	75 (5000 K)		120 Without secondary optics 120º (100/150/200/250w)		
		25 (250 W) L	83 (3000 K)				
			84 (4000 K)				
			85 (5000 K)				
S4290B	58	15	74	ERA	-	DRD	-

Example configuration **S4290B581574ERADRD**

COMPLEMENTS

SKEX	External emergency kit 3 h.

*Consult available powers.
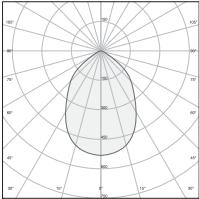
COLOURS
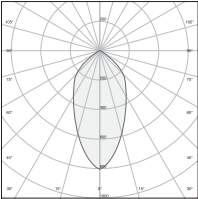
● **GREY** (58)　　　　⬤ *Other RAL colours on request.
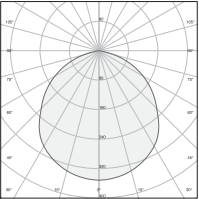
OPTICS

With secondary optics 90º

60 60º
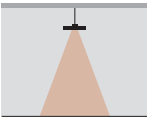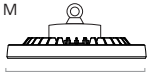
120 Without secondary optics 120º
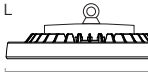
DIMENSIONS
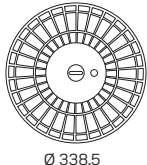
M — 151,60　Ø 338,5
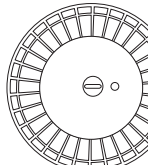
L — 151,60　Ø 450

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

3000K / CRI>70

W	Lm. LED	Lm. System 90º	Lm. System 60º	Lm. System 120º
100	15174	14310	11725	14697
150	22383	21172	20510	21036
200	28800	25356	21401	27023
250	34828	-	-	33390

4000K / CRI>70

W	Lm. LED	Lm. System 90º	Lm. System 60º	Lm. System 120º
100	15490	14609	11969	15003
150	22850	21614	20937	21474
200	29400	25884	21847	27586
250	36662	-	-	35148

5000K / CRI>70

W	Lm. LED	Lm. System 90º	Lm. System 60º	Lm. System 120º
100	15806	14907	12213	15310
150	23316	22055	21364	21912
200	30000	26412	22293	28149
250	38592	-	-	36998

3000K / CRI>80

W	Lm. LED	Lm. System 90º	Lm. System 60º	Lm. System 120º
100	13960	13166	10787	12303
150	20593	19479	18869	18988
200	26496	23327	19689	24860
250	32041	-	-	30718

4000K / CRI>80

W	Lm. LED	Lm. System 90º	Lm. System 60º	Lm. System 120º
100	14251	13440	11012	13164
150	21022	19884	19262	18988
200	27048	23813	20099	25378
250	33729	-	-	32336

5000K / CRI>80

W	Lm. LED	Lm. System 90º	Lm. System 60º	Lm. System 120º
100	14542	13714	11236	14085
150	21451	20290	19655	20159
200	27600	24299	20510	25897
250	35504	-	-	34038

PROTEK Q1

120°

INDUSTRIAL LIGHTING SYSTEM

High quality outdoor floodlight, luminaire with superior light output, perfect to satisfy any outdoor lighting project.

HIGH PERFORMANCE FLOOD LIGHT

IP66 degree of watertightness

High luminous efficacy 153 lm/w

Up to 7 optics

RGBW lighting possible

Surge arrester series 10KV

SYSTEM

PROTEK Q1 eralight® system

PROTEK Q1 era light system

| MID POWER | 220-240V | 50-60 HZ | 17,5 30 54 | DRIVER INCLUDED | OPTIONAL | >70 | 66 | 08 *10 optional | 1700K 3000K 4000K 5000K RGBW | 7 OPTICS | <0,95 | 0 | CLASS I | 50.000 H L80B10 | -15º +35º | 1,500 |

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S4127	**01** (White)	**17** (17,5 W)	**71** (1700 K) max. 30w	**ERA**	**-** Without secondary optics 120º	**-** ON / OFF Standard	**4131** Opal diffuser
S4126 (RGBW)	**02** (Black)	**30** (30 W)	**73** (3000 K)		**3401** Intensive symmetric 31º	**DRD** Driver prom. DALI	**AM** Marine environment paint
		54 (54 W)	**74** (4000 K)		**3402** Symmetric mean 56º	**DR** Regulation 1 - 10 V	**IK10** Impact resistance
		50 (50 W) RGBW	**75** (5000 K)		**3403** Symmetric extensive 86º	**4500RGBW**	
			83RGBW (3000 K)		**3405** Extensive asymmetric	**4501RGBW**	
			84RGBW (4000 K)		**3406** Symmetric extensive 160º	**4502RGBW**	
			85RGBW (5000 K)		**3407** Asymmetric longitudinal		
					3411 Asymmetric oval		
S4127	**02**	**17**	**74**	**ERA**	**3405**	**DRD**	**AM**

Example configuration **S4127021774ERA3405DRDAM**

COMPLEMENTS

S4500	DMX Wall Mount Controller (RGBW)
S4501	Radio frequency (RGBW) wall mounted controllers
S4502	Radio frequency wireless handheld controller (RGBW)
S350101	Wall arm 500 mm / white
S350102	Wall arm 500 mm / black
S350201	Wall arm 1.000 mm. / white
S350202	Wall arm 1.000 mm. / black
S350301	Wall arm 1.500 mm. / white
S350302	Wall arm 1.500 mm. / black

CITY SUPPORT COMPLEMENTS

S417901S	City / white bracket
S417902S	City stand / black
S417701S	City duo stand / white
S417702S	City duo stand / black
S417801S	City trio bracket / white
S417802S	City trio bracket / black

OPTICS
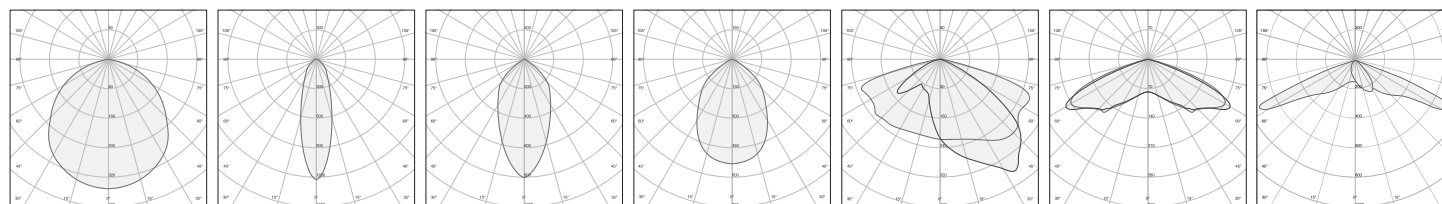
Without secondary optics
120º

3401
Intensive symmetric
31º

3402
Symmetrical mean
56º

3403
Symmetric extensive
86º

3405
Extensive asymmetric

3406
Symmetric extensive
160º

3407
Asymmetric longitudinal
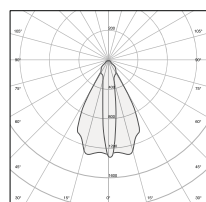
3411
Asymmetric oval

DIMENSIONS
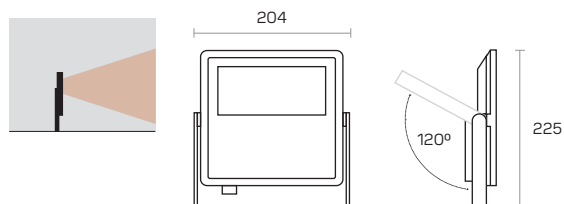
204
120º
225

COLOURS

BLACK (02)

WHITE (01)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

1700K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3401	Lm. System 3402	Lm. System 3403	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3411
17,5	2263	2095	1717	2026	1986	2006	1792	1829	1290
30	4061	3760	3229	3766	3679	3217	3726	3292	2547
54	5756	5329	4559	4996	5242	4758	4696	4791	3146

3000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3401	Lm. System 3402	Lm. System 3403	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3411
17,5	2515	2328	1908	2252	2207	2229	1991	2032	1434
30	4513	4178	3588	4185	4088	3575	3584	3658	2830
54	6395	5921	5065	5551	5824	5316	5217	5324	3496

4000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3401	Lm. System 3402	Lm. System 3403	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3411
17,5	2646	2450	2008	2370	2323	2346	2096	2139	1509
30	4750	4398	3777	4405	4303	3763	3773	3850	2979
54	6732	6233	5332	5843	6131	5596	5492	5604	3680

5000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3401	Lm. System 3402	Lm. System 3403	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3411
17,5	2779	2573	2108	2489	2439	2463	2201	246	1585
30	4988	4618	3966	4625	4518	3951	3962	4043	3128
54	7069	6545	5599	6135	6438	5876	5767	5884	3863
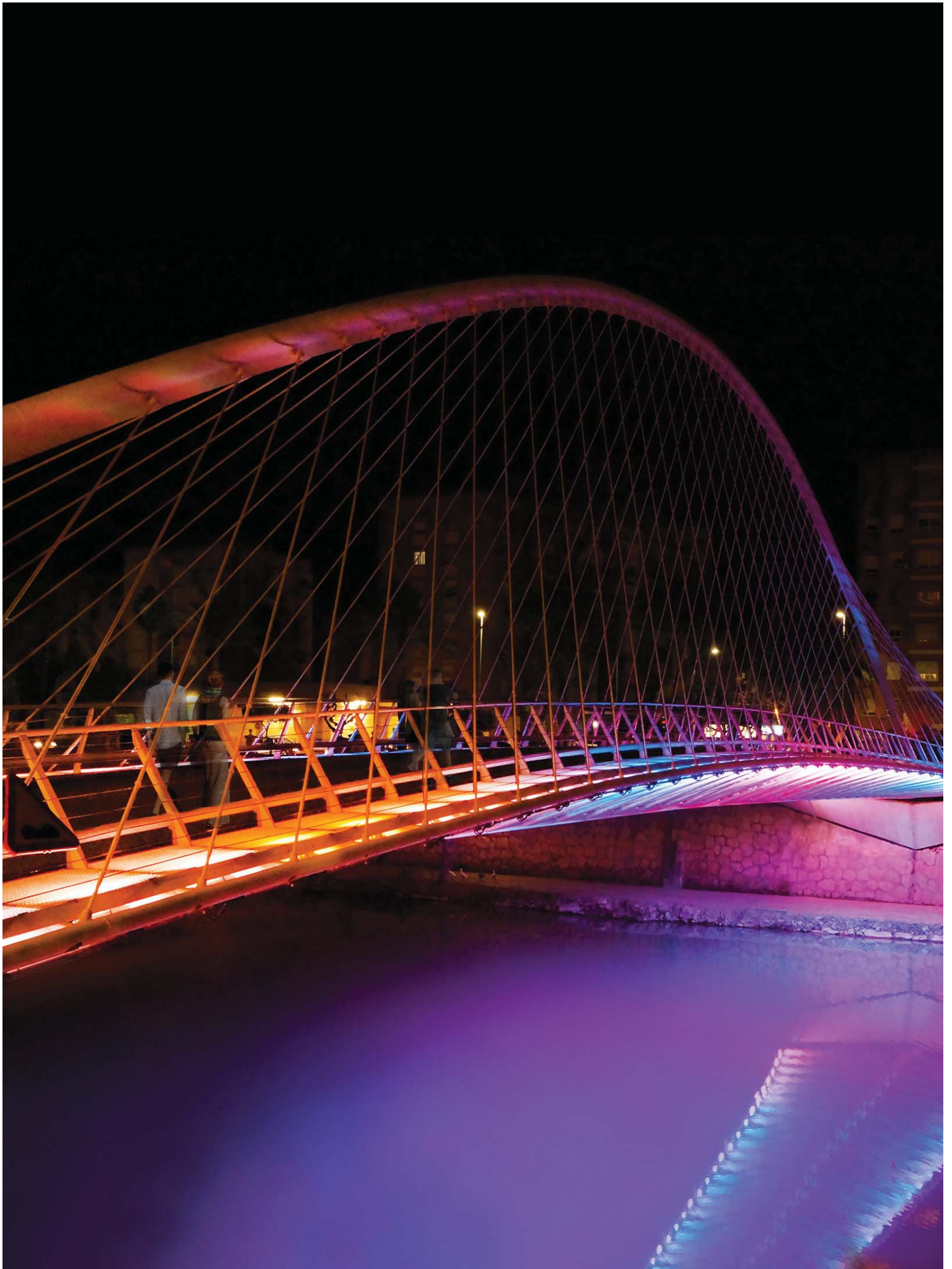
LIKON

5 ERA to 10 EON

INDUSTRIAL LIGHTING SYSTEM

High quality outdoor floodlight, luminaire with superior light output, perfect to satisfy any outdoor lighting project.

