

Human Centric
Office Lighting



LEDS C4

LEDS C4
Human Centric Office Lighting
2020 - 21

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Digital technology and new corporate cultures have changed our ways of working and, therefore, how we conceptualise office space.

This new working pattern responds to the challenges that companies face today; they are experiencing exponential evolution and continuous improvements in their products' and services' competitiveness. The emergence of the Internet of Things (IoT), 5G and artificial intelligence opens a new paradigm in which organisations and workers must adapt to remain competitive.



New Offices

Health and wellness of workers/employees

Although new ways of working promote flexibility and some companies have introduced the home office, the office remains the workspace of choice. On average, workers spend a third of their day in the workplace, so implementing measures that promote health and well-being has become one of the main objectives for companies.

A welcoming, warm space, ergonomic furniture, good lighting and air conditioning, being in contact with nature, etc., are some of the factors that affect the well-being of people in the workplace and are directly related to productivity and performance.

Designing a welcoming, inviting space that promotes good work performance and allows workers to feel comfortable and satisfied is a must for companies seeking to attract and retain the best talent.



Flexible spaces

New roles and tasks require spaces that adapt quickly and provide flexibility. Traditional offices have given way to open spaces, which encourage collaborative approaches, and private, soundproofed areas that allow for high concentration and performance. Digitalisation means that the workplace can be relocated, allowing any task to be carried out from very different spaces depending on current needs, such as meeting rooms, soundproof cubicles, creative spaces and even rest areas.

Different environments that should make the professional and personal development of workers a top priority and contribute towards achieving better results for organisations.

Intelligent offices

Offices are undergoing a natural evolution as technology increasingly enters the workplace. Digitalisation of processes, working methods and corporate culture is driving more agile, flexible and competitive ways of working.

A fast and easy connection, virtual spaces for collaboration and data storage, independent control and management of office areas and their elements, sensors, applications and devices that allow not only to optimise tasks but also to make the workspace more comfortable, safe and efficient.



Benefits of proper lighting

For people



Comfortable and adjustable lighting

Customise luminous ambience.
It enables us to create a comfortable, tailor-made setting that meets spatial, functional and biological demands.



Improved experience

Improving their experience and establishing a stronger connection between the organisation and staff.
Light, found in all spaces, can become a tool for communication and interaction, improving users' perception of their environment.



Well-being and performance

Creating light for people.
Helping to improve well-being by restoring natural biorhythms, which directly affect people's satisfaction, productivity and happiness is what we do.

For your organisation



Energy savings

Intelligent, targeted lighting to stop resources from being wasted.
Reduced energy consumption is achieved through intelligent lighting, which can be controlled via time schedules, presence and luminous sensors that make better use of natural light to prevent wastage of available resources.



Space management and optimisation

Making decisions focused on efficiency.
Using occupancy sensors and consumption indicators, we obtain information that allows us to make strategic decisions to manage spaces as efficiently as possible. In turn, we can identify the areas that are used most, as well as the flow of people's movement, to adapt, plan and improve resources efficiency.



Preventative maintenance

Detect incidents and performance deficiencies to predict future expenses.
By actively monitoring the information provided by the light fittings, we are able to detect incidents and inspect the equipment and installations in order to ensure smooth operation and future maintenance.



Basic concepts
for an
optimal lighting

Indicators of proper lighting

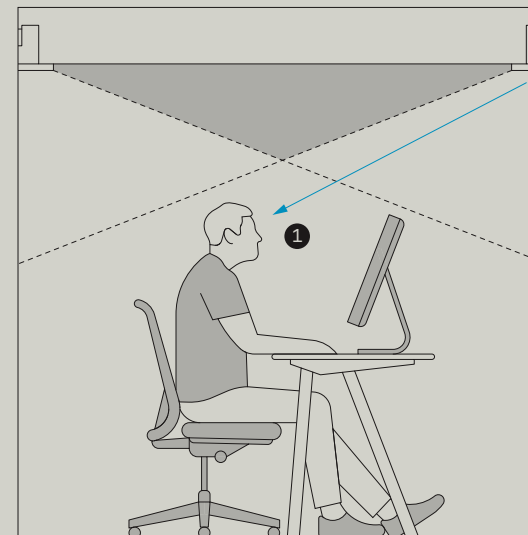
Indicators of proper lighting

A. Lighting characteristics and behaviour

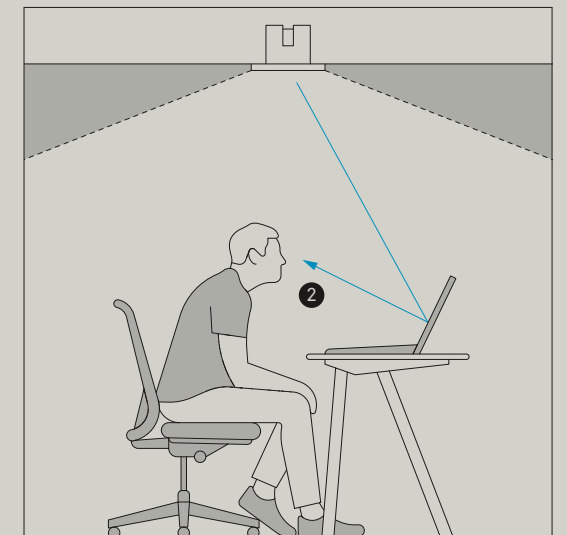
A1. Perception-glare

Although numerous indicators could determine whether a light fixture is suitable or not, how people feel will always be the most important factor.

Visual perception of a space is said to be the sensation we experience when we are in a space, and **glare** is one of the most influential factors in this experience.



Direct glare.



Indirect glare.

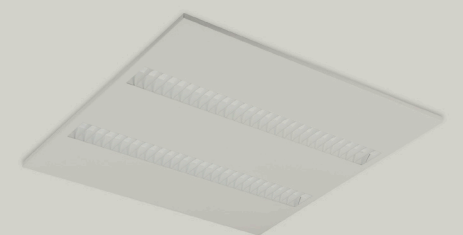
A. Lighting characteristics and behaviour

1. Perception and glare
2. UGR
3. Cut-off
4. Flicker (quality not visible)
5. Light intensity and tone adjustment
6. Equivalent Melanopic Lux (EML)
7. Circadian Cycle

B. Lighting project consultancy and design

C. Resource optimisation in space usage

Finelight



To prevent glare, the point of light is recessed, and reflectors or slats are designed to focus the light where it is needed.

However, parameters such as UGR, Cut-off or luminance limits are helpful in determining how comfortable lighting will be.

A2. UGR

One of the most demanding visual comfort parameters is the **UGR** calculation method, which points out direct irritating glare of an installation.

This value depends on its environment (height, shape and the materials of the space), and above all on the observer's point of view (height, direction and angle of vision). For this reason, it must be calculated for each project.

The UGR limits are established in the EN 12464-1 standard "Lighting at workplaces".

UGR table

There are tables that, based on the premise of interdistance and equal height between lighting fixtures and rectangular/square shaped spaces, give an approximate figure according to reflection values in the ceiling, walls and floor and an approximate X, Y dimension format.

UGR
S = 0.250

Luminaria
Código 71-7445-60-DS
Nombre INFINITE
Ensayo
Código 71-7445-60-DS
Nombre INFINITE

Reflectancias										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

RoomDimensions	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	16.9	17.8	17.2	18.0	18.2	13.6	14.5	13.9	14.7	14.9
x=2H y=3H	16.8	17.6	17.1	17.8	18.0	13.6	14.3	13.9	14.5	14.8
x=2H y=4H	16.7	17.4	17.0	17.7	18.0	13.5	14.2	13.8	14.5	14.7
x=2H y=6H	16.7	17.3	17.0	17.6	17.9	13.4	14.1	13.8	14.4	14.7
x=2H y=8H	16.6	17.2	17.0	17.6	17.8	13.4	14.0	13.8	14.3	14.6
x=2H y=12H	16.6	17.2	16.9	17.5	17.8	13.4	14.0	13.7	14.3	14.6
x=4H y=2H	16.8	17.5	17.1	17.7	18.0	13.6	14.3	13.9	14.6	14.8
x=4H y=3H	16.6	17.2	17.0	17.5	17.9	13.6	14.1	13.9	14.4	14.8
x=4H y=4H	16.6	17.1	17.0	17.4	17.8	13.5	14.0	13.9	14.4	14.7
x=4H y=6H	16.5	16.9	16.9	17.3	17.7	13.5	13.9	13.9	14.3	14.6
x=4H y=8H	16.5	16.9	16.9	17.2	17.6	13.4	13.8	13.9	14.2	14.6
x=4H y=12H	16.4	16.8	16.9	17.2	17.6	13.4	13.7	13.8	14.1	14.6
x=8H y=4H	16.5	16.9	16.9	17.2	17.6	13.4	13.8	13.8	14.2	14.6
x=8H y=6H	16.4	16.7	16.8	17.1	17.6	13.4	13.7	13.8	14.1	14.5
x=8H y=8H	16.3	16.6	16.8	17.1	17.5	13.3	13.6	13.8	14.0	14.5
x=8H y=12H	16.3	16.5	16.8	17.0	17.5	13.3	13.5	13.8	14.0	14.5
x=12H y=4H	16.4	16.8	16.9	17.2	17.6	13.4	13.7	13.8	14.1	14.5
x=12H y=6H	16.3	16.6	16.8	17.1	17.5	13.3	13.6	13.8	14.0	14.5
x=12H y=8H	16.3	16.5	16.8	17.0	17.5	13.3	13.5	13.8	14.0	14.5

The **UGR** values that must be met in an office environment include:

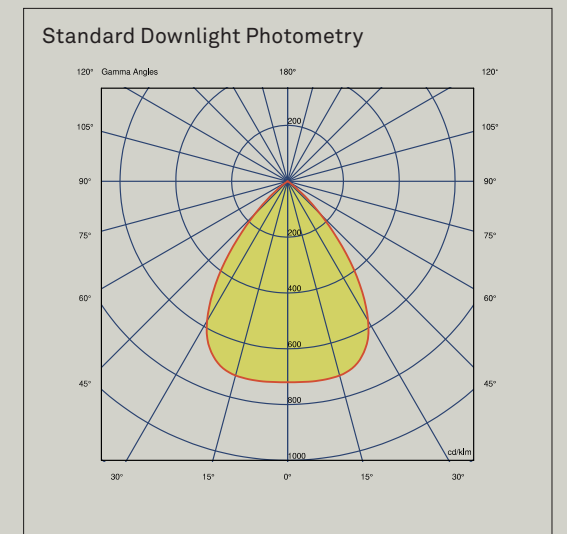
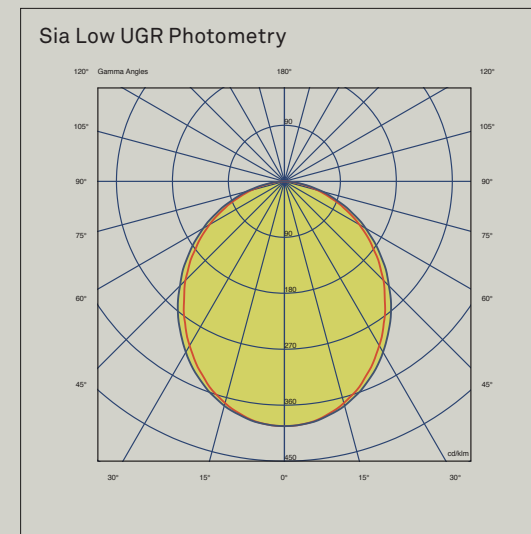
Interiors, task and activity	\bar{E}_m lux	UGR _L
Files, documents, etc.	300	19
Writing, typing, reading, data processing	500	19
Technical drawing	750	16
CAD job	500	19
Conference and meeting rooms	300	19
Reception desk	300	22
Archives	200	25

The UNE EN12464-1:2011 standard also states that, for workplaces with display screens, the luminance limits (cd/m²) for angles greater than 65° with respect to the vertical must not exceed 1,000 cd/m².

A3. Cut-Off

The **Cut-off** is an indicator that measures the degree of comfort of a lighting fixture, as it refers to the angle from which the fixture starts to cause glare.

The higher this value is, the less glare there will be. But at the same time, the light will be more focused and less uniform. Dependiendo de la necesidad lumínica del espacio se requerirá buscar un equilibrio que garantice una máxima uniformidad y el mínimo deslumbramiento.



If we compare both photometries, it is clear that the light fixture with glare control prevents the emission of more than 65° above the vertical, resulting in a more focal light.