UPGRADEABLE TECHNOLOGY

Ease of installation

Reflector for improved visual comfort

Efficiency, versatility, connectivity

Management system integration

2 cable glands for chain entry

eralight high impact PMMA enclosure

eonlight high impact tempered GLASS enclosure

Wide range of optics and dimming options
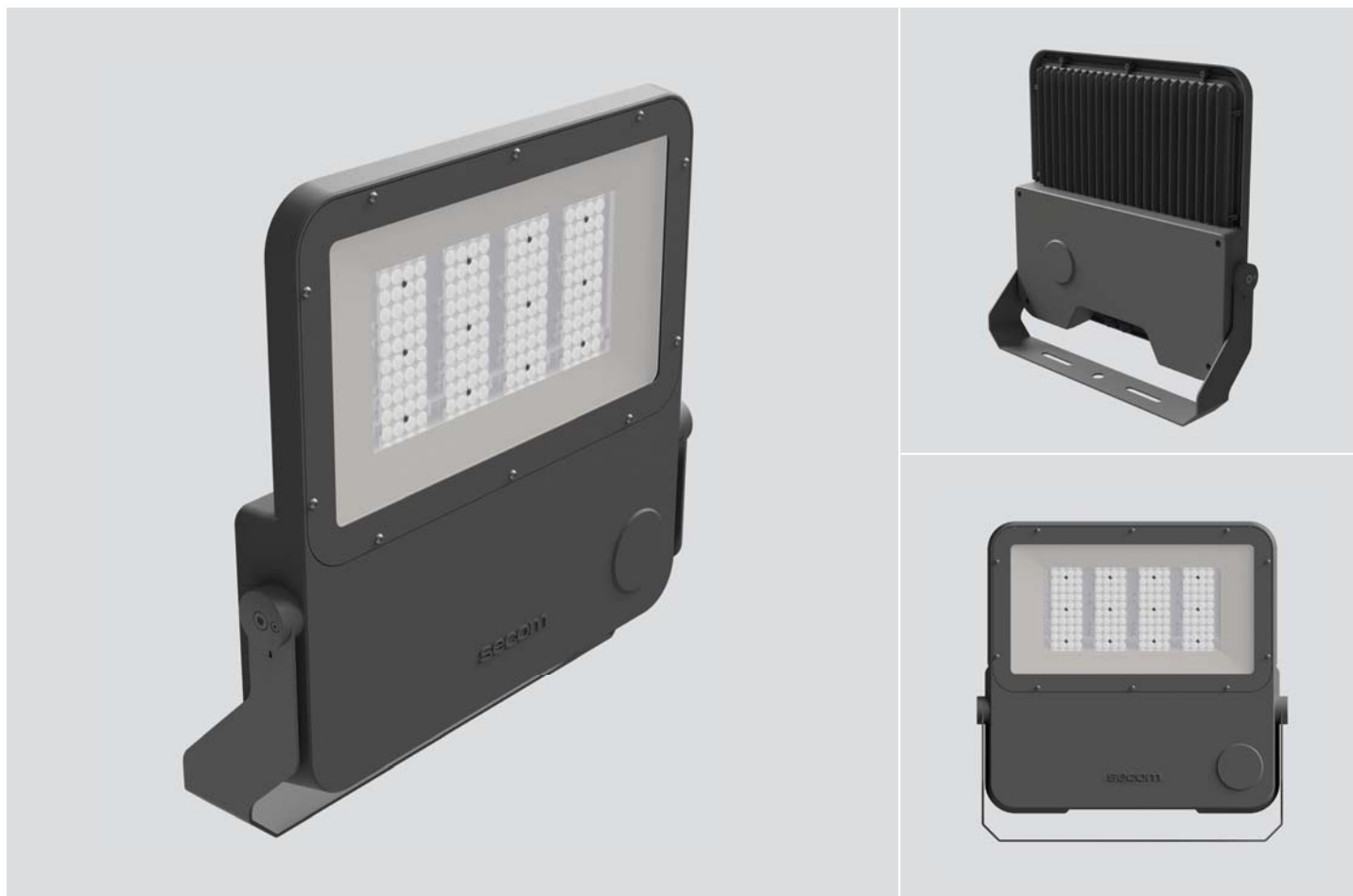
SYSTEMS

LIKON **era**light® system   LIKON **eon**light® system

LIKON **era**light system

LED			W			CRI					PF				KG
MID POWER	220-240V	50-60 HZ	105 150	DRIVER INCLUDED	OPTIONAL	>70	66	08 *10 optional	3000K 4000K 5000K	6 OPTICS	<0,98	0	CLASS I CLASS II (on request)	50.000 H L80B10	-20º +35º	8,500

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S4331	**02** (Black)	**105** (105 W)	**73** (3000 K)	**ERA**	**3405** Extensive asymmetric	**-** ON / OFF Standard	**AM** Marine environment paint
	58 (Grey)	**150** (150 W)	**74** (4000 K)		**3406** Symmetric extensive 160º	**DR** Regulación 1 - 10 V	**IK10** Impact resistance
			75 (5000 K)		**3407** Longitudinal asymmetric	**DN** Midnight	
					3414 Intensely symmetric 27º		
					3415 Median symmetric 56º		
					3416 Symmetric extensive 85º		
S4331	58	105	73	ERA	3405	DR	-

Example configuration **S43315810573ERA3405DR**

OPTICS
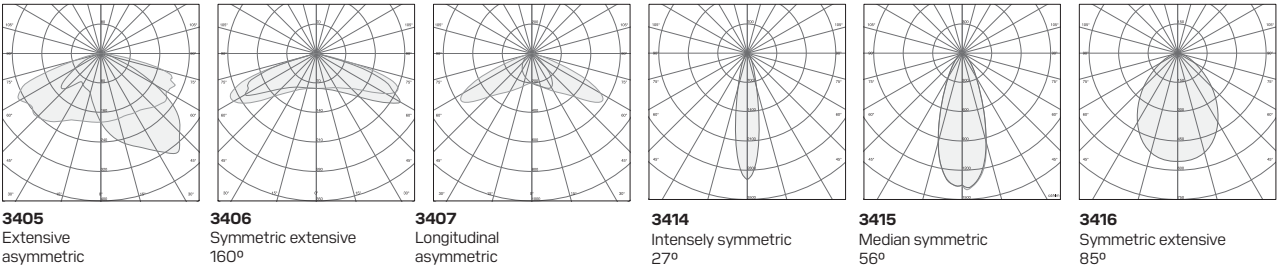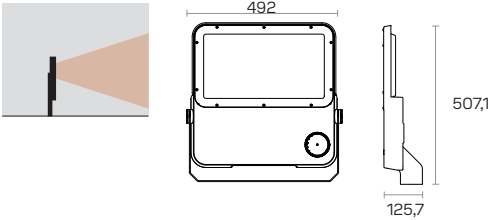
3405 Extensive asymmetric

3406 Symmetric extensive 160º

3407 Longitudinal asymmetric

3414 Intensely symmetric 27º

3415 Median symmetric 56º

3416 Symmetric extensive 85º

DIMENSIONS

492
507,1
125,7

COLOURS

● **BLACK** (02)

● **GREY** (58)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

3000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3414	Lm. System 3415	Lm. System 3416
105	14910	12915	13545	13545	8528	11864	11947
150	28800	25050	26100	26100	12183	16949	17067

4000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3414	Lm. System 3415	Lm. System 3416
105	15645	13650	13650	14280	8977	12489	12576
150	30300	26250	26400	27600	12825	17842	17966

5000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3414	Lm. System 3415	Lm. System 3416
105	16485	14280	14280	14910	9425	13113	13204
150	31800	27600	27600	28950	13466	18734	18864

LIKON eon light system

LED			W			CRI					PF				KG
HIGH POWER	220-240V	50-60 HZ	105 160 200	DRIVER INCLUDED	OPTIONAL	>70	66	08	1700K 3000K 4000K 5000K	9 OPTICS	<0,98	0	CLASS I CLASS II (on request)	100.000 H L80B10	-20º +35º	8,500

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S4331	**02** (Black)	**105** (105 W)	**71** (1700 K)	**EON**	**3405** Extensive asymmetric	**-** ON / OFF Standard	**AM** Marine environment paint
	58 (Grey)	**160** (160 W)	**73** (3000 K)		**3406** Symmetric extensive 160º	**DR** Regulación 1 - 10 V	**ZHAGA** Telegestión
		200 (200 W)	**74** (4000 K)		**3407** Asymmetric longitudinal	**DRD** Driver regulable DALI 2.0	**NEMA** Telegestión
			75 (5000 K)		**3408** Intensive asymmetric	**DRPR** Regulación programada	***SENSORICA** Bajo pedido Integrado en luminaria
					3409 Mean asymmetric	**DN** Midnight	
					3410 Front asymmetric		
					3414 Intensive symmetric 27º		
					3415 Symmetric mean 56º		
					3416 Symmetric extensive 85º		
S4331	58	160	73	EON	3405	DRD	-
Example configuration **S43315816073EON3405DRD**							

OPTICS
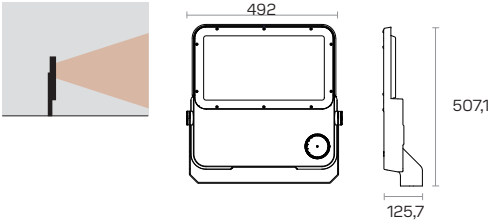
3405
Extensive asymmetric

3406
Symmetric extensive

3407
Asymmetric longitudinal

3408
Intensive asymmetric

3409
Mean asymmetric

3410
Front asymmetric

3414
Intensive symmetric
27º

3415
Symmetric mean
56º

3416
Symmetric extensive
85º

DIMENSIONS

492

507,1

125,7

COLOURS

● **BLACK** (02)

● **GREY** (58)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

1700K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410	Lm. System 3414	Lm. System 3415	Lm. System 3416
105	12810	9135	8715	9345	9555	9135	9660	7644	9730	9560
160	26400	18880	18080	19200	19680	18720	20000	11650	14828	14569
200	39800	28600	27400	29000	29800	28400	30200	14563	18536	18213

3000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410	Lm. System 3414	Lm. System 3415	Lm. System 3416
105	15015	10815	10290	10920	11235	10710	11445	8994	11448	11248
160	31040	22240	21280	22560	23200	22080	23520	13706	17445	17141
200	46800	33600	32200	34200	35000	33400	35600	17134	21808	21428

4000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410	Lm. System 3414	Lm. System 3415	Lm. System 3416
105	15855	11340	10815	11550	11865	11235	11970	9468	12051	11841
160	32640	23520	22400	23840	24480	23200	24800	14428	18364	18044
200	49200	35400	33800	36000	36800	35200	37400	18036	22956	22556

5000K / CRI>70

W	Lm. LED	Lm. System 3405	Lm. System 3406	Lm. System 3407	Lm. System 3408	Lm. System 3409	Lm. System 3410	Lm. System 3414	Lm. System 3415	Lm. System 3410
105	16695	11970	11445	12180	12495	11865	12600	9941	12653	12433
160	34400	24640	23520	24960	25760	24480	26080	15149	19282	18946
200	51800	37200	35600	37800	38800	37000	39400	18937	24103	23683

ESDIUM

CE · RoHS 2011/65/UE · ENAC · PENDING

5 ERA · to 10 EON · 5 LTV · 360° · EON · EON

INDUSTRIAL LIGHTING SYSTEM

High-efficiency luminaire that offers great performance for any type of installation, prepared to be able to place the drivers remotely.

Its great development and versatility allows us to place it in spaces where large light packages are required, with low luminosity losses thanks to its wide variety of optics.

HIGH PERFORMANCE FLOOD LIGHT

IP66 degree of watertightness

PLED protection

Anti-condensation valve

Surge protection

RGBW lighting possible

LED chip ltvlight® sport system for TV broadcasting
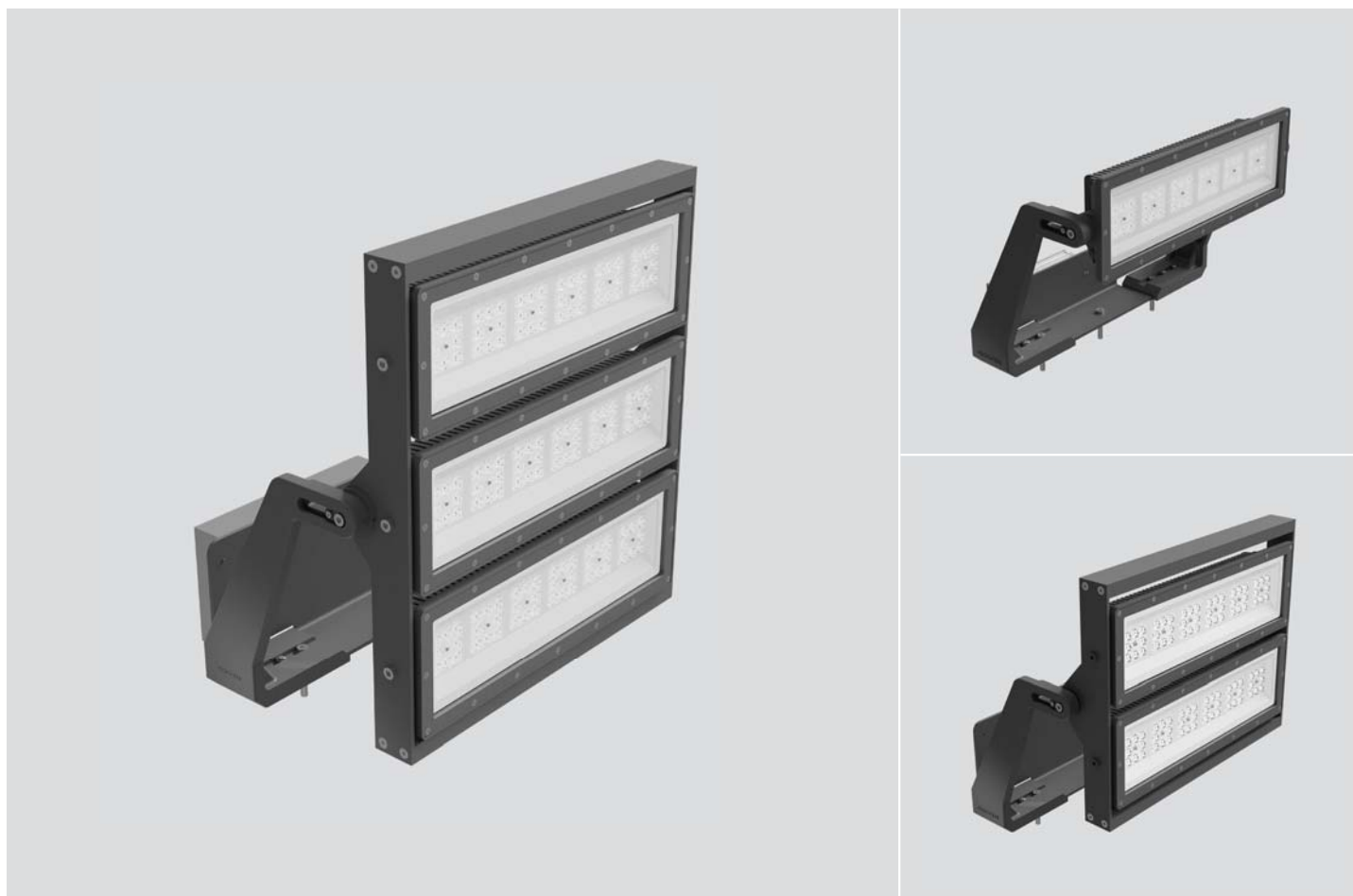
SYSTEMS