A4. Flicker (Calidad no visible)

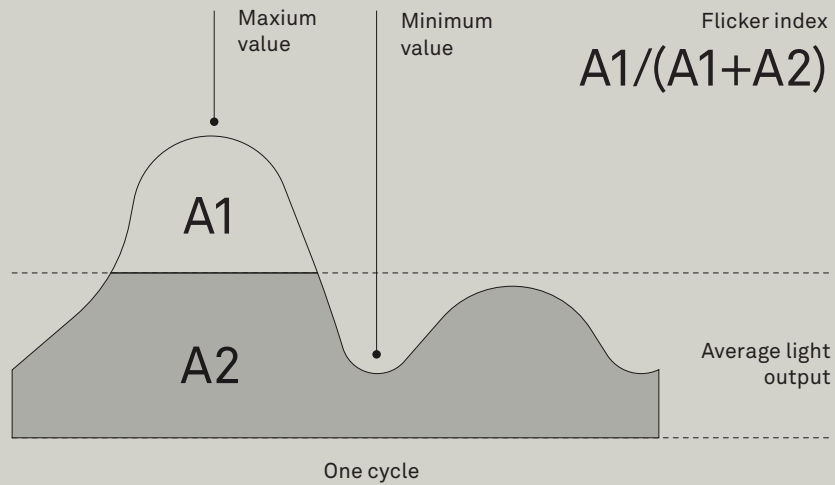
Flicker is a fluctuation of light, and can be either visible or inconspicuous to the human eye.

Flicker is produced by passing from an alternating current of 50-60Hz (sine wave passing through zero voltage values) to a direct current to feed the light module. Visible flicker would be at frequencies below 70Hz, and undetectable to the human eye at frequencies between 100 and 200Hz.

A high flicker rate can pose a potential risk to those exposed to it, depending on whether it is visible or undetectable:

- If visible, it can cause more immediate and severe effects such as seizures or epileptic seizures
- If it is undetectable, it can cause long-term effects such as eye fatigue, tiredness, headache... and can even have biological effects, considerably worsening the quality of people's work.

This is why it is essential to guarantee a minimum quality in the technology used to transmit this signal (driver) to the light module, thus minimising the flicker rate.



Flicker graphic

A great contrast between the maximum and minimum brightness due to this on/off cycle makes this Flicker more visible.

Two values define the flicker index:

$$\text{Flicker Index} = (\text{Area 1}) / (\text{Area 1} + \text{Area 2})$$

Value that takes into account the areas above and below the average value of the signal.

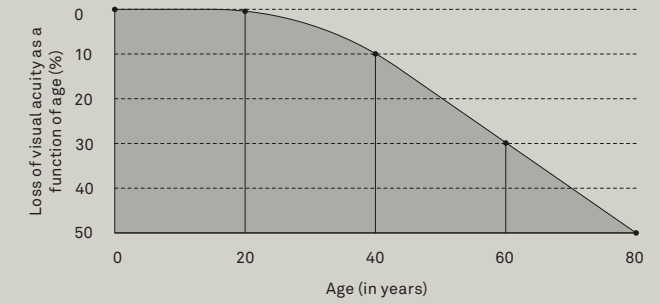
$$\text{Porcentaje de Flicker (\% Mod\%)} = 100 \frac{(\text{Max} - \text{Min})}{(\text{Max} + \text{Min})} = 100 \frac{(A - B)}{(A + B)}$$

A value that considers the signal's maximum and minimum values, and therefore the signal's amplitude, making it independent of the type of signal (PWM or Sinusoidal). If the maximum and minimum values are equal, the result will be identical.

A5. Light intensity and tone adjustment

Many factors influence the optimal light levels for each space, and one of them is personal perception, since each person has a different sensitivity and need for light (as is the case with temperature). In addition, depending on the function or task to be performed, as well as age, individual lighting needs vary.

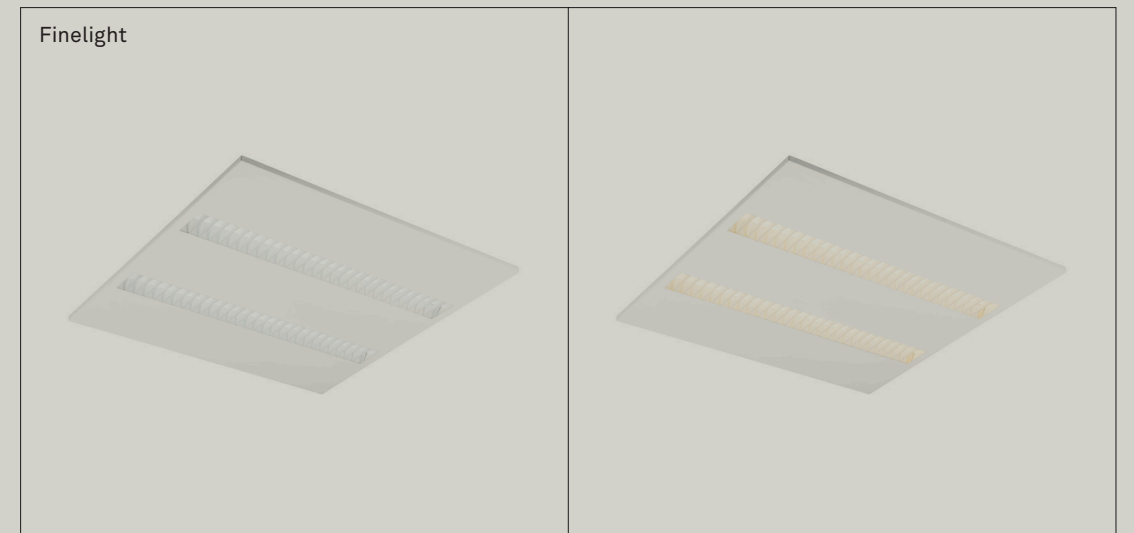
Depending on age



Location/Task	Recommended typical value for the maintained illuminance (lx)
Standard offices	500
Jobs with computer workstations	500
Low accuracy work	300
Medium work	500
Precision work	750

Lighting level depending on the tasks to be performed and the age of the employee.

Moreover, colour temperature is a factor that can influence the perception of the room and the degree of stimulation or relaxation of the individual. If lighting is tone adaptable, it allows the room or workplace to be tailored to different uses and requirements, offering more versatility to spaces.



A6. Equivalent Melanopic Lux (EML)

The biological effects of light on humans can be measured by the Equivalent Melanopic Lux (EML) parameter. An alternative metric to standard Lux is applied to ipRGCs, the intrinsically photosensitive ganglion cells, whose function is related to circadian cycles, pupillary reflex and other responses to light not strictly linked to imaging, rather than just cones, as is the case with standard Lux. It is measured in the vertical plane, level with the observer's eyes, and varies according to the spectrum of the incidental light.

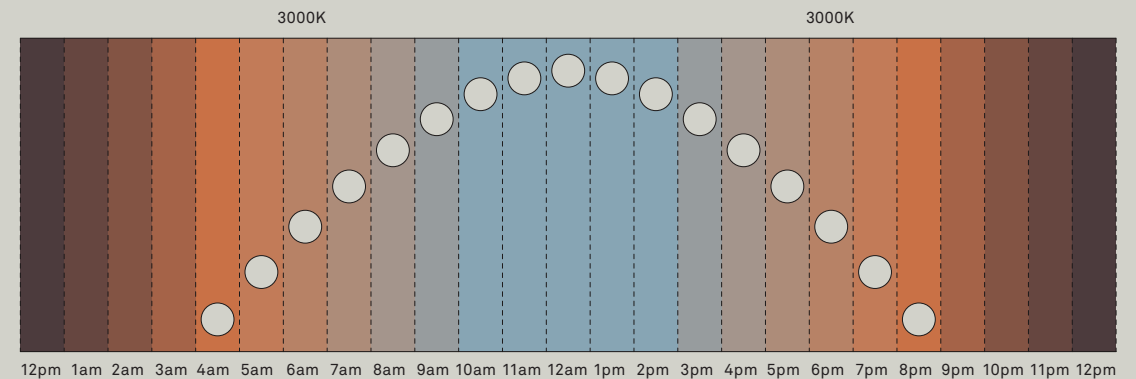
Therefore, it is important to dimension the lighting of the space taking into account this EML index as well.

A7. Circadian Cycle

Natural light has always been a very important gauge for understanding the day-night cycle. It has a direct influence on the way our internal clock works.

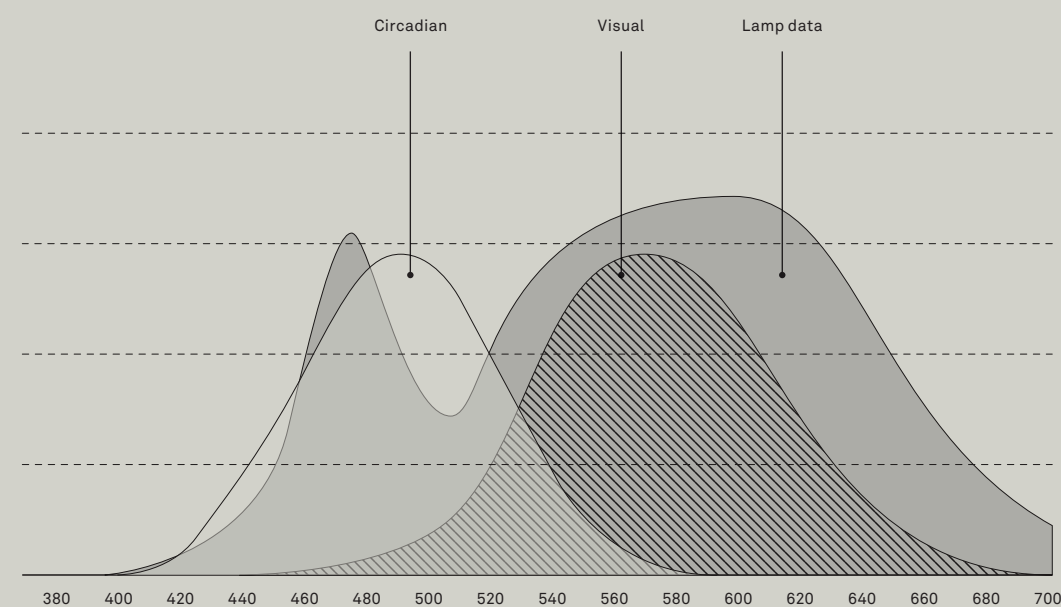
Both the light and the colour temperature determine this. We receive signals through our retina that tell the different areas of the brain about these factors, thus modifying our physiological activity.

Melatonin and cortisol are hormones involved in the natural sleep cycle and help synchronise our internal clock.



In humans, our biological clock is located in the suprachiasmatic nuclei (SCN) of the anterior hypothalamus, which is regulated by external environmental signals mainly from exposure to light-dark. Light is perceived by the retina, which modulates melatonin generation, a hormone involved in the natural sleep cycle, and helps synchronise our internal clock.

Cortisol is another hormone determined by the circadian cycle. Just before sunrise, the body secretes cortisol and prepares for full activity when it awakens.



Bento spectrum 4,000 Kelvin

Today, we spend more than 90% of our time in closed environments, often without access to natural light. This can cause a hormonal imbalance and alter our natural biorhythms.

These imbalances can lead to minor ailments such as fatigue and headache, to more serious and proven disorders such as neurodegenerative diseases, metabolic disorders and cancer.

Natural light simulation can help us maintain our body's natural biorhythms; constant activity during the day and better rest at night.

B. Lighting project consultancy and design

Offices are undergoing a major transformation, becoming friendlier settings that try to respond to new work needs. Spaces for collaboration, concentration, learning and socialisation.

For this reason, more and more spacious, orderly and diaphanous offices are being built, which in turn create invisible divisions and permit maximum use of space.

In this new paradigm, not only are the building's architecture and structure important, but also elements such as furniture, decoration and lighting must enhance these new requirements, making the space more flexible.

The lighting fixtures must meet the lighting needs of each setting, as well as helping to create pleasant, warm settings that generate an optimal work ambience.

Proper illumination uniformity at workplaces is a must to prevent further visual strain by having to constantly readjust the focus in low-uniformity or high-contrast spaces.

And that uniformity is achieved by deploying **lighting expertise**, capable of designing the **lighting project of your space**, based on the following factors:

1. Light distribution

To find a balance between comfortable distribution with a light density $<1000 \text{ cd/m}^2$ at a 65° vertical angle and, at the same time, when faced with a maximum interdistance, to enable the same light level over the whole useful area.

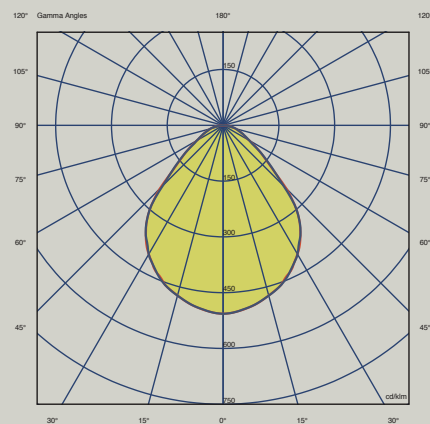
2. Constant light control

Regulating the lighting level of a fixture according to the amount of natural light (compulsory according to the CTE) not only saves energy but also keeps the lighting level equal in spaces that require uniformity and contain natural light flows, as well as areas without natural light.