ESDIUM eralight® system | **ESDIUM eon**light® system | **ESDIUM ltv**light® sport system

ESDIUM **era**light system

LED			W			CRI					PF					KG
HIGH POWER	220-240V	50-60 HZ	160 320 480	DRIVER INCLUDED	OPTIONAL	>70	66	08 *10 optional	3000K 4000K 5000K	6 OPTICS	>0,98	0	CLASS I	70.000 H L80B10	-40º +35º	S - 9,8 M- 20,2 L - 26,3
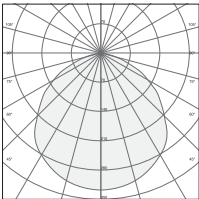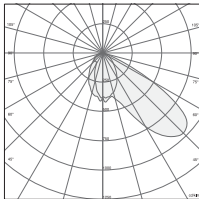
REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S6300	**58** (Grey)	**16** (160 W) S	**73** (3000 K)	**ERA**	**-** Without secondary optics 120º	**-** Regulation 1 - 10 V standard	**AM** Marine environment paint
		32 (320 W) M	**74** (4000 K)		**3501** Front asymmetric 45º	**DRD** Driver programmable DALI 2.0	**IK10** Impact resistance
		48 (480 W) L	**75** (5000 K)		**3502** Intensive symmetric 22º		
					3503 Symmetrical mean 32º		
					3504 Extensive mean symmetric 41º		
					3505 Symmetric extensive 60º		
S6300	**58**	**32**	**74**	**ERA**	**3504**	**DRD**	**IK10**

Example configuration **S6300583274ERA3504DRDIK10**
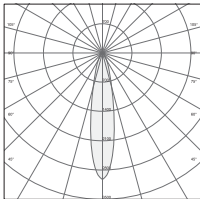
OPTICS
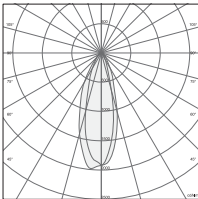
| Sin óptica secundaria 120º | **3501** Front asymmetric | **3502** Intensive symmetric 22º | **3503** Symmetrical mean 32º | **3504** Extensive mean symmetric | **3505** Symmetric extensive |
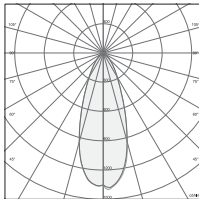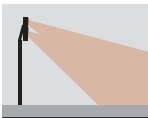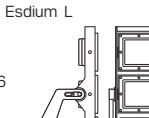
DIMENSIONS
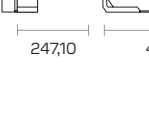
Esdium S
247,10 · 499,23 · 350,43

Esdium M
247,10 · 499,23 · 467,16

Esdium L
289,60 · 517,23 · 539,16

COLOURS

GREY (58)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

3000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3501	Lm. System 3502	Lm. System 3503	Lm. System 3504	Lm. System 3505
160	22808	19701	19850	18093	21649	20009	20976
320	45160	39401	39701	36187	43298	40019	41952
480	68425	59102	59551	54280	64948	60028	62928

4000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3501	Lm. System 3502	Lm. System 3503	Lm. System 3504	Lm. System 3505
160	24008	20738	20895	19046	22789	21062	22080
320	48017	41475	41791	38091	45577	42125	44160
480	72025	62213	62686	57137	68366	63187	66240

5000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3501	Lm. System 3502	Lm. System 3503	Lm. System 3504	Lm. System 3505
160	25022	21829	21995	20048	23988	22171	23242
320	50044	43658	43990	40096	47976	44342	46484
480	75066	65487	65985	60144	71964	66513	69726

ESDIUM eonlight system

LED															
HIGH POWER	220-240V	50-60 HZ	W 158 317 475	DRIVER INCLUDED	OPTIONAL	CRI >70	66	08 *10 optional	3000K 4000K 5000K R/G/B RGBW	8 OPTICS	PF >0,98	0	CLASS I	100.000 H L80B10	-40º +35º	KG S - 9,8 M- 20,2 L - 26,3

REFERENCE GENERATOR
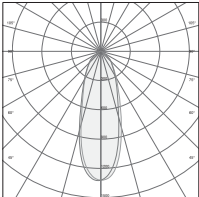
REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S6300	**58** (Grey)	**15** (158 W) S	**73** (3000 K)	**EON**	**3414** Intensive symmetric 31º	**-** Regulación 1 - 10 V estándar	**AM** Marine environment paint
		31 (317 W) M	**74** (4000 K)		**3415** Symmetrical mean 56º	**-** Driver DMX RGBW	**IK10** Impact resistance
		47 (475 W) L	**75** (5000 K)		**3416** Symmetric extensive 84º	**DRD** Driver prom. DALI 2.0	
		12 RGBW (125 W) S	**83**RGBW (3000 K)		**3412** Symmetric extensive		
		25 RGBW (250 W) M	**84**RGBW (4000 K)		**3413** Asymmetric longitudinal		
		35 RGBW (350 W) L	**85**RGBW (5000 K)		**3408** Intensive asymmetric		
		95 Red (95 W) S **19** Red (190 W) M **28** Red (285 W) L	**R** Red		**3409** Mean asymmetric		
		95 Green (95 W) S **19** Green (190 W) M **28** Green (285 W) L	**G** Green		**3410** Front asymmetric		
		95 Blue (95 W) S **19** Blue (190 W) M **28** Blue (285 W) L	**B** Blue		**0** Symmetric 120º R/G/B/W - RGBW		
					8 Symmetric 48º R/G/B/W - RGBW		
					9 Symmetric 11º R/G/B/W - RGBW		
S6300	58	25	**84RGBW**	**EON**	**0**	**-**	**IK10**

Example configuration **S6300582584RGBWEONOIK10**
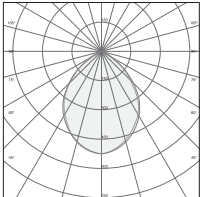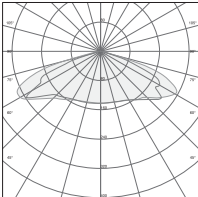
COMPLEMENTS

S4500	DMX wall-mounted control (RGBW)

OPTICS

3414 Intensive symmetric 31º
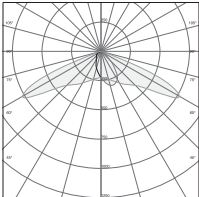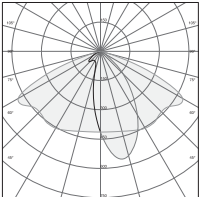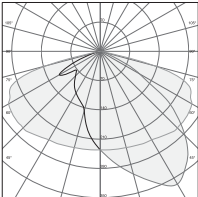
3415 Symmetrical mean 56º

3416 Symmetric extensive 81º

3412 Symmetric extensive

3413 Asymmetric longitudinal

3408 Intensive asymmetric

3409 Mean asymmetric

3410 Front asymmetric

DIMENSIONS

Esdium S

Esdium M

Esdium L

350,43

467,16

539,16

247,10   499,23

247,10   499,23

289,60   517,23

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

3000K / CRI>70

W	Lm. LED	Lm. System 3414	Lm. System 3415	Lm. System 3416	Lm. System 3412	Lm. System 3413	Lm. System 3408	Lm. System 3409	Lm. System 3410
158	17111	13944	14694	15470	14868	13157	15513	15274	15986
317	34223	27887	29387	30940	29736	26313	31026	30548	31972
470	51334	41831	44081	46409	44603	39470	46539	45822	47958

4000K / CRI>70

W	Lm. LED	Lm. System 3414	Lm. System 3415	Lm. System 3416	Lm. System 3412	Lm. System 3413	Lm. System 3408	Lm. System 3409	Lm. System 3410
158	18012	14678	15467	16284	15650	13849	16330	16078	16827
317	36024	29355	30934	32568	31301	27698	32659	32156	33655
470	54036	44033	46401	48852	46951	41547	48989	48233	50482

5000K / CRI>70

W	Lm. LED	Lm. System 3414	Lm. System 3415	Lm. System 3416	Lm. System 3412	Lm. System 3413	Lm. System 3408	Lm. System 3409	Lm. System 3410
158	18960	15450	16281	17141	16474	14578	17189	16924	17713
317	37920	30900	32562	34282	32948	29156	34378	33848	35426
470	56880	46350	48843	51423	49422	43734	51567	50772	53139

ESDIUM ltv light system

LED			W			CRI					PF					KG
HIGH POWER	220-240V	50-60 HZ	160 320 480	DRIVER INCLUDED	OPTIONAL	>90	66	08 *10 optional	3000K 4000K 5000K	6 OPTICS	>0,98	0	CLASS I	70.000 H L80B10	-40º +35º	S - 9,8 M- 20,2 L - 26,3

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S6300	**58** (Grey)	**16** (160 W) S	**93** (3000 K)	LTV	**-** Without secondary optics 120º	**-** Regulation 1 - 10 V standard	**AM** Marine environment paint
		32 (320 W) M	**94** (4000 K)		**3501** Front asymmetric 45º	**DRD** Driver prom. DALI 2.0	**IK10** Impact resistance
		48 (480 W) L	**95** (5000 K)		**3502** Intensive symmetric 22º		
					3503 Symmetrical mean 32º		
					3504 Extensive mean symmetric 41º		
					3505 Symmetric extensive 60º		
S6300	**58**	**320**	**94**	LTV	**3504**	**DRD**	**IK10**

Example configuration **S63005832094LTV3505DRDIK10**

OPTICS
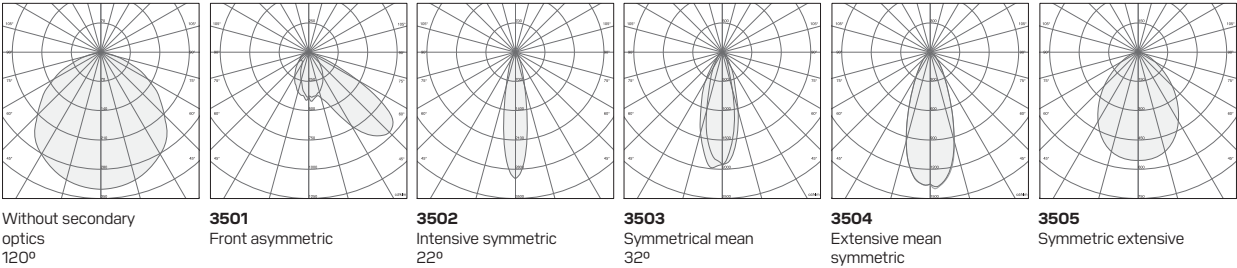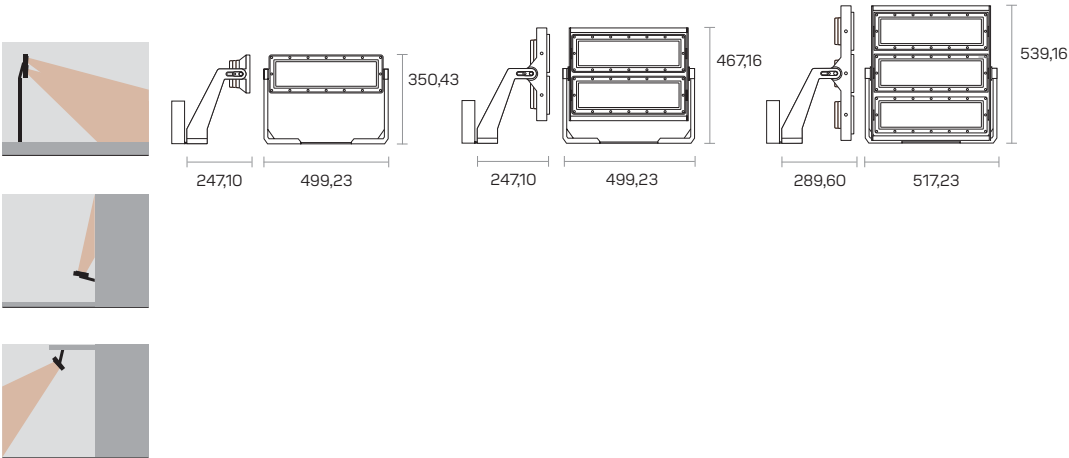
Without secondary optics 120º
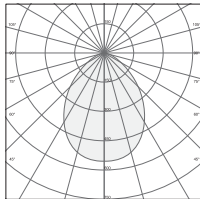
3501 Front asymmetric

3502 Intensive symmetric 22º

3503 Symmetrical mean 32º

3504 Extensive mean symmetric

3505 Symmetric extensive

DIMENSIONS

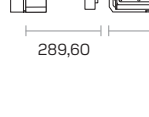350,43
247,10   499,23

467,16
247,10   499,23

539,16
289,60   517,23

COLOURS

GREY (58)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

3000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3501	Lm. System 3502	Lm. System 3503	Lm. System 3504	Lm. System 3505
160	20324	17731	17865	16284	19484	18008	18878
320	40648	35461	35731	32568	38969	36017	37757
480	60972	53192	53596	48852	58453	54025	56635

4000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3501	Lm. System 3502	Lm. System 3503	Lm. System 3504	Lm. System 3505
160	21393	18664	18806	17141	20510	18956	19872
320	42787	37328	37611	34282	41019	37912	39744
480	64181	55991	56417	51423	61529	56869	59616

5000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3501	Lm. System 3502	Lm. System 3503	Lm. System 3504	Lm. System 3505
160	22519	19646	19796	18043	21589	19954	20918
320	45039	39292	39591	36086	43178	39908	41836
480	67559	58938	59387	54130	64768	59862	62753

INNVICTUM

to

5 ERA **10 EON** **5 LTV** **360º**
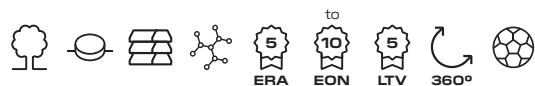
INDUSTRIAL LIGHTING SYSTEM

High power luminaire. This floodlight has been designed to adapt to the different needs and requirements where large luminous packages are required.