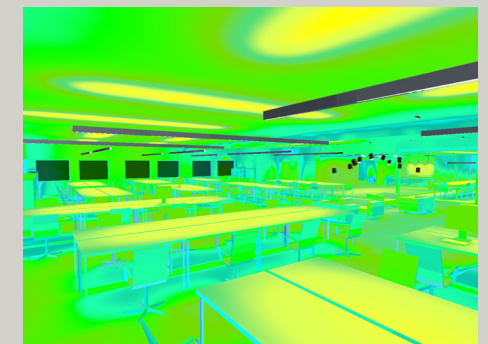
3. Indirect lighting

Indirect lighting makes the space full of light not only on the working plane but also on the entire space, thus improving visual comfort and vertical uniformity, enlarging the space and making it more voluminous, more comfortable for people and improving productivity.

Luno superficie Low UGR Microprismatic

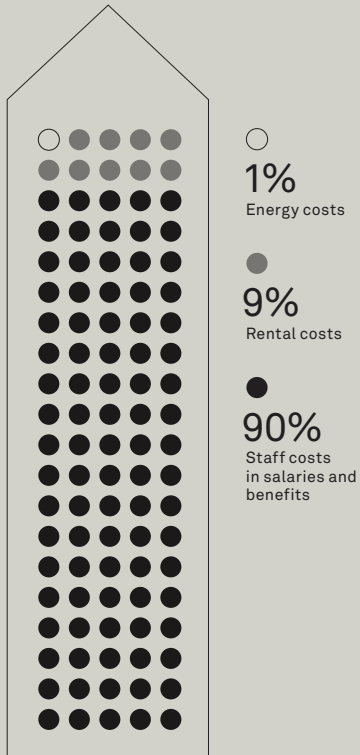


Example of a lighting project



Green areas: 300lx
Yellow areas: 500lx

C. Resource optimisation in space usage



In an office building, the costs are distributed as follows:

- 1% energy costs
- 9% rental costs
- 90% staff costs

To optimise resources, you need to look for different strategies for each sort of cost:

1. Power consumption optimisation

By means of controllable lighting, it is possible to have illumination only when it is necessary. To do so, there are 4 main strategies:

- Time programming: switching lights on/off according to working hours.
- Task-based regulation: individual light setting for each person
- Presence control: switching lights on/off depending on occupancy
- Constant light control: Maintaining the indoor lighting level according to the outdoor light flow.

With these four strategies, up to 80% savings in energy consumption can be achieved.

Lighting installation efficiency is increased by integrating data processing systems, so that lighting control can be adjusted for maximum efficiency.

Average structural costs.

2. Space optimisation

The surface area (m²) of an office is one of the key indicators in optimising space and is also one of the most expensive. If the m² is linked to the number of workers, you get the cost of space per worker.

$$\begin{aligned} & \text{m}^2 \text{ recommended per worker} \\ & \times \text{€}/\text{m}^2 \text{ rent costs} \\ & \times 12 \text{ month} = x \end{aligned}$$

Example:

$$\begin{aligned} & 12 \text{ m}^2 \\ & \times 10\text{€}/\text{m}^2 \\ & \times 12 \text{ meses} = 1440\text{€}/\text{year} \end{aligned}$$

Making the most of your space is essential to create an efficient office, not only by optimising the square metres, but also to ensure it is used homogeneously and that no space is occupied by too many people. In turn, it is important to ensure spaces that facilitate interaction and proper performance of tasks, such as meeting rooms, flexible work areas, not to mention rest areas.

With a space's heat map analysis, it is possible to obtain information on the busiest or most frequently used areas. Thus, if the space's ergonomics permit, the furniture can be adjusted to increase the space's effectiveness.

3. Employee cost optimisation

Ensuring a comfortable environment has a direct influence on people. It allows them to feel better, work more efficiently and feel connected to their company. These factors are key to the overall development of a company, as well as helping to retain talent and reduce costs due to sick leave or absenteeism.

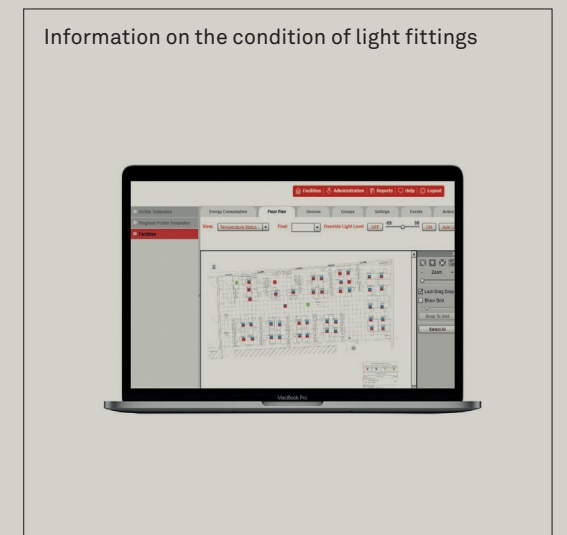
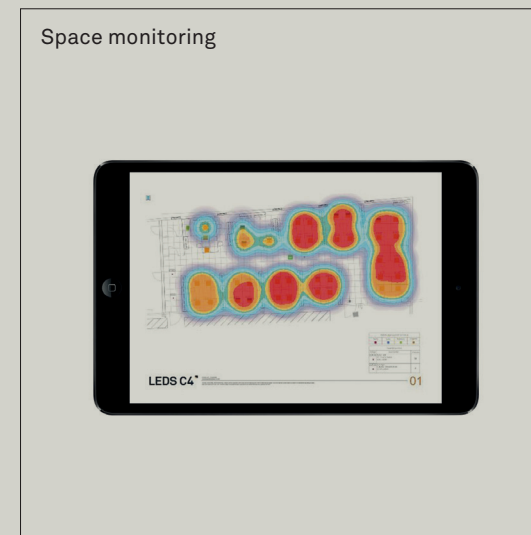
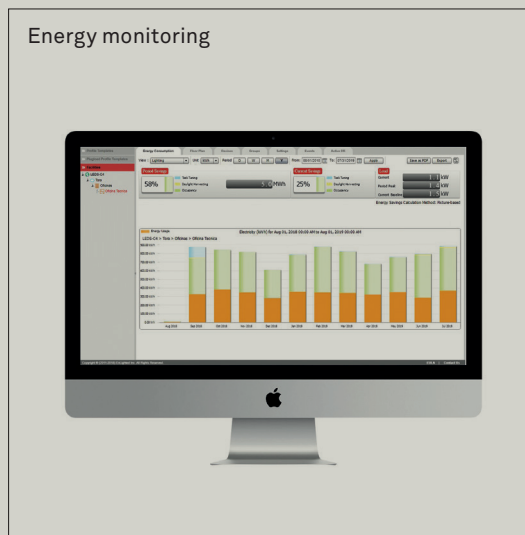
A comfortable light properly applied in a project, allows you to control and connect the project to positively influence natural biorhythms conservation, as well as provide information for strategic decision making.

4. Preventive maintenance

Carrying out preventive maintenance tasks in an office is a prerequisite for keeping the installation in optimum working conditions, and lighting equipment is no exception. So, you need to know the condition of your lighting fixtures on a regular basis.

Whether your maintenance staff is in-house or outsourced, the time spent on checking your lighting installation is an expense to consider. This expense can be kept to a minimum by installing a control system that monitors the condition of the lights in real time, so that in the event of a failure the type of fault can be identified, and action taken instantly without generating additional electrical assistance.

If this check can also be carried out remotely, it makes the lighting maintenance management much more flexible.



The Well Building Standard Certification

The Well Building Standard Certification



Concepts from the Well Building Standard Certificate.

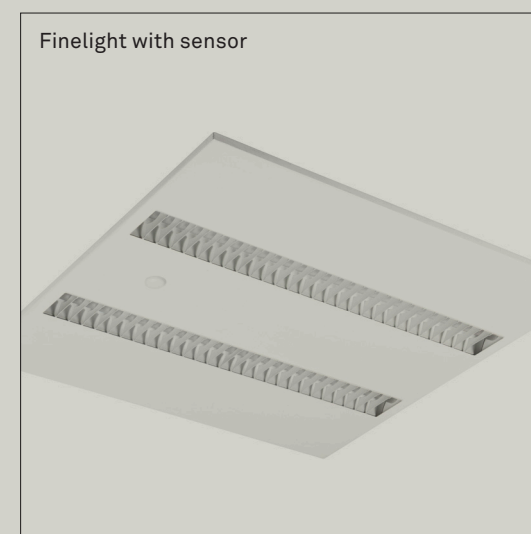
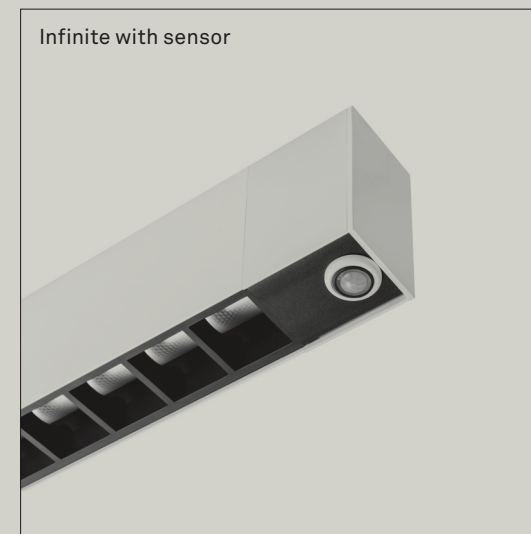
The new international Well certification focuses on people's well-being using guidelines that minimise disruption of the circadian cycle while improving productivity.

The Well Building Standard certification rewards the following characteristics with regard to lighting:

- Personalised lighting levels
- Visual acuity
- Lighting design, taking into account circadian rhythms
- Control of glare
- Access to natural light
- Quality of lighting

In order to meet the demands of the Well Building Standard certification, the design of the lighting project must be adapted to the following factors:

- EML Melanopic Ratio
- Control of glare
- Chromatic reproduction of colour
- Flicker



Well Building Standard Certificate

Well Building Standard rewards those facilities that have automated lighting control. Both the glare control generated by exterior lighting and the lighting control based on occupancy.

Enhancing well-being in the workplace.

If an automated control system is available that can reduce incoming light automatically when glare is detected in the work area, this would increase work comfort.

Improving efficiency.

Through a control and monitoring system where lighting is managed via presence sensors, significant energy savings are ensured, since the lights must be dimmed to at least 20% or switched off if no one is present.

The connectivity and control systems allow you to regulate the lighting from basic solutions such as occupancy control and provision of natural light, to more complex solutions such as remote control, failure warnings for lighting or heatmapping.

For further information
[leds-c4.com/en/smartlighting](https://www.leds-c4.com/en/smartlighting)

LEDS C4 products and services are designed to accommodate the various needs of an office environment, for both lighting comfort and efficiency.

The product solutions detailed below are in line with the various lighting requirements of all spaces in an office building.



Office Tour

Entrances

The entrance of any company is its calling card. A first impression counts, and that is why lighting in these areas must be just right.

Ensuring people's safety, acting as a focal point and conveying a consistent brand image are some of the most significant requirements in terms of exterior lighting for façades, paths or access areas to companies.

At the same time, having a welcoming, warm interior entrance that conveys your firm's values will be key to making visitors feel comfortable.



Three different forms of lighting, fully blended into the space through a uniform cement design so that the only thing that matters is the light.



A downlight that offers maximum modularity and at the same time provides comfortable lighting to create a welcoming entrance to the indoor space.

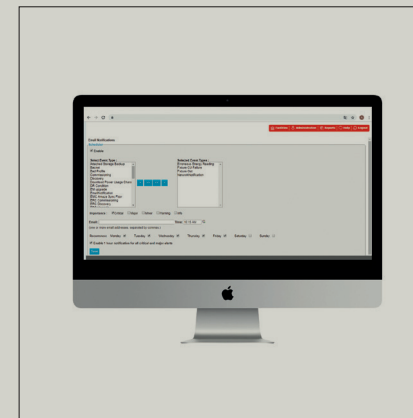
A flexible solution to light up outdoor spaces and achieve striking lighting effects.

Spot lighting using individual light fittings or structures with different geometrical shapes that attract attention and highlight different elements in the reception area.

Smart Light for Offices: Preventive maintenance

Monitoring the condition of the light fittings and ensuring they are functioning properly is a basic requirement both for keeping outdoor spaces safe and for maintaining the right image.