Its system of optics allows us to adjust in a simple way to high luminance demands in non-optimal location and installation conditions.

HIGH POWER LIGHTING

DALI dimming as standard

Optional DMX dimming

Anti-condensation valve

PLED protection

High impact PMMA

Surge protection

LED chip ltvlight® sport system for TV broadcasting
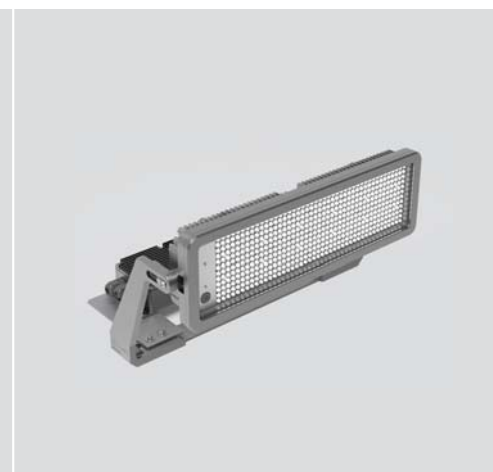
SYSTEMS

INNVICTUM eralight ®
system

INNVICTUM eonlight ®
system

INNVICTUM ltvlight ®
sport system

INNVICTUM **era**light system

LED			W			CRI					PF				KG
HIGH POWER	220-240V	50-60 HZ	422 591 845 1267	DRIVER INCLUDED	OPTIONAL	>70	66	10	3000K 4000K 5000K	6 OPTICS	>0,98	0	CLASS I	70.000 H L80B10	-40° +35°	S - 20 M - 30 L - 35

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S6400	**58** (Grey)	**42** (422 W) S	**73** (3000 K)	**ERA**	**-** Without secondary optics 120°	**-** DRD Driver prom. Dali standard	**LASER** Laser guidance modules
		59 (591 W) M	**74** (4000 K)		**3501** Front asymmetric	**DMX** Driver prom. DMX M (845w) / L (1267w)	
		84 (845 W) M	**75** (5000 K)		**3502** Intensive symmetric 22°		
		126 (1267 W) L			**3503** Symmetrical mean 32°		
					3504 Symmetrical mean		
					3505 Symmetric extensive		
S6400	**58**	**59**	**74**	**ERA**	**3504**	**DMX**	**-**

Example configuration **S6400585974ERA3504DMX**

OPTICS

| Without secondary optics 120° | **3501** Front asymmetric | **3502** Intensive symmetric 22° | **3503** Symmetrical mean 32° | **3504** Symmetrical mean | **3505** Symmetric extensive |

DIMENSIONS

S (1 Module)

800   445   370

M (2 Modules) / L (3 Modules)

800   445   756

COLOURS

GREY (58)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

3000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3501	Lm. System 3502	Lm. System 3503	Lm. System 3504	Lm. System 3505
422	60820	52532	52929	48243	57730	53355	55933
591	85149	73545	74100	67541	80823	74697	78306
845	121641	105065	105859	96487	115462	106711	111866
1267	182463	157597	158788	144731	173192	160067	167799

4000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3501	Lm. System 3502	Lm. System 3503	Lm. System 3504	Lm. System 3505
422	64022	55297	55715	50783	60769	56164	58877
591	89631	77416	78001	71096	85077	78629	82428
845	128044	110595	111431	101566	121539	112328	117754
1267	192067	165892	167146	152349	182308	168492	176631

5000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3501	Lm. System 3502	Lm. System 3503	Lm. System 3504	Lm. System 3505
422	67392	58208	58648	53456	63968	59120	61976
591	94348	81491	82107	74838	89555	82768	86766
845	134784	116416	117296	106912	127936	118240	123952
1267	202176	174624	175944	160368	191904 +	177360	185928

INNVICTUM eon light system

LED		50-60 HZ	W		OPTIONAL	CRI				8 OPTICS	PF		CLASS		KG
HIGH POWER	220-240V	50-60 HZ	422 591 845 1267	DRIVER INCLUDED	OPTIONAL	>70	66	10	3000K 4000K 5000K	8 OPTICS	>0,98	0	CLASS I	100.000 H L80B10	-40° +35°	S - 20 M - 30 L - 35
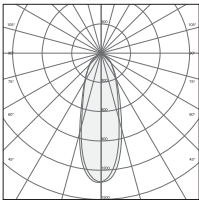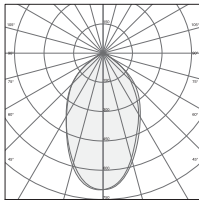
REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S6400	**58** (Grey)	**42** (422 W) S	**73** (3000 K)	**EON**	**3414** Intensive symmetric 31°	**-** DRD Driver prom. Dali standard	**LASER** Laser guidance modules
		59 (591 W) M	**74** (4000 K)		**3415** Symmetrical mean 56°	**DMX** Driver prom. DMX M (845w) / L (1267w)	
		84 (845 W) M	**75** (5000 K)		**3416** Simétrica extensiva 84°		
		126 (1267 W) L			**3412** Symmetric extensive		
					3413 Asymmetric longitudinal		
					3408 Intensive asymmetric		
					3409 Mean asymmetric		
					3410 Front asymmetric		
S6400	**58**	**59**	**74**	**EON**	**3416**	**DMX**	**-**

Example configuration **S6400585974EON3416DMX**
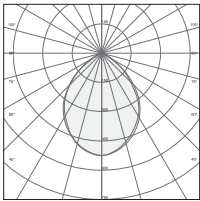
OPTICS
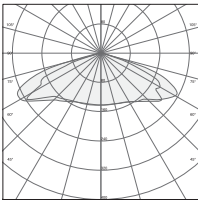
3414 Intensive symmetric 31°
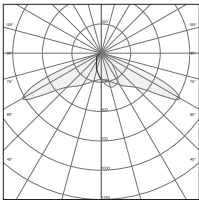
3415 Symmetrical mean 56°
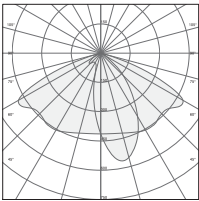
3416 Symmetric extensive 81°
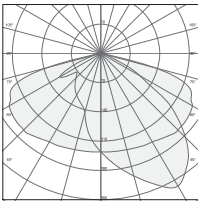
3412 Symmetric extensive
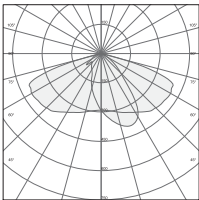
3413 Asymmetric longitudinal

3408 Intensive asymmetric

3409 Mean asymmetric

3410 Front asymmetric

DIMENSIONS

S (1 Module)

800 | 445

370

M (2 Modules) / L (3 Modules)

800 | 445

756
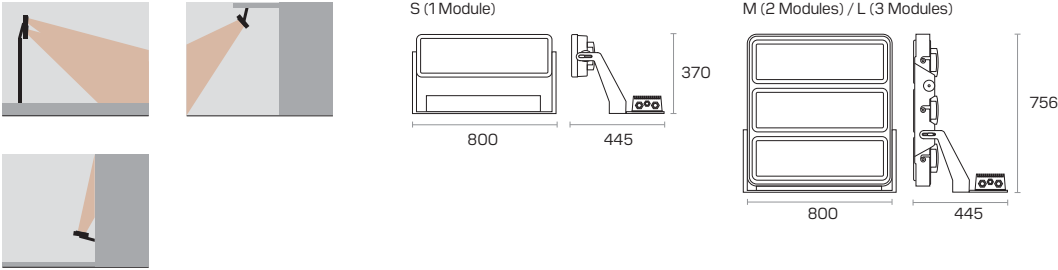
COLOURS

● **GREY** (58)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

3000K / CRI>70

W	Lm. LED	Lm. System 3414	Lm. System 3415	Lm. System 3416	Lm. System 3412	Lm. System 3413	Lm. System 3408	Lm. System 3409	Lm. System 3410
422	45630	37183	39183	41248	39645	35082	41363	40728	42627
591	63882	52056	54856	57747	55503	49115	57909	57019	59678
845	91260	74366	78366	82496	79290	70164	82727	81456	85254
1267	136891	111549	117549	123744	118935	105246	124090	122184	127881

4000K / CRI>70

W	Lm. LED	Lm. System 3414	Lm. System 3415	Lm. System 3416	Lm. System 3412	Lm. System 3413	Lm. System 3408	Lm. System 3409	Lm. System 3410
422	48032	39140	41245	43419	41732	36928	43540	42872	44870
591	67244	54796	57743	60786	58424	51700	60957	60020	62819
845	96064	78280	82490	86838	83463	73857	87081	85743	89741
1267	144096	117420	123736	130256	125195	110785	130621	128615	134611

5000K / CRI>70

W	Lm. LED	Lm. System 3414	Lm. System 3415	Lm. System 3416	Lm. System 3412	Lm. System 3413	Lm. System 3408	Lm. System 3409	Lm. System 3410
422	50560	41200	43416	45704	43928	38872	45832	45128	47232
591	70784	57680	60782	63986	61499	54421	64165	63179	66125
845	101120	82400	86832	91408	87856	77744	91664	90256	94464
1267	151680	123600	130248	137112	131784	116616	137496	135384	141696

INNVICTUM ltv light system

| HIGH POWER | 220-240V | 50-60 HZ | 422 591 845 1267 | DRIVER INCLUDED | OPTIONAL | >90 | 66 | 10 | 3000K 4000K 5000K | 6 OPTICS | >0,98 | 0 | CLASS I | 70.000 H L80B10 | -40º +35º | S - 20 M - 30 L - 35 |

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S6400	**58** (Grey)	**42** (422 W) S	**93** (3000 K)	LTV	**-** Without secondary optics 120º	**-** DRD Driver prom. Dali standard	**LASER** Laser guidance modules
		59 (591 W) M	**94** (4000 K)		**3501** Front symmetrical	**DMX** Driver prom. DMX M (845w) / L (1267w)	
		84 (845 W) M	**95** (5000 K)		**3502** Intensive symmetric 22º		
		126 (1267 W) L			**3503** Symmetrical mean 32º		
					3504 Symmetrical mean		
					3505 Symmetric extensive		
S6400	**58**	**59**	**94**	**LTV**	**3502**	**DMX**	**LASER**

Example configuration **S6400585994LTV3502DMXLASER**

OPTICS

| Without secondary optics 120º | **3501** Front symmetrical | **3502** Intensive symmetric 22º | **3503** Symmetrical mean 32º | **3504** Symmetrical mean | **3505** Simétrica extensiva |

DIMENSIONS

800   445   370

800   445   756

COLOURS

● **GREY** (58)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

3000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3501	Lm. System 3502	Lm. System 3503	Lm. System 3504	Lm. System 3505
422	54738	47278	47635	43418	51957	48019	50339
591	76633	66190	66690	60786	72740	67227	70474
845	109477	94558	95272	86838	103914	96040	100679
1267	164217	141836	142909	130258	155873	144059	151019

4000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3501	Lm. System 3502	Lm. System 3503	Lm. System 3504	Lm. System 3505
422	57619	49767	50143	45704	54692	50547	52989
591	80667	69674	70201	63986	76569	70766	74184
845	115239	99535	100287	91409	109384	101095	105978
1267	172860	149302	150431	137114	164077	151642	158968

5000K / CRI>70

W	Lm. LED	Lm. System 120º	Lm. System 3501	Lm. System 3502	Lm. System 3503	Lm. System 3504	Lm. System 3505
422	60652	52387	52783	48110	57571	53208	55778
591	84913	73342	73896	67354	80599	74491	78089
845	121305	104774	105566	96220	115142	106416	111556
1267	181958	157161	158349	144331	172713	159624	167335
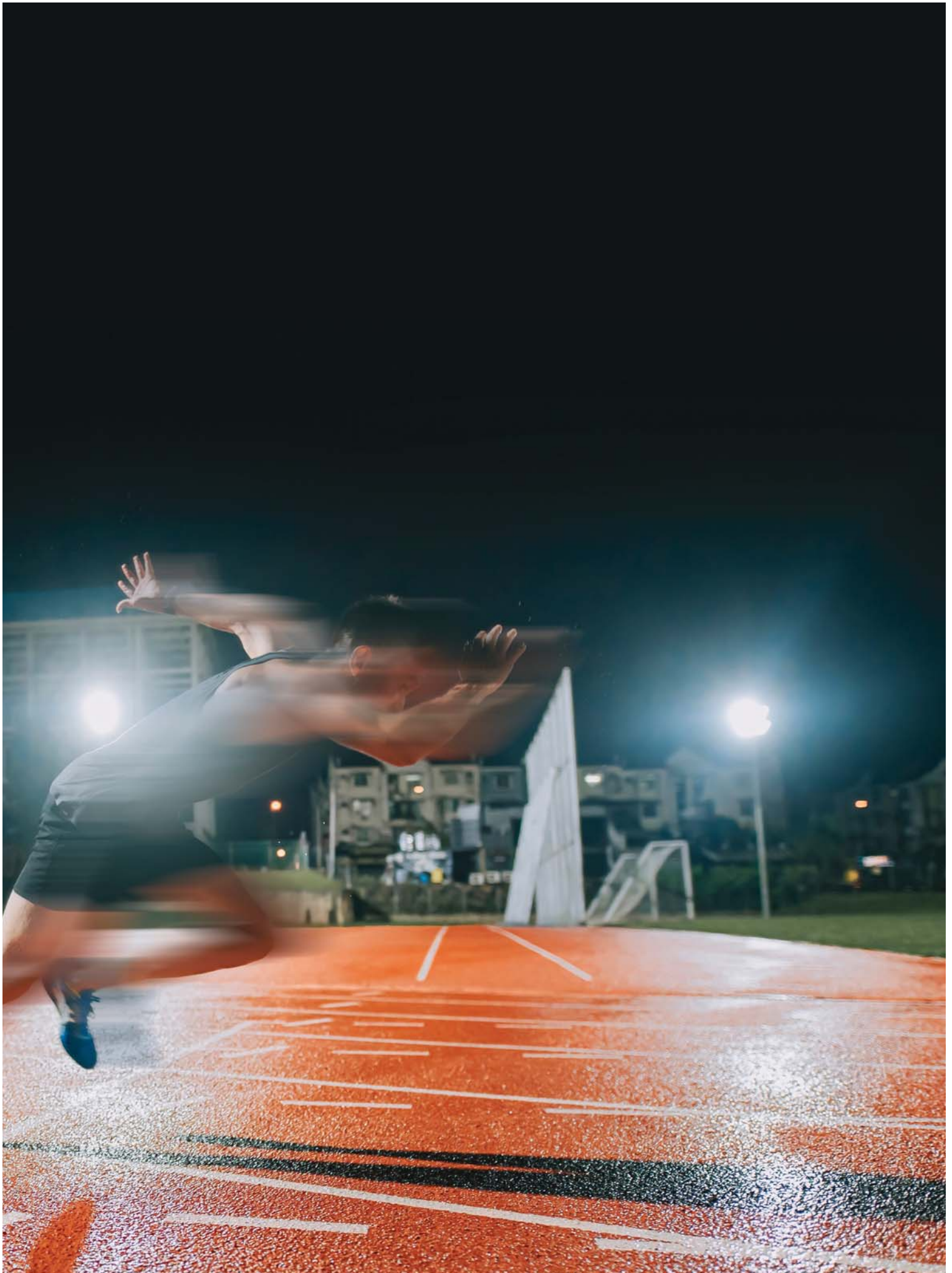
BERNA SUPRA

INDUSTRIAL
LIGHTING
SYSTEM

High-quality indoor/outdoor weatherproof
screen, luminaire with superior light output,
perfect to satisfy any lighting project.

FAMILY

BERNA SUPRA · S	105 x 100 x 665 mm	**BERNA SUPRA** · M	105 x 100 x 1270 mm	**BERNA SUPRA** · L	105 x 100 x 1570 mm
	surface		surface		surface
	15 W		35 / 75 W		55 / 115 W

BERNA SUPRA

LED MID POWER	220-240V	50-60 HZ	W 15 35 55 75 115	DRIVER INCLUDED	OPTIONAL	CRI >80	65	08	3000K 4000K 5700K	1 OPTICS	PF <0,95	0	CLASS I	50.000 H L80B10	-20º +35º	KG S - 1,05 M - 1,25 L - 1,60

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S907	58 (Grey)	15 (20 W) S	83 (3000 K)	-	- Without secondary optics 120º	- ON / OFF Standard	CCC Metal clasp (unit)
		35 (40 W) M	84 (4000 K)			DR Driver adjustable1-10v	KE1 Emergency kit 1 h. autonomy
		75 (76 W) M	85 (5700 K)			DRD Driver prom. DALI 2.0	KE3 Emergency kit 3 h. autonomy
		55 (60 W) L					AT3 Emergency kit 3 h. autonomy (autotest)
		115 (115 W) L					
S907	58	35	84	-	-	DRD	KE1

Example configuration **S907583584DRDKE1**

COMPLEMENTS

S3329A	Sensor in Dali 2.0 presence flux luminaire (requires DRD)

OPTICS

Without secondary optics 120º

DIMENSIONS

S 665 / M 1270 / L 1570

105

100

COLOURS

● **GREY** (58)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

| 3000K / CRI>80			4000K / CRI>80			5700K / CRI>80		
W	Lm. LED	Lm. System	W	Lm. LED	Lm. System	W	Lm. LED	Lm. System
20	3069	2426	20	3222	2476	20	3383	2527
40	6140	4880	40	6447	4980	40	6769	5082
60	9004	7333	60	9454	7483	60	9926	7636
76	10805	8589	76	11345	8765	76	11912	8944
115	16850	12925	115	17692	13302	115	18576	13980

ALIKET BASIC WATERPROOF

INDUSTRIAL LIGHTING SYSTEM

Solution for linear lighting under all types of environmental conditions, it has an IP65 degree of watertightness and is manufactured in PC (polycarbonate), a material resistant to water, dust and corrosion.

Optimum lighting results thanks to its system of union between luminaires and prismatic finish to reduce glare.

ALIKET BASIC WATERPOROOF

55 x 1550 mm
surface
suspension
50 W

ALIKET BASIC ESTANCO

| LED MID POWER | 220-240V | 50-60 HZ | W 50 | DRIVER INCLUDED | - | CRI >80 | 65 | 3000K 4000K 5700K | 1 OPTIC | - | PF <0,95 | 0 | CLASS I | 50.000 H L80B10 | -20º +35º | KG 1,600 |

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	MODULE	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S038	01 (White)	50 (50 W)	83 (3000 K)	MC Closed module	-	- with secondary optics 80º	- ON / OFF Standard	1404 Suspension kit chain 1000 mm
			84 (4000 K)	MP Principle module				1405 Suspension kit chain 2000 mm
			85 (5700 K)	MI Intermediate module				1406 Suspension kit chain 3000 mm
				MF Final module				1407 Suspension kit cable 1500 mm
								1408 Telesc. susp. kit. 800-1400 mm
S038	01	50	84	MP	-	-	-	1404

Example configuration **S038015084MP1404**

OPTICS

-
80º
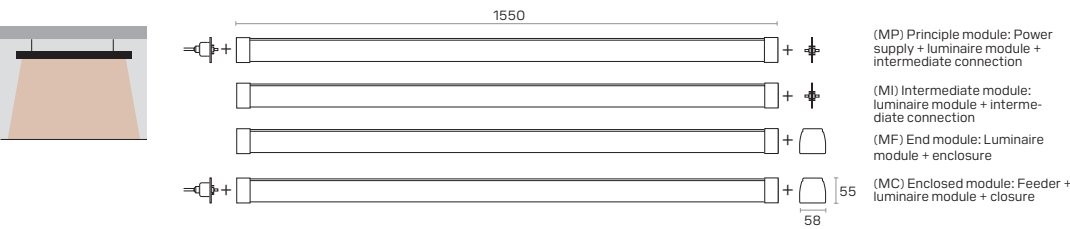
DIMENSIONS

1550

(MP) Principle module: Power supply + luminaire module + intermediate connection

(MI) Intermediate module: luminaire module + intermediate connection

(MF) End module: Luminaire module + enclosure

(MC) Enclosed module: Feeder + luminaire module + closure

55
58

COLOURS

WHITE (O1)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

3000K / CRI>80

W	Lm. LED	Lm. System
50	7400	5586

4000K / CRI>80

W	Lm. LED	Lm. System
50	7700	5820

5700K / CRI>80

W	Lm. LED	Lm. System
50	7960	6010

CAMPANAS ATEX
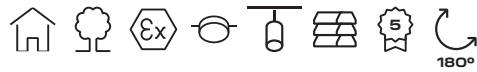
LIGHTING SYSTEM FOR EXPLOSIVE ATMOSPHERES

The ATEX family of luminaires are designed to operate in explosion risk zones, complying with the ATEX directive 2014/34/EU, which is applicable in the European Union.

ATEX gas category:
II 2 G Ex db IIC T6 Gb ECM 18 ATEX 2599
ATEX category dust:
II 2 D Ex tb IIIC T80oC Db ECM 18 ATEX 259Zon 1 / 2

HIGH-STRENGTH AND RESISTANCE LUMINAIRE

Reinforced aluminium structure

Safety glass

Installation by means of a loop (included in product) or by means of a threaded tube (not included in product)

FAMILY

ATEX10	173 x 153 mm	**ATEX20**	180 x 235 mm	**ATEX30**	356 x 290 mm
	10 / 20 / 30 W		20 / 30 / 40 W		100 / 150 W

ATEX10

| MID POWER | 220-240V | 50-60 HZ | 10 20 30 | DRIVER INCLUDED | - | >70 | 66 | 08 | 5700K | 1 OPTIC | <0,95 | 0 | CLASS I | 100.000 H (L80B10) | -30º +50º | 3,2 |

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
SATEX10 (10 W)	**58** (Grey)	**10** (10 W)	**85** (5700 K)	-	**-** Without secondary optics 120º	**-** ON / OFF Standard	**-**
		20 (20 W)					
		30 (30 W)					
SATEX10	-	20	-	-	-	-	-

Example configuration **SATEX1020**

OPTICS
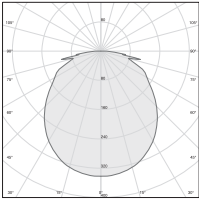
-
120º
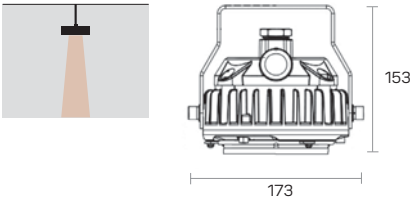
DIMENSIONS

153

173

COLOURS

● **GREY** (58)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

5700K / CRI>70

W	Lm. LED	Lm. System
10	1540	1400
20	3100	2816
30	4650	4200

ATEX20

LED MID POWER	220-240V	50-60 HZ	W 20 30 40	DRIVER INCLUDED	-	CRI >70	66	08	5700K	1 OPTIC	PF <0,95	0	CLASS I	100.000 H (L80B10)	-30° +50°	3,2

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
SATEX20	58 (Grey)	20 (20 W)	85 (5700 K)	-	- Without secondary optics 140°	- ON / OFF Standard	-
		30 (30 W)					
		40 (40 W)					
SATEX20	-	30	-	-	-	-	-
Example configuration **SATEX2030**							

OPTICS
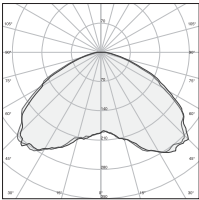
-
140°

DIMENSIONS
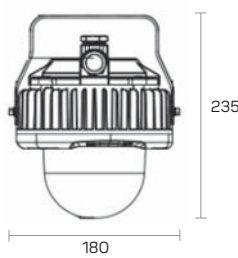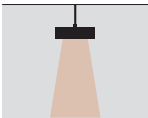
235
180

COLOURS

● **GREY** (58)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

5700K / CRI>70

W	Lm. LED	Lm. System
20	3150	2860
30	4750	4300
40	6300	5700

ATEX3O

LED																
MID POWER	220-240V	50-60 HZ	100 150	DRIVER INCLUDED	-	>70	66	08	5700K	1 OPTIC	<0,95	0	CLASS I	100.000 H (L80B10)	-30º +50º	8,8

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
SATEX30	**58** (Grey)	**10** (100 W)	**85** (5700 K)	-	- Without secondary optics 95º	- ON / OFF Standard	-
		15 (150 W)					
SATEX30	-	**10**	-	-	-	-	-
Example configuration **SATEX3010**							

OPTICS
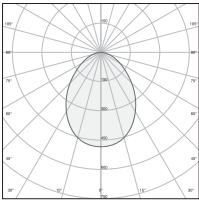
-
95º
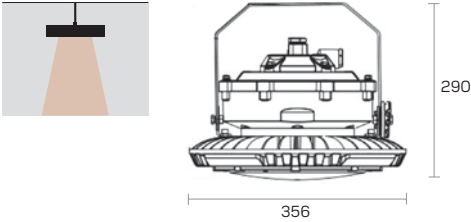
DIMENSIONS

290

356

COLOURS

GREY (58)

## SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

5700K / CRI>70

W	Lm. LED	Lm. System
100	11520	10470
150	17270	15700

PROYECTORES ATEX
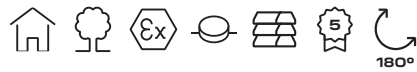
CE RoHS ♻

🏠 🌳 ⟨Ex⟩ ⊙ ▤ 🏅 ↻
180°

LIGHTING SYSTEM FOR EXPLOSIVE ATMOSPHERES

The ATEX family of luminaires are designed to operate in explosion risk zones, complying with the ATEX directive 2014/34/EU, which is applicable in the European Union.