Recommended solutions: DALI2, DALI D4i



Alarm management in the DALI D4i Solution.

Benefits



Improved experience



Energy savings

Corridors and stairs

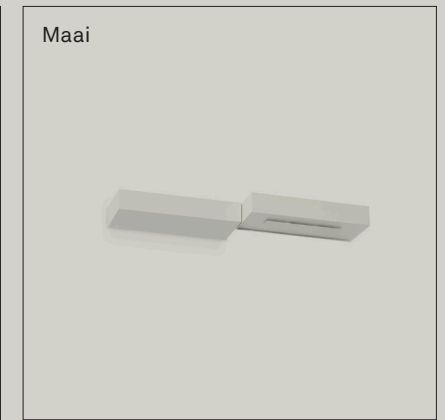
In these transit spaces, the zenithal or lateral lighting must facilitate people's orientation, as well as guarantee their safety and transitivity through the space.



The same aesthetic with a variety of different light distributions, to create zenithal lighting with an ideal floor level, batwing style lighting to illuminate the walls vertically and visually limit the space, or wall washer lighting to uniformly accentuate the vertical element, among other options.



Its modularity and wide range of lighting options and finishes allow it to create free form shapes on the ceiling and in the distribution of light, thus transforming the space.



Since it can be rotated 360°, it is able to both produce soft lighting and create a strong contrast to accentuate a particular element or bring diversity to a space.



A soft light guide to produce light from the wall, ceiling and floor, providing continuity to an area and making it seem more spacious.



Signage solutions with a wide variety of lighting effects to break with the lineal order.



Technical emergency light. The light fitting blends into the space, going completely unnoticed.

Smart Light for Offices: Motion sensor control

The use of motion sensors in transit areas means that the light only turns on when it is needed, and it is also possible to adjust the minimum level for when the space is not occupied, to avoid the sensation of darkness or being in a tunnel.

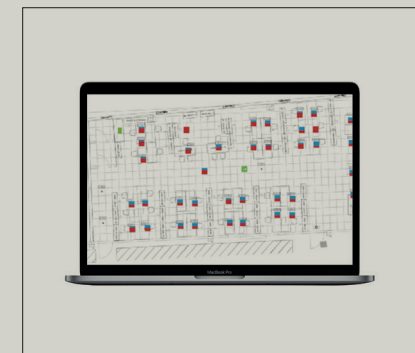
Recommended solutions:
Standalone, DALI2, DALI D4i



Multisensor for DALI2 system.

DALI emergency light monitoring

Using the DALI emergency software, you can monitor the status and operation of DALI emergency lights and anticipate possible failures.



Benefits



Preventative maintenance



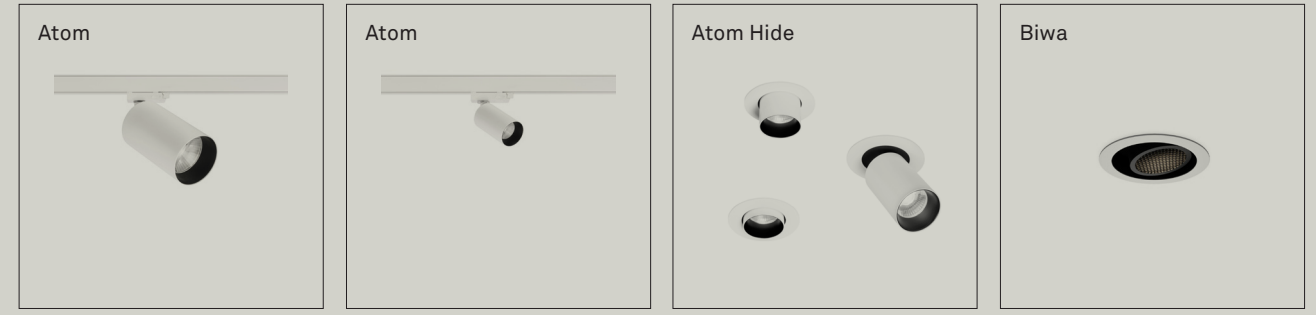
Energy savings



Space management and optimisation

Exhibition areas and showrooms

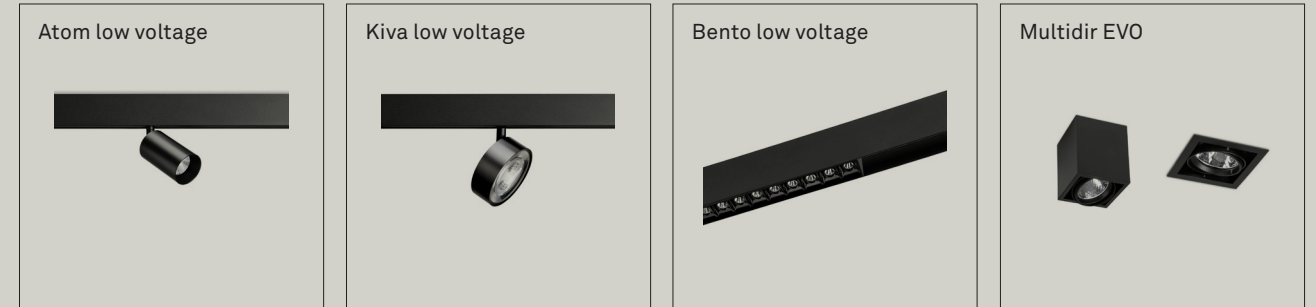
Targeted, precise lighting generates contrasts, evokes different feelings, emphasises and highlights differentiating elements and is used to accentuate products or corporate information, related to the company and captured in a physical element.



The variety of different brightness options, optics and projection accessories ensures that the light can be distributed appropriately and at the ideal brightness to perfectly highlight an object.

The quality of colour reproduction with the CRI90 versions ensures that the elements on display are reproduced faithfully.

Accentuate elements within a space in a well-defined manner, with a high level of comfort.



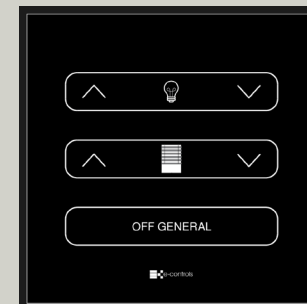
The perfect solution for spaces that are limited in size, thanks to their miniature design. There is the option to integrate solutions for producing general or ambient lighting with the Infinite or Bento light fittings, or accentuated lighting with the Atom or Kiva solutions, without forgetting the Vela or Punto suspended models.

In a universal joint format, available in versions with one or two modules and suitable for both surface and built-in installations, this range offers a projection solution that is ideal for any kind of space.

Smart Light for Office: Lighting scenarios

For both rail and built-in solutions, the ability to control each light fitting individually allows for highly efficient exhibitions, enabling an entire collection of elements to be highlighted at once to optimise time and create more impact.

Recommended solutions: Standalone, Casambi, DALI2, DALI D4i



Front button panel DALI 9 functions.

Benefits



Improved experience



Data collection

Open work areas

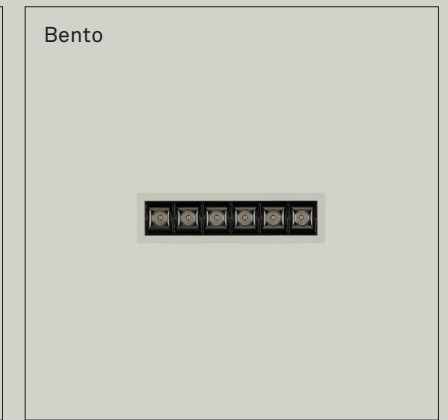
Focus and stimulation is an essential element in this type of space. For this reason, flexible, comfortable and uniform lighting must be guaranteed, adapted to the workstations and the specific tasks to be carried out. Human-centred lighting (HCL) that protects against discomfort, fatigue and headaches. Open areas are the busiest space in an office, where workers spend most of their time, and therefore the surface with the highest energy consumption. For this reason, having a suitable control strategy can lead to major savings.



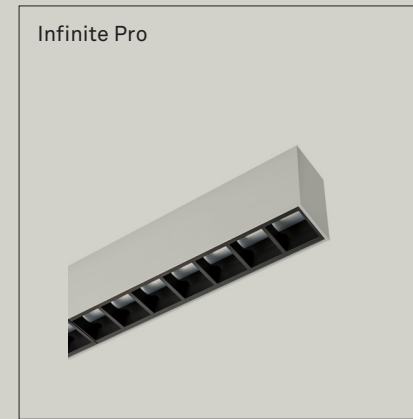
Finelight
A light fitting that produces highly comfortable lighting, perfect for open spaces due to the uniformity of the light it generates. The TW version creates a natural environment, helping it to adapt to the biorhythms of the human body.



Sia
Thanks to its structural design, the light point remains hidden to create homogeneous and pleasant lighting in a space.



Bento
Minimalist linear lighting that is comfortable and homogeneous, imperceptible in the space due to its dark-light effect.



Infinite Pro
The direct + indirect (Up & Down) lighting solution directs light only where it is needed. Produce uniform and comfortable lighting with the direct light or ambient lighting with the indirect light, to create a sensation of spaciousness and organisation.



Luno UGR
The wide variety of options within this range and its natural form of lighting allows it to produce shapes on the ceiling and break from aesthetically homogeneous lighting. The microprismatic solution guarantees a glare rating lower than what is demanded for these types of space.

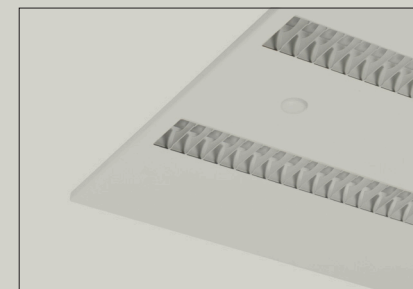


H
In shared workspaces, where the lighting requirements change according to the task being performed or the needs of each person, the use of desk lamps allows for the level of lighting to be increased when needed.

Constant light control

The constant light control function allows for the artificial light to be regulated according to the natural light, to achieve uniform lighting without contrasts throughout the open space, while also making major energy savings.

Recommended solutions:
Standalone, DALI2, DALI D4i.



Finelight with built-in DALI D4i sensor.

Human Centric Lighting

Light fittings, including Finelight, Infinite, Sia, Luno, Bento and Play, incorporate Tunable White (TW) technology, helping to maintain the body's natural biorhythms.

Recommended solutions:
Casambi, DALI2



Benefits



Well-being and performance



Energy savings



Space management and optimisation



Meeting rooms

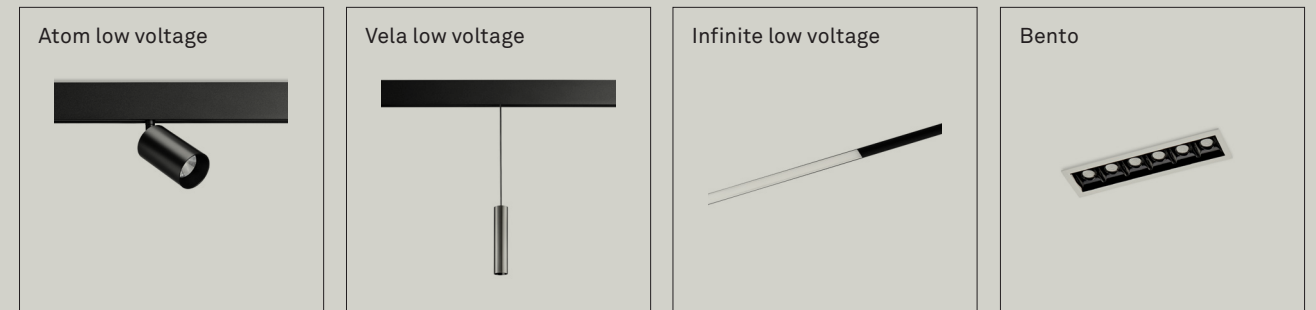
Meeting rooms are the most versatile and multifunctional spaces in an office. They can be adapted to different uses, and are usually chosen for meetings of all kinds, as well as for important corporate presentations. Lighting in these areas is a key element in tailoring the setting to the specific needs of each meeting, as well as providing a platform to represent your brand identity.



The wide range of light fitting shapes available in these ranges allows you to adapt the final structure of the space that is to be lit.

Suitable for both dynamic and functional meetings, the Infinite Pro range offers endless different solutions and allows for the creation of environments that promote collaboration between the various parties present. By incorporating the D4i Sensor into the same structure as the light fitting, with an imperceptible finish, the lighting can be set to only activate in the meeting rooms when they are occupied, and it can also provide usage information for each meeting room.

This lineal system provides the opportunity to create integrated lighting that fully blends into the space, creating various different effects and highlighting structural elements with soft and homogeneous lighting.



Through a rail system built into the ceiling we are able to provide the space with a versatile solution that can be adapted according to various different needs, integrating the Atom or Vela solutions to produce contrasts and different perceptions of the environment, and the Infinite solution to achieve functional lighting.

With its minimalist design and sunken LED, this light fitting creates the perception of a space that is ethereal, spacious and neat. The TW technology allows the feeling of the environment to be adapted, to make it warmer or colder, according to the kind of meeting that is taking place.

Monitoring a space

Using a connective system, it is also possible to monitor the use and occupation time of a space, as well as the level of occupation, and thus make decisions to optimise the use and distribution of the office.

Recommended solutions: DALI D4i.

Local control

The perfect solution for quickly and easily adapting the colour temperature and brightness of lighting according to different needs, whether it be for meetings, multimedia presentations, watching videos, etc.

Recommended solutions: Standalone, Casambi.

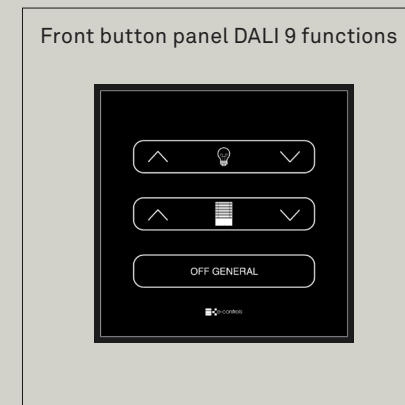
Benefits



Comfortable and adjustable lighting

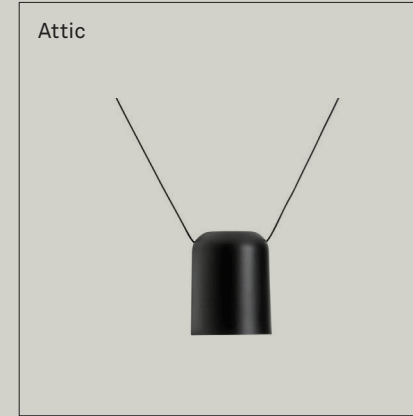


Improved experience



New multi-purpose spaces

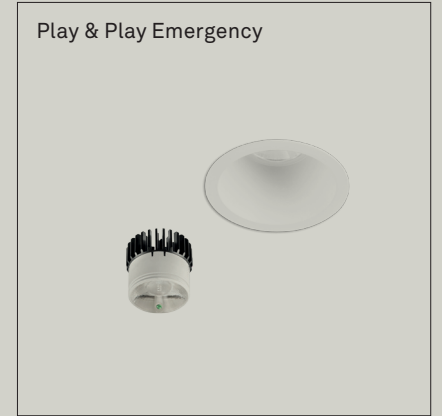
Soundproofed cubicles, conference rooms, creative spaces, etc., are areas whose objective is to respond to individual or group work needs that require high concentration, creativity or innovation. These environments break the rigid structure of principal work areas and provide a more flexible, sensorial ambience. Lighting in these spaces must bring character and enhance the creative objective of these spaces.



Produces warm lighting in a contemporary design, can be used individually or as a set to create a variety of structural shapes and can be adapted to the architecture of the space, suitable for both ceiling and wall solutions.



For providing individual spaces with personality and enveloping them with a unique lighting effect to provide extra warmth.



Ideal for a dynamic creative space used by teams of people, Play is a versatile range of light fittings with endless different finishes and lighting options.

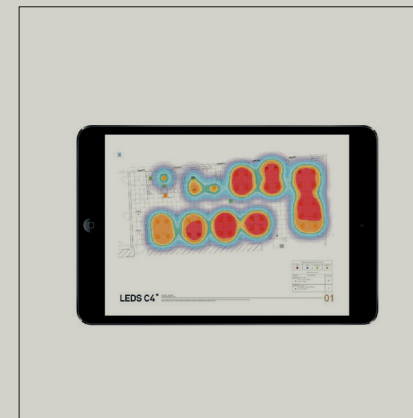


Its soft and natural shapes allow it to blend into the background, creating welcoming environments that promote concentration.

Smart Light for Offices: Monitoring a space

Using a connective system, it is possible to monitor the use and occupation time of a space, and thus make decisions to optimise the use and distribution of the office.

Recommended solutions: DALI D4i.



Colour mapping reports in the DALI D4i Solution.

Benefits



Well-being and performance



Comfortable and adjustable lighting



Energy savings

Meeting points and rest areas

The meeting areas and rest zones are essential spaces in today's modern office setting. Designed for taking short breaks and socialising with office colleagues, they help to break the monotony of any workplace and improve stress and mood management. This requires more relaxed lighting to provide warmth and create more welcoming environments.



Pek
Both its shape and its uniform distribution and high output of light make it ideal for illuminating multi-purpose spaces.



Contrast
Its industrial design and warm lighting transport the user to a familiar and comforting place.



Glam
For environments that require intimate lighting, this light fitting evokes a sense of naturalness, both in terms of structure and lighting.



Luno
The wide variety of options within this range and its natural form of lighting allows it to produce shapes on the ceiling and break from aesthetically homogeneous lighting. The microprismatic solution guarantees a glare rating lower than what is demanded for these types of space.



Sia
The combination of contrasted lighting and ambient lighting produces a dynamic environment and promotes social interaction.



Organic
Perfect for single-person rest areas where comfort and concentration are essential factors.

Smart Light for Offices: Time schedule

The lights will turn off outside of work hours, thus avoiding wasteful energy consumption.

Recommended solutions: DALI2, DALI D4i.



Energy reports in the DALI D4i Solution.

Benefits



Improved experience



Comfortable and adjustable lighting



Energy savings

LEDS C4 guides the client through each phase of an Office project: from designing and conceptualising the lighting project and choosing the most suitable light fittings, to overseeing the progress of the work, to setting up the associated connection services. By doing so, we guarantee to meet the client's needs, both in terms of well-being and efficacy.

Office Projects

LOOM

Torre Glòries

Connected lighting

LEDS-C4 has designed, developed and supervised the installation of the entire lighting of the new flexible and versatile space of LOOM (Merlin Properties) in the prestigious Torre Glòries, located in the technological and creative district of Barcelona. The project covers a total of 2,500 m2 distributed over three floors for more than 160 jobs; in addition, the **LEDS C4 Smart Light for Office control, connectivity and digital services solutions** have been applied to optimise maintenance, energy saving and efficient management of all spaces.



Client
LOOM, Merlin Properties

Architect
Studio Banana

Building contractor
ISG Iberia

Installation
Engie

Lighting project design
LEDS C4

LEDS C4 products
Infinite Hexacell & Microprism, Play, ON LED Strip, Attic

Grok by LEDS C4 products
Circ, Tubs

Control, connectivity and digital services solutions
Smart Light for Office, by LEDS C4

Year
2019

Location
Barcelona, España

Requirements

- Adjust artificial lighting depending on natural light conditions, and thus avoid major contrasts with the 360° natural light entering the building, to avoid fatigue and headaches, and reduce energy consumption.
- Comply with the Workplace Standard EN12464 on lighting comfort and glare for the worker.
- Control the activation of the lighting of the common areas or meeting rooms depending on occupancy.
- Control and analyse the degree of occupancy of rental rooms to respond to customer demands.
- Create a work space focused on people, optimising their performance and boosting their creativity.
- Carry out the lighting project, in addition to the supervision and monitoring of the work from start to finish.



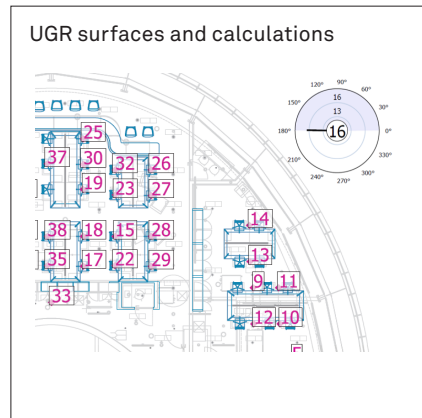
Solution

Lighting project

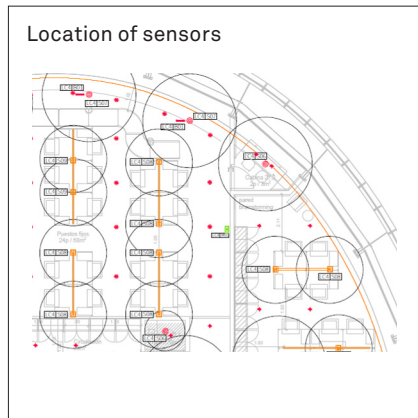
The LEDES C4 lighting project and consultancy unit has designed a lighting staging focused on the building's architecture and its people, using connected lighting systems that generate differentiated spaces, offering a high degree of comfort and design.



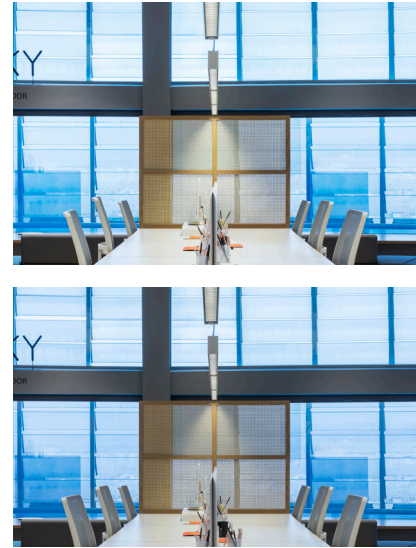
- In work areas, 700lx levels with a uniformity of 0.6 in the workspace.
- For common areas 300lx.
- During the day the lighting is adjusted depending on the input of natural light.



360° calculation of UGR at the position of the observer for each job, 160 in total.



Location of sensors on the plan to guarantee the correct location depending on the height and position of the worker.



Smart Light for Offices

Lighting control

Given the architecture of the Torre Glòries building, consisting of a double-glazed structure that ensures natural light all day, a sophisticated system has been installed to control the use of sunlight and to adjust usage depending on occupancy, based on 150 Wireless D4i (DALI for IoT) smart sensors, distributed over three floors and perfectly integrated into the lighting.

The lighting is completely autonomous and is self-regulating depending on natural light, occupancy and also the space, with up to 85% energy saving.

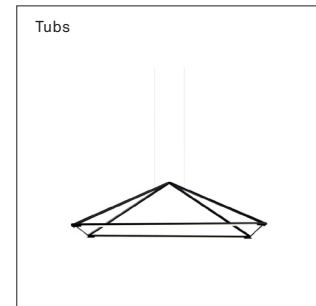
In turn, the lighting can be customised with remote controls located in every room, with four default setups and fine-tuning buttons for every two work stations. Thanks to this flexibility, adaptation to each user is guaranteed and it brings a high added value to the installation, ensuring maximum productivity.

Products

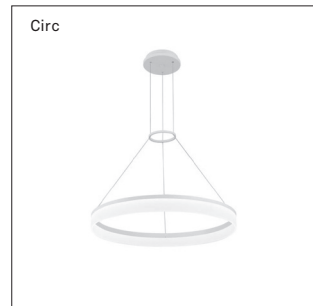
At the product level, we are committed to a combination of linear and cylindrical architectural lighting, and decorative lighting options that add character and adapt to the needs of each space.



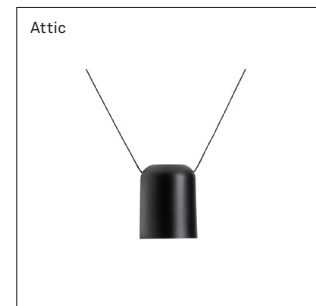
In work areas Infinite Pro Hexa-cell guarantees 360° UGR below 16. See UGR plan.



In formal meeting rooms, straight and sober forms, directional lighting.



Informal meeting rooms, diffuse lighting.



Rest and dining areas. The range of geometries adapts to the space to be illuminated.



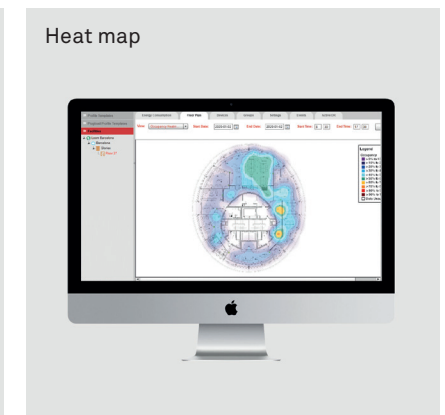
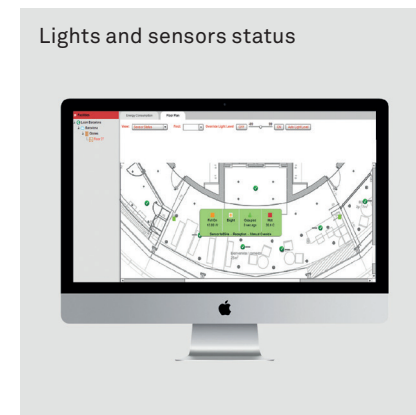
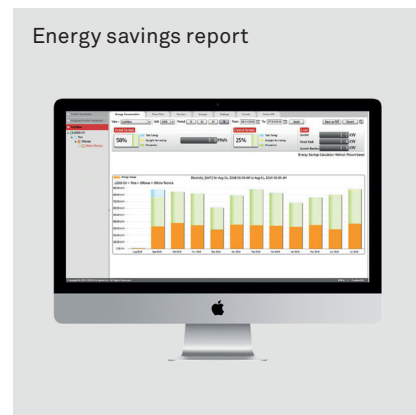
In common areas, its versatility allows directional lighting, and in addition to convenience, free-style effects are possible.