ATEX gas category:
II 2 G Ex db IIC T6 Gb ECM 18 ATEX 2599 ATEX category dust:
II 2 D Ex tb IIIC T80oC Db ECM 18 ATEX 259

Zon 1 / 2

HIGH-STRENGTH AND ROBUST LUMINAIRE

Reinforced aluminium structure

Safety glass

Installation by means of a loop (included in product) or by means of a threaded tube (not included in product)
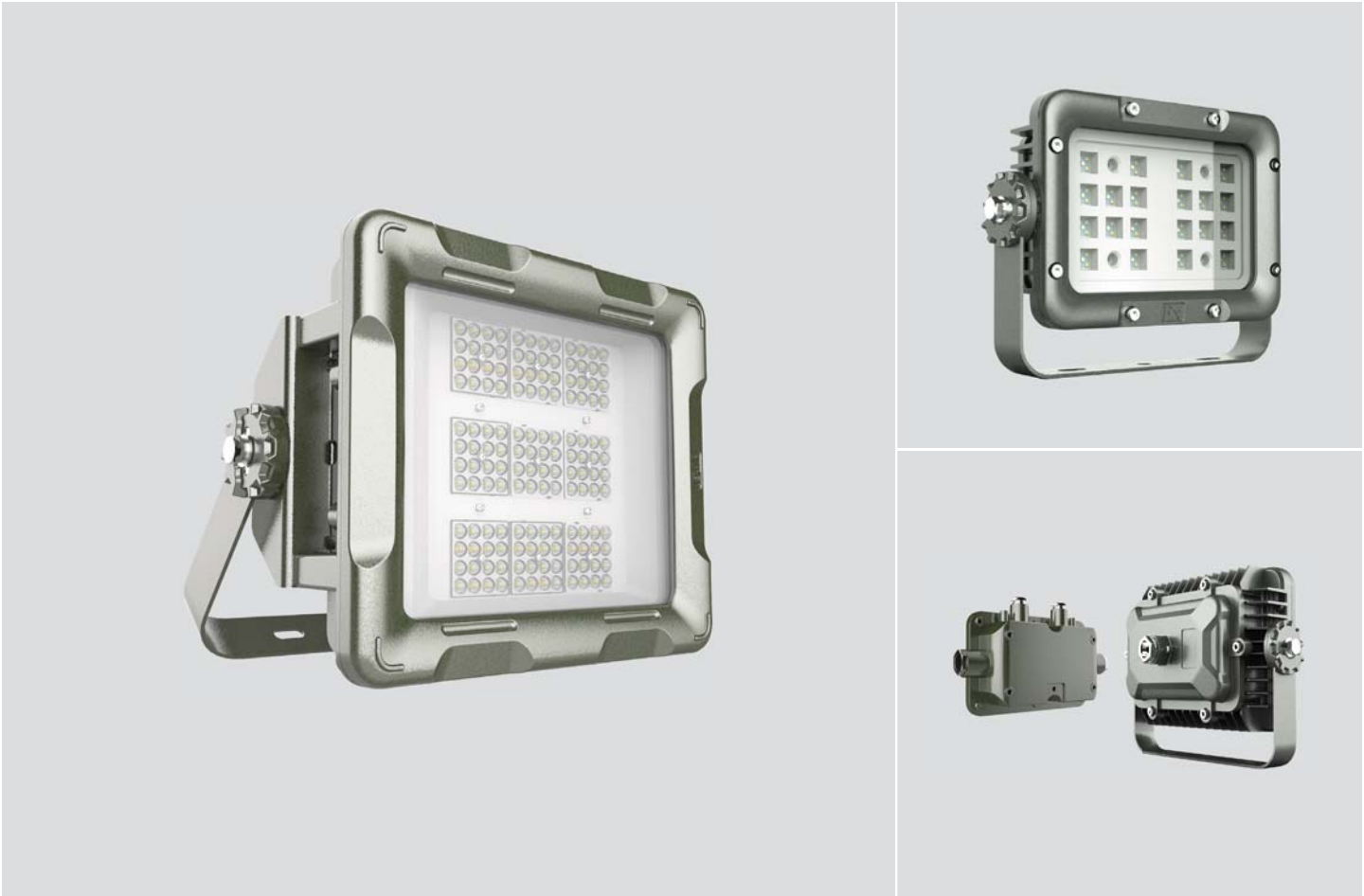
FAMILY

ATEX40	167 x 300 mm	**ATEX50**	276 x 374 mm
	30 / 50 / 70 W		100 / 150 200 W

ATEX40 / Emergency flood light

| LED MID POWER | 220-240V | 50-60 HZ | W 30 50 70 | DRIVER INCLUDED | - | CRI >70 | 66 | 08 | 5700K | 1 OPTIC | PF <0,95 | 0 | CLASS I | 100.000 H L80B10 | -30º +50º | KG 9 |
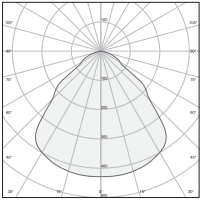
REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
SATEX40	58 (Grey)	30 (30 W)	85 (5700 K)	-	- With secondary optics 90º	- ON / OFF Standard	-
		50 (50 W)					
		70 (70 W)					
SATEX40	-	50	-	-	-	-	-

Example configuration **SATEX4050**
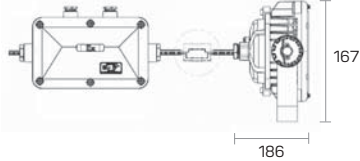
OPTICS

-
90º

DIMENSIONS

167

186

COLOURS

● **GREY** (58)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

5700K / CRI>70

W	Lm. LED	Lm. System
30	3700	3360
50	6160	5600
70	8600	7800

ATEX50

LED			W			CRI					PF						KG
MID POWER	220-240V	50-60 HZ	100 150 200	DRIVER INCLUDED	-	>70	66	08	5700K	1 OPTIC	<0,95	0	CLASS I	100.000 H L80B10	-30º +50º	8,8

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
SATEX50	**58** (Grey)	**10** (100 W)	**85** (5700 K)	-	**-** Without secondary optics 60º	**-** ON / OFF Standard	**-**
		15 (150 W)					
		20 (200 W)					
SATEX50	-	**15**	-	-	-	-	-

Example configuration **SATEX5015**

OPTICS
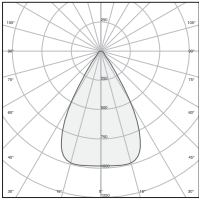
-
60º
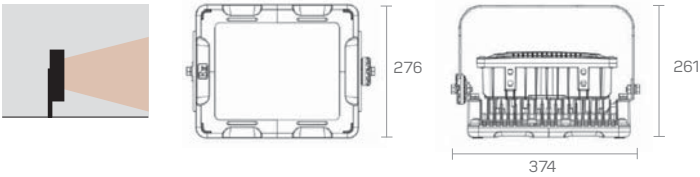
DIMENSIONS

276

261

374

COLOURS

GREY (58)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +-10% luminaire wattage

5700K / CRI>70

W	Lm. LED	Lm. System
100	12000	10850
150	17900	16275
200	23900	21700
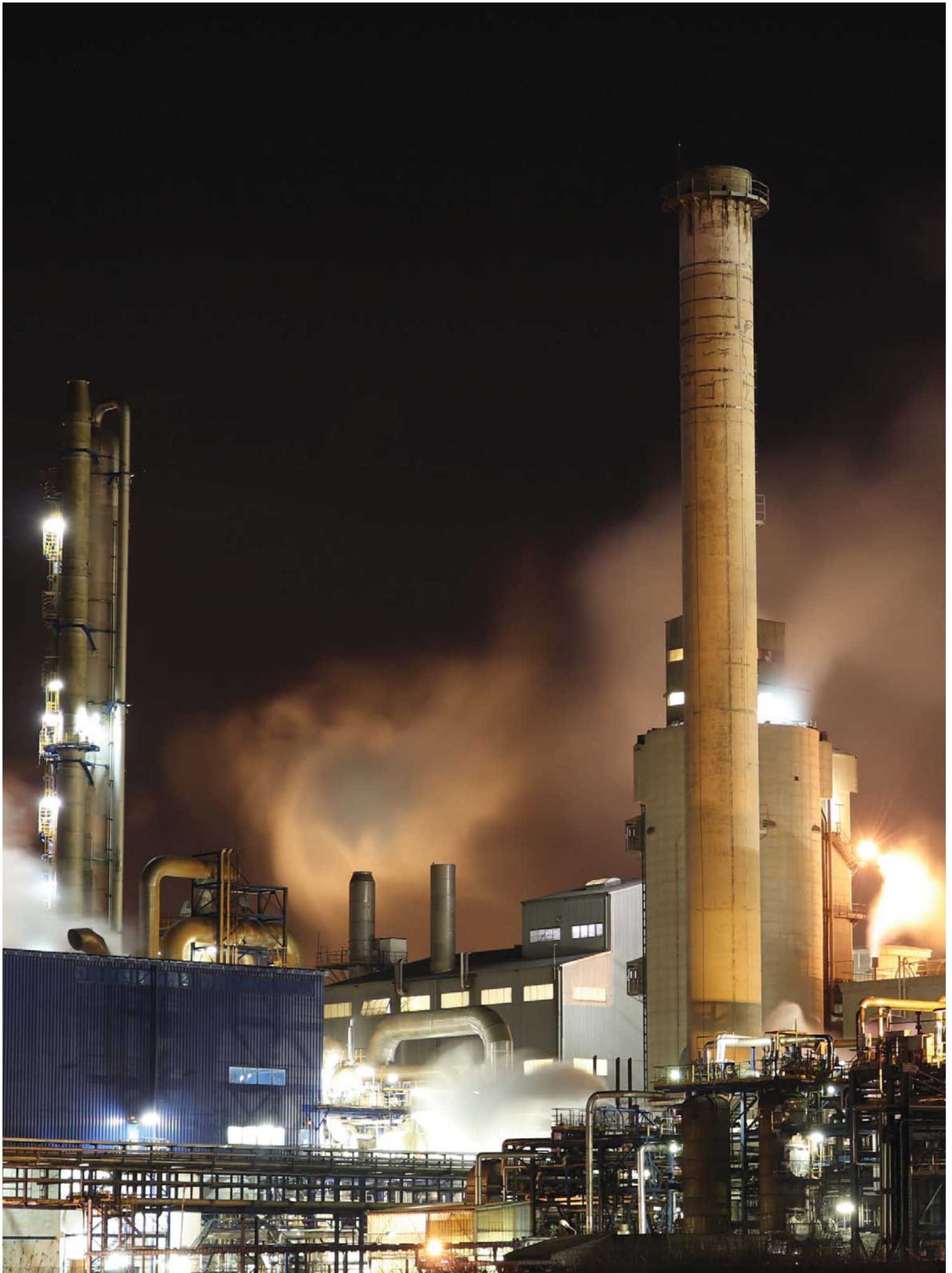
PANTALLAS ATEX
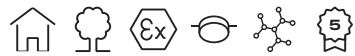
CE RoHS 2011/65/UE ♻

LIGHTING SYSTEM FOR EXPLOSIVE ATMOSPHERES

The ATEX family of luminaires are designed to operate in explosion risk zones, complying with the ATEX directive 2014/34/EU, which is applicable in the European Union.