Connectivity and digital services

Connected lighting with LEDES C4 Smart Light for Office enables us to manage the project remotely, making it possible to monitor the installation, change the regulation profiles and visualise the lighting data through the DALI D4i platform.

The installation's key data points are the energy saving due to natural light and occupancy, the temperature of the spaces, as well as real-time reports of the state of the lighting and their flow maintenance, all through graphic panels and data records.

The data is available locally and in the cloud, and can be used by third-party applications or APPs via API, or through a BMS system, to provide a number of functions such as customising the temperature and lighting of the rooms, or reserving the spaces online.



Sevilla Fashion Outlet

High-quality energy-saving lighting

Sevilla Fashion Outlet is a company dedicated exclusively to retail-related services, offering high-end brands and boutiques. For its new offices, it has commissioned **LEDS C4** to adapt the design and implementation of the lighting project and control and connectivity to its brand image, as well as to the levels of energy-saving and lighting requirements established in WELL Certification.



Client
Value Retail Group

Architect
JJ Arquitectos

Lighting project design
LEDS C4

LEDS C4 Products
Infinite Pro, Play High Visual Comfort, Taglio di Luce, On (LED Strips), Pipe

Grok by LEDS C4 Products
Circular, Circ, Prime

Control, connectivity and digital services solutions
Smart Light for Office, by LEDS C4

Year
2019

Location
Seville, Spain

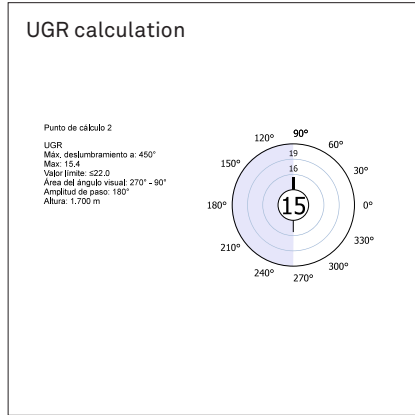
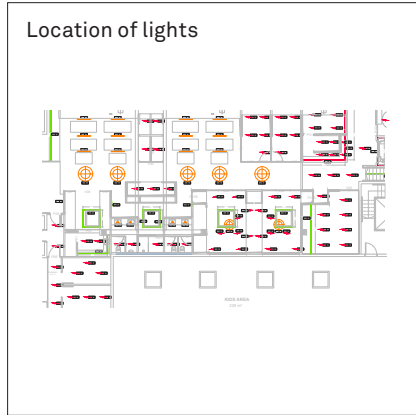
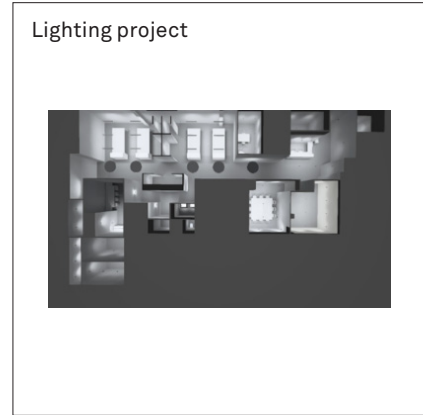
Requirements

- Comply with Well Building Standard certification, getting the highest score in lighting and its management.
- Comply with the Workplace Standard EN12464 on lighting comfort and glare for the worker.
- Design the lighting project taking into account occupancy in transit areas.
- Create a work space focused on people, optimising their performance and boosting their creativity.



Solution

Lighting project with glare analysis



Products

Application of connected lighting with a high degree of comfort and design, depending on the goal and architecture of each space.



In work areas, it guarantees adequate UGR.



In common areas, its versatility enables lighting that is directional and also comfortable, with a driver that allows a limited % flicker, supported by the Well Building Standard.

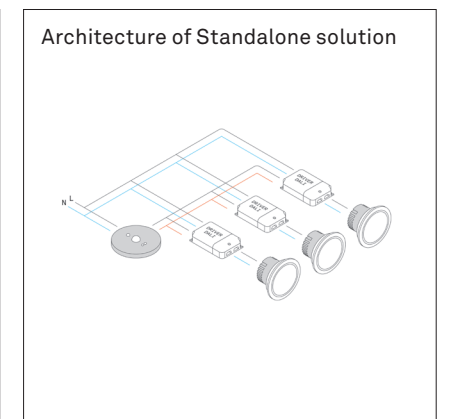
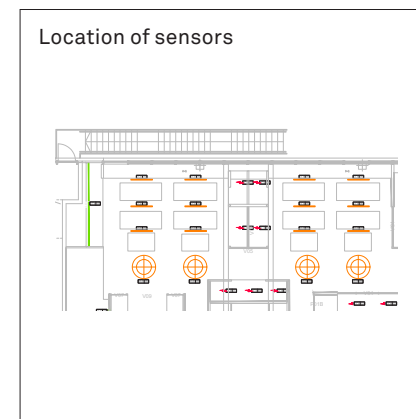


In transit areas, it guarantees efficient lighting with a large design component.



Control, connectivity and digital services solution

Thanks to the Smart Light for Offices solution by LEDES C4, the lights are controlled by presence and brightness sensors, in a DALI control environment, thus optimising energy saving.



Loom Torre Glories Office	Spain
Ducas Office Suite	UK
Razorfish Office	Germany
Skyline Hill Würzburg	Germany
City Gate Bremen	Germany
Sevilla Fashion Outlet Office	Spain
Institut IGH in Dubrovnik Office	Croatia
Arpège Trocadero Business Centre	France
Novartis Office	Spain
Obrein Office	Spain
Garabato Office	Guatemala
Garnier Office	Costa Rica
South Lanarkshire College	UK
Space Solutions Office Glasgow	UK
Wexford Borough District Office	Ireland
OSGA Office	Spain
Verdissimo Office	Spain
Modelo Ascend Office	Guatemala
Decorisima Office	Guatemala
Mercado Libre Office	Uruguay
Delta Pack Office	Sudan
ARPM Office	UK
Keepie Design Glasgow	UK
Eurofred Office	Spain
Tigo Building Office	Guatemala
Ondara Office	Spain
IPOS Stahlhandel Senden	Germany
Success Hotel Group Stuttgart und Bremen	Germany
Pay pal offices Manila	Philippines



Other projects

Product solutions

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Smart Light for Offices

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Services







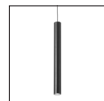













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Office Solutions




Product solutions

 Finelight p - 44	 Bento low voltage p - 101	 Attic p - 119	 Organic p - 135
 Infinite Pro p - 45	 Atom low voltage p - 102	 Punto p - 123	 Taglio recessed p - 136
 Taglio p - 57	 Kiwa low voltage p - 103	 Stylus p - 125	 Afrodita Infinite p - 137
 Tiras Led p - 67	 Vela low voltage p - 104	 Veneto p - 126	 Max p - 138
 Luno p - 69	 Punto low voltage p - 104	 Khoi p - 127	 Arc p - 141
 Sia p - 73	 Veneto low voltage p - 105	 Contrast p - 128	 Row p - 142
 Play p - 76	 Carril low voltage p - 106	 Glam p - 129	 Simenti p - 143
 Bento p - 92	 Atom p - 110	 Paso p - 130	 Redo emergency p - 144
 Biwa p - 97	 Carril p - 112	 Maai p - 132	 Flag emergency p - 145
 Multidir p - 98	 Pek p - 117	 Fino p - 133	 Deco emergency p - 146
 Infinite low voltage p - 100	 Napa p - 118	 H p - 134	

For more product solutions visit
www.leds-c4.com

Finelight N

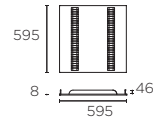
□ 14



BODY MAT AL DIF MAT PVC

4 50000h L80 B20 3 MacAdam

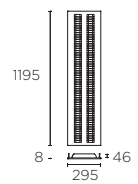
CONTROL P.152



LED								
K	CRI	W	Real lm	UGR				
4000	80	35	3452	<16	90-7835	- 14 -	DS	
4000	80	35	3452	<16	90-7836	- 14 -	OS	
4000	80	35	3452	<16	90-7840	- 14 -	WR	
4000	80	35	3452	<16	90-8105	- 14 -	WR	
TW	2700 - 6500	80	31,2	3165	<16	90-7839	- 14 -	TW

600x600

- DS DALI 220-240V 50-60Hz
- OS ON-OFF 220-240V 50-60Hz
- WR DALI D4i 220-240V 50-60Hz
- TW DALI DT8 220-240V 50-60Hz



LED							
K	CRI	W	Real lm	UGR			
4000	80	35	3459	<16	90-8001	- 14 -	DS
4000	80	35	3459	<16	90-8002	- 14 -	OS
4000	80	35	3459	<16	90-8003	- 14 -	WR

1200x300

- DS DALI 220-240V 50-60Hz
- OS ON-OFF 220-240V 50-60Hz
- WR DALI D4i 220-240V 50-60Hz

Not included

71-7841 - 00 - 00

Accessory for concealed/semi-concealed profile installation

90-7840-14-WR
90-8003-14-WR

Built-in Dali D4i sensor.

Infinite Pro 850 down

□ 14 N3 60 Z5* DL*

BODY MAT AL

50000h L80 B20 3 MacAdam LOW FLICKER

COMPATIBLE CASAMBI P.152

* Please contact our sales team for conditions and delivery times.

Component 1: structure

<p>Surfaced</p>   <p>15-7408 - 14 N3 60 Z5 DL - 00</p> <p>IP40</p>	<p>TRIMMED recessed</p>   <p>90-7408 - 14 - 00</p> <p>IP44</p>	<p>Suspended</p>   <p>00-7408 - 14 N3 60 Z5 DL - 00</p> <p>IP40</p>
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Not included

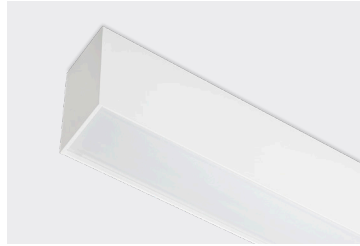
<p>ON-OFF 71-7520 - 14 60 N3 Z5 DL - 00</p> <p>DALI 71-7521</p> <p>Power supply unit @ 2,5m</p>	<p>ON-OFF 71-8112 - 14 - 00</p> <p>DALI DA</p> <p>TRIM 90° recessed joint</p>	<p>ON-OFF 71-8113 - 14 60 N3 Z5 DL - 00</p> <p>DALI DA</p> <p>Attached/suspended 90° joint</p>
<p>71-7518 - 14 60 N3 Z5 DL - 00</p> <p>Wall-mounting accessory</p>	<p>ON-OFF 71-7519 - 00 - 00</p> <p>DALI DA</p> <p>"I"-joint kit</p>	

Infinite Pro 850 down

BODY MAT AL DIF MAT PC 50000h L80 B20 3 MacAdam LOW FLICKER COMPATIBLE CASAMBI P.152 CONTROL P.152

Component 2: module

opal UGR <22

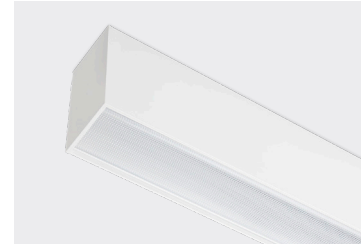


LED VOSSLÖH

K	CRI	W	Real lm	
3000	80	14,8	1496	71-7409
4000	80	14,8	1656	71-7410 - 14 - OS
3000	80	26	2406	71-7411
4000	80	26	2647	71-7412 - 14 - OS DS

OS ON/OFF 220-240V 50-60Hz
DS DALI-PUSH 220-240V 50-60Hz

microprisma UGR <19



LED VOSSLÖH

K	CRI	W	Real lm	
3000	80	14,8	1583	71-7413
4000	80	14,8	1742	71-7414 - 14 - OS
3000	80	26	2539	71-7415
4000	80	26	2793	71-7416 - 14 - OS DS

OS ON/OFF 220-240V 50-60Hz
DS DALI-PUSH 220-240V 50-60Hz

hexa-cell UGR <10

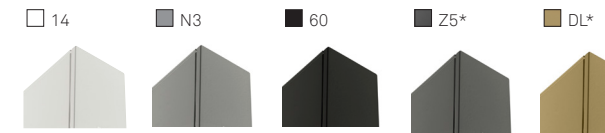


LED VOSSLÖH

K	CRI	W	Real lm	UGR	
3000	80	14,8	567	<10	71-7417
4000	80	14,8	624	<10	71-7418 - 60 - OS
3000	80	26	902	<13	71-7419
4000	80	26	992	<13	71-7420 - 60 - OS DS

OS ON/OFF 220-240V 50-60Hz
DS DALI-PUSH 220-240V 50-60Hz

Infinite Pro 1120 down

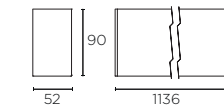


* Please contact our sales team for conditions and delivery times..