ATEX908
ATEX category gas: II 3G Ex nR IIC T5 Gc ATEX category dust: II 3D Ex tc IIIC T100oC Dc
Zone 1

ATEX909
ATEX category gas: II 2G Ex db IIB+H2 T6 Gb ATEX category dust: II 2D Ex tb IIIC T85oC Db
Zone 1/2

HIGH-STRENGTH AND ROBUST LUMINAIRE

High-strength injected polycarbonate (ATEX908)

Safety glass tube (ATEX909)

FAMILY

ATEX908		**ATEX909**	
M	100 x 664 mm	M	150 x 748 mm
L	16 W	L	28 W
XL	100 x 1274 mm	XL	150 x 1357 mm
	32 W		32 W
	100 x 1575 mm		150 x 1659 mm
	40 W		40 W

ATEX908

| LED MID POWER | 220-240V | 50-60 HZ | W 16 32 40 | DRIVER INCLUDED | - | CRI >80 | 66 | 07 | 3000K 4000K 5000K | 1 OPTIC | PF <0,95 | 0 | CLASS I | 50.000 H L80B10 | -20º +50º | KG M - 1,5 L - 3 XL - 3,5 |

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
SATEX908	58 (Grey)	16 (16 W) M	83 (3000 K)	-	- Without secondary optics 120º	- ON / OFF Standard	-
		32 (32 W) L	84 (4000 K)			DRD Driver prom. DALI	KE1 Emergency kit 1 h. autonomy
		40 (40 W) XL	85 (5000 K)				
SATEX908	-	32	84	-	-	-	-

Example configuration **SATEX9083284**

OPTICS

-
120º

DIMENSIONS

110

100

M 664 (**16w**) / L 1274 (**32w**) / XL 1575 (**40w**)

COLOURS

● **GREY** (58)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

3000K / CRI>80

W	Lm. LED	Lm. System
16	2820	2560
32	5650	5120
40	6950	6310

4000K / CRI>80

W	Lm. LED	Lm. System
16	2950	2670
32	5870	5340
40	7400	6700

5000K / CRI>80

W	Lm. LED	Lm. System
16	2950	2670
32	5870	5340
40	7400	6700

ATEX909

LED	⚡	〰️	W	🔌	-	CRI	💧	✳️	📐	💡	PF	👁️	⏚	🕐	🌡️	KG
MID POWER	220-240V	50-60 HZ	28 55 70	DRIVER INCLUDED	-	>80	66	10	4000K 5000K	1 OPTIC	<0,95	0	CLASS I	50.000 H L80B10	-20º +50º	M - 9,7 L - 11,5 XL - 12,3

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
SATEX909	58 (Grey)	28 (28 W) M	83 (3000 K)	-	- Without secondary optics 120º	- ON / OFF Standard	-
		55 (55 W) L	84 (4000 K)			DRD Driver prom. DALI	KE1 Emergency kit 1 h. autonomy
		70 (70 W) XL	85 (5000 K)				
SATEX909	-	55	84	-	-	-	-

Example configuration **SATEX9095584**

COMPLEMENTS

Including fixing flanges and metal cable glands

OPTICS

-
120º

DIMENSIONS

150 Ø

M 748 / L 1357 / XL 1659

COLOURS

⚫ **GREY** (58)

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

4000K / CRI>80

W	Lm. LED	Lm. System
28	4750	4300
55	9500	8600
70	11850	10740

5000K / CRI>80

W	Lm. LED	Lm. System
28	4750	4300
55	9500	8600
70	11850	10740

ESDIUM TUNNEL

TUNNEL LIGHTING SYSTEM

Exterior lighting system, equipped with LED technology, ideal for tunnels as the driver's visual perception is not impaired.

High-performance luminaire that guarantees drivers, both day and night, that their visual perception is not impaired, ensuring that the light level at the entrance or exit of the tunnel does not vary too much.

SYSTEM

ESDIUM eonlight®
system

ESDIUM TUNNEL **eon**light system
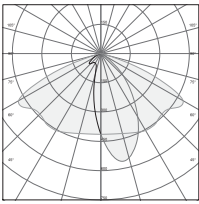
LED HIGH POWER	220-240V	50-60 HZ	W 158 317	OPTIONAL	CRI >70	66	08 *10 optional	3000K 4000K 5000K	3 OPTICS	PF <0,95	0	CLASS I	100.000 H L80B10	-40º +35º	-	KG S - 9,8 M- 20,2

REFERENCE GENERATOR
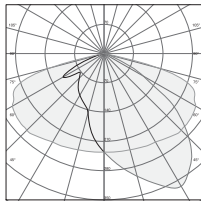
REF. PRODUCT	COLOUR	POWER (W)	COLOUR TEMP.	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S3300	**58** (Grey)	**15** (158 W) S	**73** (3000 K)	**EON**	**3408** Intensive asymmetric	**-** Regulation 1 - 10 V standard	**IK10** Impact resistance
		31 (317 W) M	**74** (4000 K)		**3409** Mean asymmetric	**DRD** Driver adjustable DALI 2.0	**AM** Marine environment paint
			75 (5000 K)		**3410** Front asymmetric		
					3412 Symmetric extensive		
					3417 Longitudinal symmetric		
S3300	**58**	**15**	**74**	**-**	**3409**	**DRD**	**IK10**

Example configuration **S33005815743409DRDIK10**
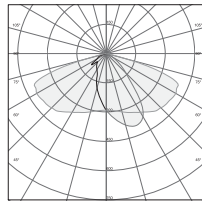
OPTICS
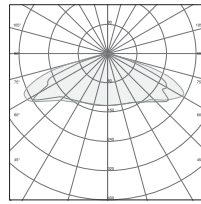
3408 Intensive asymmetric
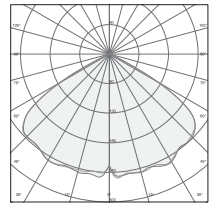
3409 Mean asymmetric

3410 Front asymmetric

3412 Symmetric extensive

3417 Longitudinal symmetric tunnel

DIMENSIONS
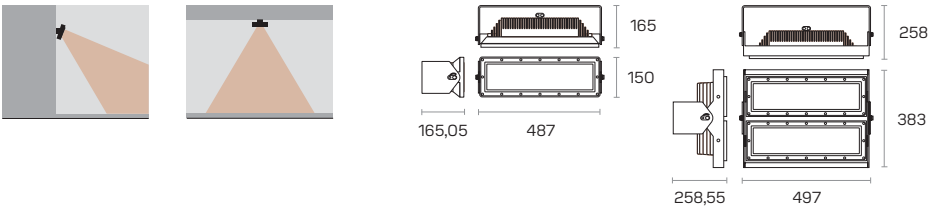
165
150
165,05
487

258
383
258,55
497

COLOURS

GREY (58)

*Other RAL colours on request.

SYSTEM FLUX DEPENDING ON OPTICAL VERSION

*Tolerances: +-7% LED flux / +- 10% luminaire wattage

3000K / CRI>70

W	Lm. LED	Lm. System 3408	Lm. System 3409	Lm. System 3410	Lm. System 3412	Lm. System 3417
158	17111	15513	15274	15986	14868	14868
317	34223	31026	30548	31972	29736	29736

4000K / CRI>70

W	Lm. LED	Lm. System 3408	Lm. System 3409	Lm. System 3410	Lm. System 3412	Lm. System 3417
158	18012	16330	16078	16827	15650	15650
317	36024	32659	32156	33655	31301	31301

5000K / CRI>70

W	Lm. LED	Lm. System 3408	Lm. System 3409	Lm. System 3410	Lm. System 3412	Lm. System 3417
158	18960	17189	16924	17713	16474	16474
317	37920	34378	33848	35426	32948	32948

Light plays a very important role in the life of plants.

Photosynthesis is highly conditioned by the quality and quantity of radiation they receive, which is why new technologies facilitate the necessary radiation for the development of plantations, increasing productivity and product quality.

The units of measurement that we traditionally use in the lighting industry are no longer useful when it comes to plant lighting, why?

Simply because humans and plants do not 'see' in the same way, and incidentally, we are not interested in light for the same reasons. Traditional measures of lighting, such as lumens and luxes, measure the amount of luminous flux, and when we use these measures, for all practical purposes we are interested in our visual comfort.

Therefore, when we talk about light and plants, what we are interested in is how many photons we are going to supply to the plant so that the plant is in its optimal energetic condition. Botanists have agreed that the measure is the micromole of photons.

The symbol for micromol is constructed by adding the Greek letter 'mu' (μ) as a prefix to the word mol: μmol.

On the other hand, as each photon travels at a certain wavelength and energy, not all energy ranges and wavelengths associated with photons are valid for plants. Plants can use photons that fall within the PAR (Photosynthetically Active Radiation) and comprise the region of the electromagnetic spectrum from approximately 400 to 700 nanometres wavelength.

Therefore, when as growers or horticulturists we ask ourselves the question: Which light source provides me with the micromoles of photons that my plant needs? SECOM Iluminación has a wide portfolio of luminaires and also has qualified technicians to advise you on the best possible solution for each case.

Growth and development processes using artificial light

HTC

Full spectrum for growth and flowering.

Ref. HTC

HTCW

Spectrum for growth and flowering. Thanks to the incorporation of the white frequency, the harvester is able to detect the ripening of the fruits for optimum harvesting.

Ref. HTCW

GROWTH

To support plant growth by horticultural lighting, the spectra focus on the efficiency by creating photons in the relevant photosynthetic region from 400 to 700 nm and especially in the high absorption area around 450 nm and 660 nm.

Ref. CSUN (supplementary source lighting)
Ref. C (single source lighting)

GERMINATION

Seedlings need a high blue light content to start germinating and sprouting. Therefore, a high deep blue content at 450 nm is important for this application. This can also be supported by a far red light at 730 nm.

Ref. GSUN (supplementary source lighting)
Ref. G (single source lighting)

FLOWERING

A far red content at 730 nm is required to induce plant flowering. This can be used especially to adjust the perceived day length of the plant. Some plants only flower if the day lasts less than 12 hours. Some the other way around and only flower if the day is longer than 12 hours. In regions with horticultural lighting seasons it could be used to induce flowering even if the natural day length would not result in flowering of the plants.

Ref. FSUN (supplementary source lighting)
Ref. F (single source lighting)

FRUCTIFICATION

During the fruiting phase, the plant needs a lot of energy to create the fruiting body. Therefore, a large amount of light must be used for photosynthesis.

Ref. FRSUN (supplementary source lighting)
Ref. FR (single source lighting)

PROTEK Q1
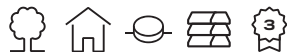
SPECIAL
LIGHTING
SYSTEM FOR
HORTICULTURE

New technologies facilitate the radiation
necessary for the development of plantations,
increasing productivity and product quality.

HIGH PERFORMANCE FLOOD LIGHT

IP66 degree of watertightness

Special spectra

SYSTEM

PROTEK Q1 hortlight ®
system

PROTEK Q1 **hort**light system

LED			W			CRI					PF						KG
MID POWER	220-240V	50-60 HZ	50	DRIVER INCLUDED	OPTIONAL	-	66	08 *10 optional	-	1 OPTIC	>0,98	0	CLASS I	50.000 H L80B10	-20º +35º	1,500

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S4125	**58** (Grey)	**50** (50 W)	**HTC** Full growth	**-** Without secondary optics 120º	**-** ON / OFF Standard	**AM** Marine environment paint
			HTC Full-grown + white		**DR** Regulation 1 - 10 V	**IK10** Impact resistance
			CSUN (Growth) **C** (Growth)		**DRD** Driver adjustable DALI	
			GSUN (Germination) **G** (Germination)			
			FSUN (Flowering) **F** (Flowering)			
			FRSUN (Fructification) **F** (Fructification)			
S4125	58	50	**GSUN**	-	**DRD**	**IK10**

Example configuration **S41255850GSUNDRDIK10**

OPTICS

-
120º
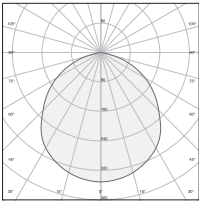
DIMENSIONS
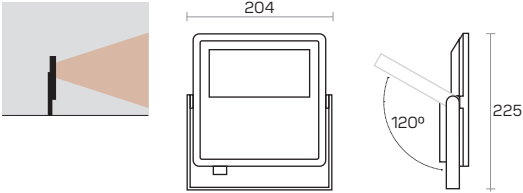
COLOURS

GREY (58)

*Other RAL colours on request.

ESDIUM

CE RoHS 2011/65/UE ♻

SPECIAL LIGHTING SYSTEM FOR HORTICULTURE

Productivity increases thanks to new technologies have been proven.

Our horticultural systems cover all light spectra, which allows us to accelerate the growth of plantations, increase production and obtain higher quality plants.

HIGH PERFORMANCE FLOOD LIGHT

IP66 degree of watertightness

Special spectra

SYSTEM

ESDIUM hortlight®
system

ESDIUM hortlight system

LED	⚡	〰	W	🔌	⭕	CRI	🛡	✳	💡	🔆	PF	👁	⏚	⏱	🌡	KG
HIGHT POWER	220-240V	50-60 HZ	100 200 300	DRIVER INCLUDED	OPTIONAL	-	66	08 *10 optional	-	3 OPTIC	>0,95	0	CLASS I	100.000 H L80B10	-20º +45º	S - 9,2 M- 20,2 L - 27,4

REFERENCE GENERATOR

REF. PRODUCT	COLOUR	POWER (W)	SYSTEM	OPTICS	DRIVER	ACCESSORIES
S553	**58** (Grey)	**10** (100 W) S	**CSUN** (Growth) **C** (Growth)	**-** Without secondary optics 110º	**-** ON / OFF Standard	**IK10** Impact resistance
		20 (200 W) M	**GSUN** (Germination) **G** (Germination)	**1** Symmetric 11º	**DR** Regulation 1 - 10 V	**AM** Marine environment paint
		30 (300 W) L	**FSUN** (Flowering) **F** (Flowering)	**2** Symmetric 48º	**DRD** Driver adjustable DALI	
			FRSUN (Fructification) **F** (Fructification)			
S553	**58**	**20**	**GSUN**	**2**	**DRD**	**IK10**

Example configuration **S5535820GSUN2DRDIK10**

OPTICS

-
120º

1
Symmetric 11º

2
Symmetric 48º

DIMENSIONS

150

165,05   487,29

383,05

258,55   497,23

539,16

258,55   497,23

COLOURS

⚫ **GREY** (58)

*Other RAL colours on request.

TERMS AND CONDITIONS

GENERAL SALES CONDITIONS

GUARANTEE CONDITIONS

GENERAL SALES CONDITIONS

SECOM ILUMINACIÓN S.L. reserves the right to make small variations in the measurements or characteristics of the devices, improvements in its models, as well as to cancel any of them without prior notice.

SECOM ILUMINACIÓN S.L. is not responsible for any problems arising from possible errors in the photographs, measurements and/or data that appear in the catalogue.