BODY MAT AL 50000h L80 B20 3 MacAdam LOW FLICKER COMPATIBLE LIGHT FOR LIFE P.150 COMPATIBLE CASAMBI P.152

Component 1: structure

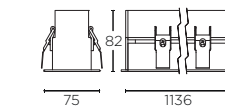
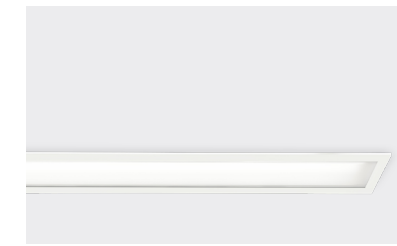
Surfaced



15-7434 - 14 N3 60 Z5 DL - 00

IP40

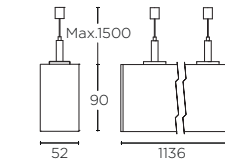
TRIMMED recessed



90-7434 - 14 - 00

IP44

Suspended



00-7434 - 14 N3 60 Z5 DL - 00

IP40

Not included

ON-OFF **71-7520** - 14 60 N3 Z5 DL - 00
DALI **71-7521**
Power supply unit @ 2,5m

71-7518 - 14 60 N3 Z5 DL - 00

Wall-mounting accessory

ON-OFF **71-8112** - 14 - 00
DALI **DA**
TRIM 90° recessed joint

ON-OFF **71-7519** - 00 - 00
DALI **DA**

"I"-joint kit

ON-OFF **71-8113** - 14 60 N3 Z5 DL - 00
DALI **DA**
Attached/suspended 90° joint

Infinite Pro 1120 down

BODY MAT AL DIF MAT PC 50000h L80 B20 3 MacAdam LOW FLICKER COMPATIBLE LIGHT FOR LIFE P.150 COMPATIBLE CASAMBI P.152 CONTROL P.152

Component 2: module

opal UGR <22



LED VOSSLÖH

K	CRI	W	Real lm
3000	80	19,6	1913
4000	80	19,6	2105
3000	80	34	3046
4000	80	34	3351

OS ON/OFF 220-240V 50-60Hz
 OU ON/OFF 100-240V 50-60Hz
 DS DALI-PUSH 220-240V 50-60Hz

track



71-7463 - 14 60 - 00

microprisma UGR <19



LED VOSSLÖH

K	CRI	W	Real lm
3000	80	19,6	1974
4000	80	19,6	2172
3000	80	34	3146
4000	80	34	3461

OS ON/OFF 220-240V 50-60Hz
 OU ON/OFF 100-240V 50-60Hz
 DS DALI-PUSH 220-240V 50-60Hz

hexa-cell UGR <13

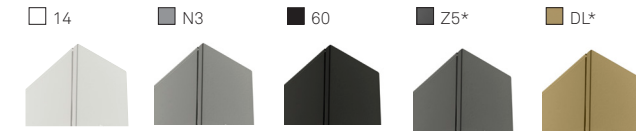


LED VOSSLÖH

K	CRI	W	Real lm
3000	80	19,6	740
4000	80	19,6	814
3000	80	34	1183
4000	80	34	1301

OS ON/OFF 220-240V 50-60Hz
 OU ON/OFF 100-240V 50-60Hz
 DS DALI-PUSH 220-240V 50-60Hz

Infinite Pro 1120 down Tunable White

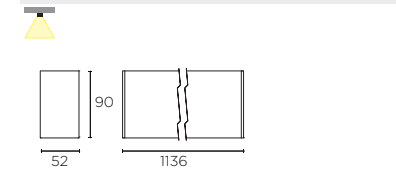
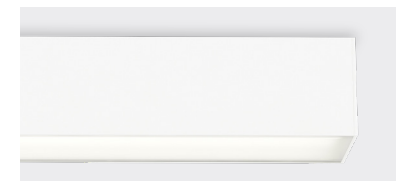


* Please contact our sales team for conditions and delivery times.

BODY MAT AL 50000h L80 B20 3 MacAdam COMPATIBLE LIGHT FOR LIFE P.150 COMPATIBLE CASAMBI P.152 CONTROL P.152

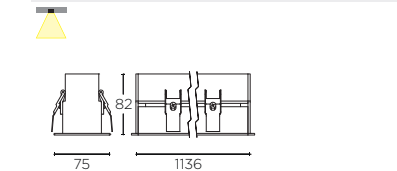
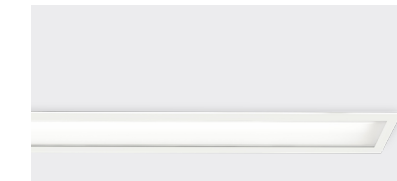
Component 1: structure

Surfaced



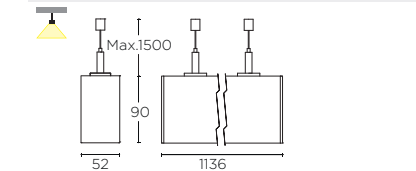
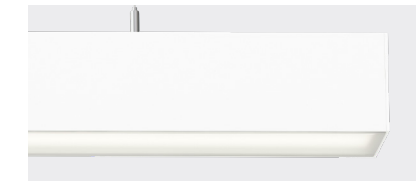
15-7434 - 14 N3 60 Z5 DL - 00

TRIMMED recessed



90-7434 - 14 - 00

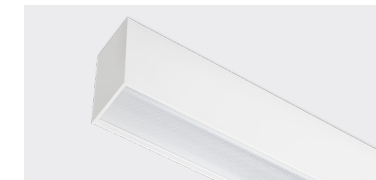
Suspended



00-7434 - 14 N3 60 Z5 DL - 00

Component 2: module

microprisma UGR <19



LED OSRAM

K	CRI	W	Real lm
2700-6500	80	31	3187

TW DALI DT8 220-240V 50-60Hz

hexa-cell UGR <13



LED OSRAM

K	CRI	W	Real lm
2700-6500	80	31	1449

TW DALI DT8 220-240V 50-60Hz

Not included

ON-OFF 71-7520 - 14 60 N3 Z5 DL - 00
 DALI 71-7521

Power supply unit @ 2,5m

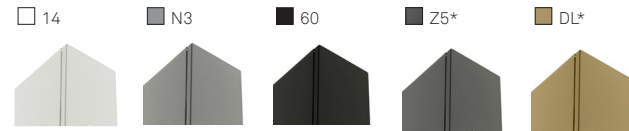
DALI 71-8246 - 00 - DA

Profile union kit

71-7518 - 14 60 N3 Z5 DL - 00

Wall-mounting accessory

Infinite Pro 1120 down DALI D4i



* Please contact our sales team for conditions and delivery times.

BODY MAT AL DIF MAT PC 50000h L80 B20 3 MacAdam COMPATIBLE LIGHT FOR LIFE P.150 COMPATIBLE CASAMBI P.152 CONTROL P.152

Component 1: structure

Surfaced

15-7434 - 14 N3 60 Z5 DL - 00
IP40

TRIMMED recessed

90-7434 - 14 - 00
IP44

Suspended

00-7434 - 14 N3 60 Z5 DL - 00
IP44

Component 2: module

microprisma UGR <19

LED VOSSLOH

K	CRI	W	Real lm
3000	80	34	3146
4000	80	34	3461

71-7441 - 14 - WR
71-7442 - 14 - WR
WR DALI D4i 120-277V 50-60Hz

hexa-cell UGR <13

LED VOSSLOH

K	CRI	W	Real lm
3000	80	34	1183
4000	80	34	1301

71-7445 - 60 - WR
71-7446 - 60 - WR
WR DALI D4i 120-277V 50-60Hz

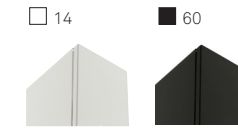
Not included

ON-OFF DALI 71-7520 71-7521 - 14 60 N3 Z5 DL - 00
Power supply unit © 2,5m

DALI 71-8246 - 00 - DA
Profile union kit

71-7518 - 14 60 N3 Z5 DL - 00
Wall-mounting accessory

Infinite Pro 1120 up&down Tunable White N



BODY MAT AL 50000h L80 B20 3 MacAdam COMPATIBLE CASAMBI P.152 CONTROL P.152

Component 1: structure

UP&DOWN Suspended

LED OSRAM

K	CRI	W	Real lm
2700-6500	80	26,6	3614

00-7829 - 14 60 - TW

Component 2: module

microprisma UGR <22

LED OSRAM

K	CRI	W	Real lm
2700-6500	80	31	3187

71-7828 - 14 - TW
TW DALI DT8 220-240V 50-60Hz

hexa-cell UGR <13

LED OSRAM

K	CRI	W	Real lm
2700-6500	80	31	1449

71-7826 - 60 - TW
TW DALI DT8 220-240V 50-60Hz

The Up&Down TW structure plus the TW module have independent drivers. They allow separate regulation.

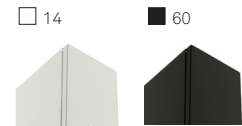
Not included

ON-OFF DALI 71-7520 71-7521 - 14 60 - 00
Power supply unit © 2,5m

71-7518 - 14 60 - 00
Wall-mounting accessory

71-8246 - 00 - DA
Profile union kit

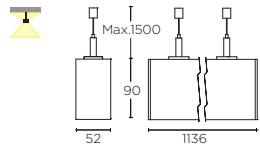
Infinite Pro 1120 up&down DALI D4i N



BODY MAT AL ± 50000h L80 B20 3 MacAdam COMPATIBLE CASAMBI P.152 CONTROL P.152

Component 1: structure

UP&DOWN Suspended



LED VOSSLÖH						
K	CRI	W	Real lm			
3000	80	16,2	1924	00-7464	- 14	- WR
4000	80	16,2	2116	00-7560	- 60	- WR

Component 2: module

microprisma UGR <22



LED VOSSLÖH						
K	CRI	W	Real lm			
3000	80	34	3146	71-7471	- 14	- WR
4000	80	34	3461	71-7472	- 60	- WR

WR DALI D4i 120-277V 50-60Hz

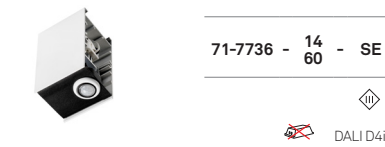
hexa-cell UGR <13



LED VOSSLÖH						
K	CRI	W	Real lm			
3000	80	34	1183	71-7475	- 60	- WR
4000	80	34	1301	71-7476	- 60	- WR

WR DALI D4i 120-277V 50-60Hz

Not included



71-7736 - 14 - SE
60

Sensor based on Dali D4i technology compatible with DALI D4i driver module.

X DALI D4i

Not included

71-7520 - 14 - 00
71-7521 - 60 - 00

Power supply unit Ⓢ 2,5m

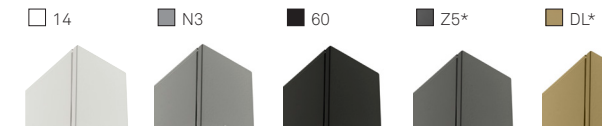
71-7518 - 14 60 - 00

■ Wall-mounting accessory

71-8246 - 00 - DA

Profile union kit

Infinite Pro 1600 down

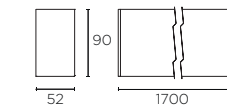
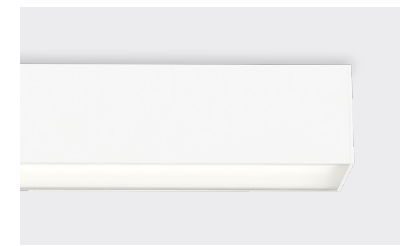


* Please contact our sales team for conditions and delivery times.