2. DELIVERY TIMES.

The delivery times will be confirmed at the time of placing the order and will always be for guidance only, so that any delays that may exist will not imply the cancellation of the order or the imposition of penalties.

TRANSPORT.

In all the peninsular territory and for orders over 500 € net, SECOM ILUMINACIÓN S.L. will be in charge of the shipping costs, being carried out by our usual transport. In the Canary Islands, delivery charges will be paid for orders over 1.200 €, being carried out by our usual transport. In the case of deliveries abroad, postage will be paid for orders over 750 € for Italy, 500 € for France and Portugal. For the rest of the countries, please consult the amount of the order for carriage paid delivery.

All orders below these amounts will be shipped at the buyer's expense. In the event that the transport is designated by the buyer, this will be at the buyer's expense even if the amount is higher than the stipulated minimum.

Minimum Order.

A minimum order of 100 € is established for deliveries in mainland Spain and the Canary Islands. For deliveries abroad the minimum order will be 750 € for Italy, 500 € for France and 100 € for Portugal. For all other countries abroad, the minimum order will be €750.

4. CLAIMS.

Claims for faults relating to the Quality of the products supplied are subject to the SECOM ILUMINACIÓN S.L. Warranty Conditions.

Claims for breakage of material caused by the transport agency will only be admitted in a period of less than 72 hours after delivery of the material.

Claims for faults other than those mentioned above will not be accepted after a period of one week from the delivery of the material.

5. RETURNS.

SECOM ILUMINACIÓN S.L. will not accept any return of merchandise that has not been previously communicated and accepted in writing.

Returns of personalised or non-standard material requested by the customer will not be accepted as they are made-to-measure products.

The final decision on the acceptance of the return will be taken after checking the goods upon receipt.

Returns must be made carriage paid by the customer. Returns of material in perfect condition and in its original packaging owned by the customer will be accepted under the following conditions, provided that the material is not non-standard or out of catalogue: Age of the material 0 to 15 days - depreciation of 10% Between 16 to 30 days - depreciation of 20% Between 31 to 120 days - depreciation of 20%.

31 to 120 days - depreciation of 30%.

More than 120 days - will not be accepted

6. CANCELLATION OF ORDERS.

Cancellation of orders for non-standard or out-of-catalogue material will not be accepted.

No return of manufactured material will be accepted for reasons of rejection by the end customer unrelated to the proper functioning of the material. We recommend placing sample orders for luminaires to be shown to end customers before placing the final order.

Any cancellation or modification of an order, previously accepted, must be authorised by SECOM ILUMINACIÓN S.L.

The cancellation of an order already sent will not be possible and must be treated as a return.

7. FORCE MAJEURE.

SECOM ILUMINACIÓN S.L. will not be responsible for any failure in the supply chain and in the provision of its services that occur due to Force Majeure events.

"Force Majeure" refers to any circumstance or event beyond the reasonable control of SECOM ILUMINACIÓN S.L., regardless of whether it is foreseeable at the time the Agreement is entered into, whereby SECOM ILUMINACIÓN S.L. cannot reasonably fulfil or perform its obligations, including, but not limited to, acts of God, health crises or pandemic states, natural catastrophes such as earthquakes, lightning, hurricanes, typhoons, floods, volcanic activity or extreme weather conditions, strikes, lockouts, war, terrorism, political instability, civil unrest, riots, sabotage, vandalism, product shortages in the industry, breakdown of plant or machinery, failure or loss of electricity, cyber-attacks and acts of piracy or non-performance by SECOM ILUMINACIÓN S. L.'s suppliers or any third party. L. or any third party on which the Services depend (including connectivity or communication services). In the event that the Force Majeure event extends (or SECOM ILUMINACIÓN S.L. reasonably expects it to extend) for a period of three (3) consecutive months, SECOM ILUMINACIÓN S.L. shall be entitled to cancel, in whole or in part, the Agreement without any liability to the Customer.

The most updated version of these General Conditions of Sale can be found on the website www.secom.es.

This price list cancels any previous price list.

8. EFFECTIVENESS.

19 July 2021.
This tariff overrides any previous pricing tariffs.

9. GENERAL CONDITIONS OF SALE, ENTRY INTO FORCE.

1 May 2023.
These terms and conditions supersede any previous terms and conditions.

GUARANTEE CONDITIONS

This Guarantee defines the terms and conditions for the sale by Secom Iluminación, S.L. of professional indoor and outdoor lighting products. Only the purchaser (distributor), who has purchased Products directly from Secom Iluminación, S.L., may benefit from the rights contained in this Guarantee.

This Guarantee must be read simultaneously with the General Conditions of Sale of Products and services of Secom Iluminación, S.L. in force or with other legally agreed terms entered into by Secom Iluminación, S.L. and the Customer, including independent distribution and sales contracts.

In the event of conflict between the Guarantee Conditions and the General Conditions of Sale, this guarantee shall always prevail.

TERMS AND CONDITIONS

1). This Guarantee ensures that the Products supplied by Secom Iluminación S.L. will not present defects during the established guarantee period of 3 or 5 years (according to the references indicated in the catalogue), starting from the original date of purchase. This guarantee covers all defects caused by failure or breakage in components or produced during the manufacturing processes that prevent the Product from functioning according to the characteristics provided by Secom Iluminación, S.L.

2). The established Guarantee period shall come into force on the date of invoicing of the Product. In the event of other terms of Guarantee, Secom Iluminación S.L. will inform the Client under the agreed conditions.

3). This Guarantee shall only be valid if the Products supplied have been stored and installed according to their technical specifications, and for the purposes of validity, installation and storage must be carried out by qualified technical personnel.

4). The Customer may not demand the guarantee conditions established by Secom Iluminación, S.L., if he/she has not fulfilled the payment obligations in their terms and conditions.

5). In order to avail of the Guarantee conditions, the Client will have to notify in writing the alleged irregularities of the Product within the established Guarantee period and subject to the following conditions:
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*1. The extension of the guarantee is subject to prior consultation and approval by Secom Iluminación, S.L.

5.1). The Customer shall make available to Secom Iluminación, S.L. the records and history of operation and data relating to the Product such as: 5.1.1). Reference and name of the Product.

5.1.2). Date of failure, faulty units and defect (alleged) of the Product.

5.1.3). Invoice number of the Product and date of installation.

5.1.4). Product location and application details, with actual switch-on time and number of switching cycles.

5.2). The Customer shall provide the representative of Secom Iluminación, S.L. with on-site access to the Product for which the Customer is invoking this Standard Warranty and, upon request, shall send any alleged defective Product to Secom Iluminación, S.L. for analysis.

5.3). The Customer shall obtain the consent of Secom Iluminación, S.L., to carry out the relevant tests to determine whether there is any defect in the Product.

5.4). Any claim relating to a warranty claim must be submitted within six months from the date of notification of the claim.

6). The obligations of Secom Iluminación, S.L. in respect of the Guarantee shall be limited to Secom Iluminación, S.L.'s discretion.

In the event that Secom Iluminación, S.L. recognises the defect, it will choose the option of replacing components or product with new or recycled ones (considering the technical evolution of the product) with charge plus subsequent payment of the same once technically assessed by the technical service. All replaced products are the property of Secom Iluminación, S.L.

In case of other customer needs, Secom Iluminación, S.L. will repair or send the defective product or parts without any charge for labour or repair parts.

Repairs or replacements of the Product will not extend or renew Warranty periods. Secom Iluminación, S.L. reserves the right to replace defective Products covered by the Guarantee with other Products with minor differences in design or performance, which do not affect the functionality of the Product. The customer shall bear the shipping costs and other costs arising from those Products whose defect is not attributable to Secom Iluminación, S.L. or have been manipulated by the Customer.

7). The (dis)assembly, (dis)installation, replacement, removal of the Product and other installation elements, such as structures, cranes, scaffolding, etc., carried out by the Customer, are not covered by the established Guarantee. The Customer shall be responsible for and bear the costs of these activities, including the costs of access by SECOM Iluminacion, S.L. for corrective Warranty measures.

8). Secom Iluminación, S.L. is exempt from any obligation under this established Guarantee, if it determines that the defect has been caused by any of the following possibilities:

8.1). Power supply conditions, which includes power cuts, voltage dips, voltage rises, high harmonics, excessive temperature due to lack of ventilation and current ripple control systems exceeding the specified limits of the Products, as well as those defined in the relevant supply regulations for the Product.

8.2). Incorrect wiring, installation, change of configuration or maintenance of the Products or other electrical components such as non-compatible controllers.

8.3). Failure to comply with the instructions and operations for installation, maintenance and environmental applications, defined by Secom Iluminación, S.L. or any other document supplied with the Products or applicable safety, industrial or electrical regulations.

8.4). Do not use the Products for uses for which they have not been designed.

8.5). Subjecting the Products to corrosive environments, excessive wear and tear, lack of care, accident, abuse, misuse, improper, inadequate or abnormal use of the Products. 8.6). Alteration, manipulation or attempted repair not authorised in writing by Secom Iluminación, S.L. of the Product.

8.7). Use of LED Products that have not taken into account the application instructions relating to potential pollution (VOIC) or cleaning.

8.8). Any event of force majeure, understood as any circumstance or incident beyond the reasonable control of Secom Iluminación, S.L., whether or not foreseeable at the time of entering into the contract of sale of the Products, as a result of which Secom Iluminación, S.L. cannot reasonably perform or execute its obligations

including, without limitation, acts of God, health crises or states of pandemic, natural catastrophes including earthquakes, hurricanes, typhoons, floods or volcanic activity or extreme weather conditions, strikes, blockades, war, terrorism, the political situation, civil unrest, riots, sabotage, vandalism, industry shortages, breakdown of plant or machinery, failure or loss of power supply, cyber-attacks and hacking or default by Secom Illumination's suppliers or other third parties providing services to you (including connectivity and communication services).

9). By purchasing Secom Iluminación, S.L. products, the Client accepts the general conditions of sale and guarantee, as well as the established purchase price, with the consequent allocation of the risks and obligations of the parties in relation to the guarantee.

10). This Warranty set forth, together with the General Conditions of Sale in terms and conditions, constitute the entire agreement with respect to the warranty of defective Products and prevails over all oral and written statements or communications. To the fullest extent permitted by law, the warranties set out in this document are the only warranties offered by Secom Iluminación, S.L. for the Products sold. The Customer must not rely on any other information, from Secom Iluminación, S.L. or other sources, nor on facts of general knowledge (of the sector), in relation to the Products or their useful life. The sole and exclusive remedy for the Customer in relation to any defect shall be solely that explicitly set out in this Guarantee.

11). Secom Iluminación, S.L. reserves the right to modify this Guarantee. Any modification shall be effective for all orders placed on or after the effective date of such modification.

12). For professional indoor or outdoor Products, the following provisions apply:

• The Warranty Period is based on a maximum number of operating hours of 4200 hours/year.

• The warranty is valid for Products subject to a maximum ambient temperature of +40°C and a minimum ambient temperature of -15°C.

• The product will be considered defective only if 10% or more of the LED components fail for that product.

• In case the installed luminaires are at risk of corrosion, they will only be covered by the warranty if the Customer purchases the Product with Marine Ambient (MA) paint option, these installations may be: - Installed at a distance of less than 10 km from the coast.

• Installed in tunnels or on roads where the use of salt is required (e.g. in case of winter due to snow).

• Environments with very humid conditions.

13). The durability and performance of the LEDES will not be guaranteed if they are installed in environments where there are chemical products that are incompatible with the standards of the LEDES. The Technical Department of Secom Iluminación, S.L. is at your disposal to check the compatibility of the LEDES in relation to the substances present where the luminaires are to be installed.

14). For multi-source LED luminaires, the Product shall be considered defective when the percentage of LEDs out of service is higher than 10 % of the total, since, if it is lower than 10 %, the performance of the Product is not considered to be substantially modified.

15). The depreciation of the luminous flux is an expected phenomenon during the lifetime of the LED and is therefore not covered by the Warranty.

CASES WHERE THE WARRANTY DOES NOT COVER:

1). Damage caused by the Customer or third parties, acting on their own account.

2). Damage caused by accident.

3). Damage caused by non-compliance with the provisions of the manual or assembly instructions provided by Secom Iluminación, S.L.

4). Repairs to the Product carried out by the Client or third parties other than Secom Iluminación, S.L.5) Damage that does not affect the proper functioning of the Product (knocks, scratches, paint defects, etc.).

6). Installation of non-compatible control and regulation systems in the Products.

7). Damage caused by theft or attempted theft.

8). Damage to separately purchased additional or consumable items and to computer applications implemented for the use of the Product (e.g. batteries, software, etc.).

9). Damage to fire protection elements belonging to the system of which the Product is a part.

10). Damage to accessories acquired after the Product has been purchased and sold.

11). Damage covered by insurance policies.

12). Costs of disposal or final disposal of the defective Product.

13). Damage due to a use of the Products not foreseen in the technical specifications corresponding to the Product and its application.

14). Damage due to subsequent modifications to the Product (e.g. installation of emergency lighting components, replacement of electronic drivers, etc.).
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*2. In the event that the maximum ambient temperature differs from this value, this shall be indicated on the Product label on the Product delivery box.

15). Damage due to cleaning with unsuitable products that are aggressive towards the components.

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According to Art.12 of Law 11/1997 on packaging and packaging waste, the final holder of packaging waste and used packaging will be responsible for the delivery in adequate separation conditions for its correct environmental management to an authorised recoverer, recycler or recoverer.

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IQNet
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