BODY MAT AL ± ☀ 50000h L80 B20 3 MacAdam LOW FLICKER COMPATIBLE CASAMBI P.152

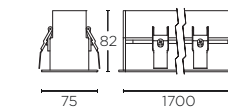
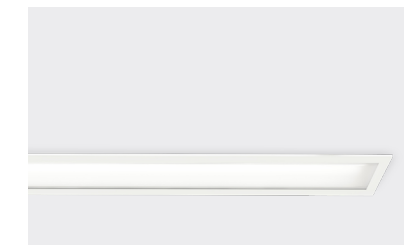
Component 1: structure

Surfaced



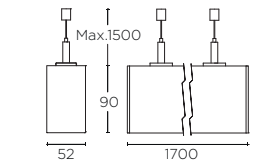
15-7494 - 14 N3 60 Z5 DL - 00
IP40

TRIMMED recessed



90-7494 - 14 - 00
IP44

Suspended



00-7494 - 14 N3 60 Z5 DL - 00
IP40

Not included

71-7520 - 14 60 N3 Z5 DL - 00
71-7521 - 60 - 00

Power supply unit Ⓢ 2,5m

71-8112 - 14 - 00
71-8113 - 60 N3 Z5 DL - DA

TRIM 90° recessed joint

71-8113 - 14 60 N3 Z5 DL - 00
71-8114 - 60 N3 Z5 DL - DA

Attached/suspended 90° joint

71-7518 - 14 60 N3 Z5 DL - 00

■ Wall-mounting accessory

71-7519 - 00 - 00
71-7520 - 60 - DA

"I"-joint kit

Infinite Pro 1600 down

BODY MAT AL DIF MAT PC 50000h L80 B20 3 MacAdam LOW FLICKER COMPATIBLE CASAMBI P.152 CONTROL P.152

Component 2: module Komponent 2: Modul



LED VOSSLOH

K	CRI	W	Real lm	Part No.	UGR	Control
3000	80	29,6	2870	71-7495	<22	OS
4000	80	29,6	3158	71-7496	<22	OS
3000	80	52	4646	71-7654	<19	OS
4000	80	52	5111	71-7655	<19	DS

OS ON/OFF 220-240V 50-60Hz
DS DALI-PUSH 220-240V 50-60Hz

LED VOSSLOH

K	CRI	W	Real lm	Part No.	UGR	Control
3000	80	29,6	3033	71-7497	<19	OS
4000	80	29,6	3337	71-7498	<19	OS
3000	80	52	4927	71-7499	<10	OS
4000	80	52	5420	71-7500	<10	DS

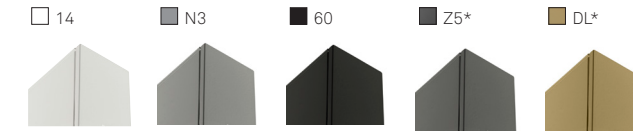
OS ON/OFF 220-240V 50-60Hz
DS DALI-PUSH 220-240V 50-60Hz

LED VOSSLOH

K	CRI	W	Real lm	Part No.	UGR	Control
3000	80	29,6	1120	71-7501	<10	OS
4000	80	29,6	1233	71-7502	<10	OS
3000	80	52	1803	71-7503	<10	OS
4000	80	52	1983	71-7504	<10	DS

OS ON/OFF 220-240V 50-60Hz
OU ON/OFF 100-240V 50-60Hz
DS DALI-PUSH 220-240V 50-60Hz

Infinite Pro 1600 up&down



* Please contact our sales team for conditions and delivery times.

BODY MAT AL DIF MAT PC 50000h L80 B20 3 MacAdam LOW FLICKER COMPATIBLE CASAMBI P.152 CONTROL P.152

Component 1: structure

Suspended



LED VOSSLOH

K	CRI	W	Real lm	Part No.	UGR	Control
3000	80	25,6	3097	00-7505	<22	OS
4000	80	25,6	3408	00-7561	<22	OS

IP40

Component 2: module



LED VOSSLOH

K	CRI	W	Real lm	Part No.	UGR	Control
3000	80	29,6	2870	71-7506	<22	OS
4000	80	29,6	3158	71-7507	<22	OS
3000	80	52	4646	71-7508	<19	OS
4000	80	52	5111	71-7509	<19	DS

OS ON/OFF 220-240V 50-60Hz
DS DALI-PUSH 220-240V 50-60Hz

LED VOSSLOH

K	CRI	W	Real lm	Part No.	UGR	Control
3000	80	29,6	3033	71-7510	<19	OS
4000	80	29,6	3337	71-7511	<19	OS
3000	80	52	4927	71-7512	<10	OS
4000	80	52	5420	71-7513	<10	DS

OS ON/OFF 220-240V 50-60Hz
DS DALI-PUSH 220-240V 50-60Hz

LED VOSSLOH

K	CRI	W	Real lm	Part No.	UGR	Control
3000	80	29,6	1120	71-7514	<10	OS
4000	80	29,6	1233	71-7515	<10	OS
3000	80	52	1803	71-7516	<10	OS
4000	80	52	1983	71-7517	<10	DS

OS ON/OFF 220-240V 50-60Hz
DS DALI-PUSH 220-240V 50-60Hz

DS The DALI regulator controls both indirect (up) and direct (down) light emission.

Not included

ON-OFF	71-7520	- 14 60 N3 Z5 DL - 00
DALI	71-7521	
Power supply unit		© 2,5m

71-7518 - 14 60 N3 Z5 DL - 00

Wall-mounting accessory

ON-OFF	71-8114	- 14 60 N3 Z5 DL - 00
DALI		DA
Up&Down 90° joint		

ON-OFF 71-7519 - 00 - 00
DALI DA

"I"-joint kit

Infinite Pro C

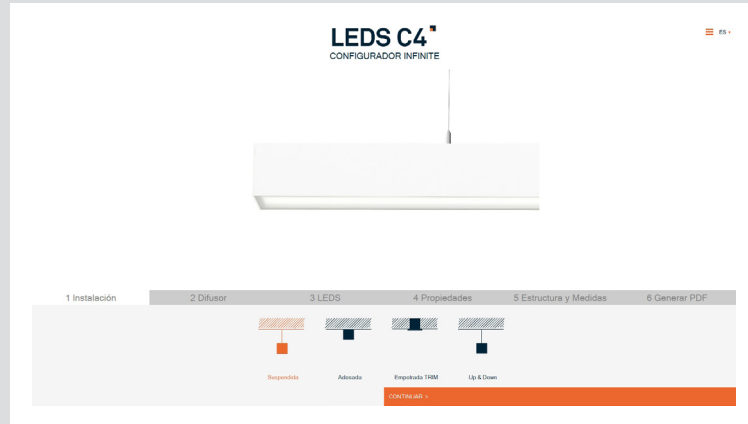
Customise the Infinite collection.

Thanks to the Infinite collection configurator application, you can customise the product features to your project's specific needs.

infinite.leds-c4.com

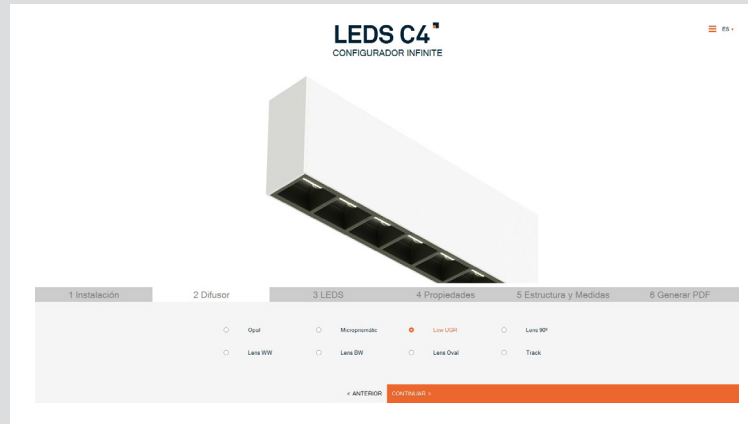
—1

Choose the installation type from the suggested options:
Suspended
Attached
Recessed TRIM
Up & Down



—2

Select one of the eight diffuser options.



—3

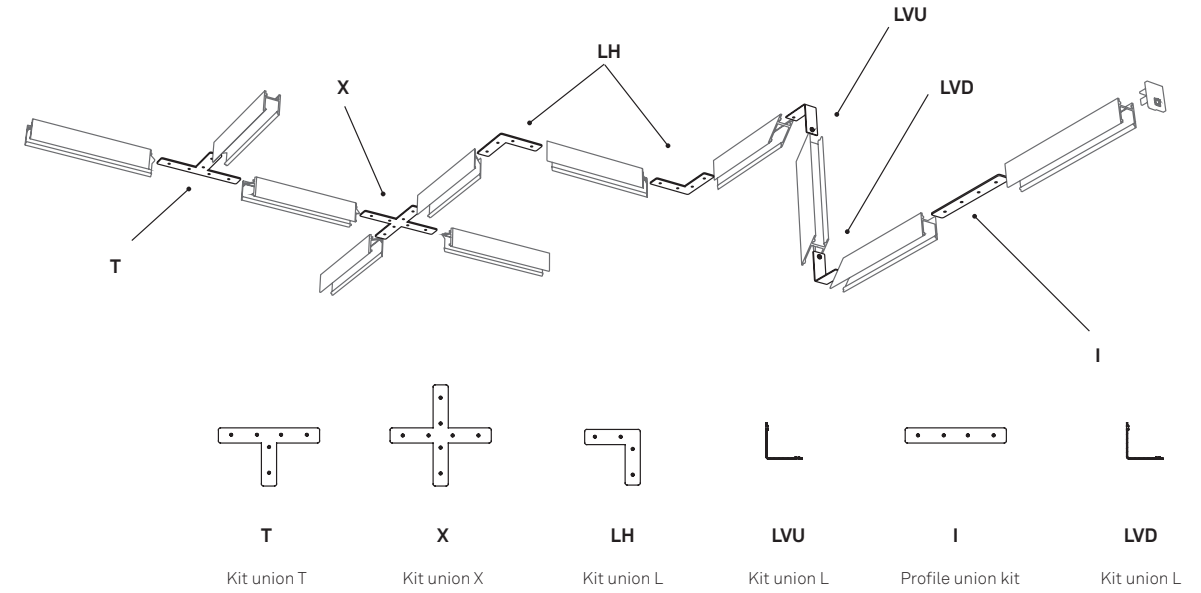
Choose the desired shape and specify the measurements. Gather all the technical information, as well as the photometry in a single document, and under a specific code.



Taglio di luce Direct

19 / 35 / 50 mm **TRIMLESS**

19 / 35 / 50 mm **trim**



✂ Custom cut - Taglio di Luce

If you want a Taglio di Luce profile in a special size, you can request a straight, customised length when you place your order.

Benefits of custom cuts

- Get the exact measurement you need for your project.
- You will receive your order with the number of required taglio di luce.
- You will be able to identify each cut by a label with the chosen placement area name on the strip.

Conditions of use

- All cut to length profiles include an installation kit, covers, diffusers and the necessary connectors.
- Profiles can be up to a maximum 3 metres long. For larger sizes, the Y-joint kits will be included so the desired size can be constructed.
- As far as possible, and up to 10 m in length, the diffuser will be delivered in a single, uncut section.

How does it work?

1. The reference number.
2. The "L" code that shows the "Cut to length" measurement.
3. The number of the cut unit.
4. The total length of each profile in meters (m).
5. Write the area to be placed, which will be printed on the packaging (optional).

Example of construction of the cut-to-size code:

Reference number	Cut to length code (L)	Units	Length per unit (mm)	Identifier (optional)
71-5740-14-00	L	3	1500	Lounge2

✂ Custom cut - Taglio di Luce

If you require a Taglio di Luce section with a special measurement, below you'll find the cut-to-size codes:

MODEL		TRIM/TRIMLESS	REFERENCE
19mm		TRIM	71-5740-14-00L
		TRIMLESS	71-5743-14-00L
35mm		TRIM	71-5746-14-00L
		TRIMLESS	71-5749-14-00L
50mm		TRIM	71-8084-14-00L
		TRIMLESS	71-5755-14-00L
INDIRECT		RECESSED	71-5761-14-00L
		SURFACE	71-5764-14-00L

Example of construction of the cut-to-size code:

Reference number	Cut to length code (L)	Units	Length per unit (mm)	Identifier (optional)
71-5740-14-00	L	3	1500	Lounge2

Taglio di luce 19 mm

□ 14



BODY MAT

ST

IP20



CUSTOM CUT
P.58

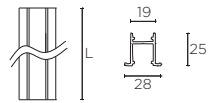


trim



L

1000 mm **71-5738**
2000 mm **71-5739 - 14 - 00**
3000 mm **71-5740**

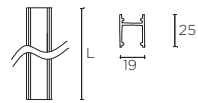


TRIMLESS
randlos



L

1000 mm **71-5741**
2000 mm **71-5742 - 14 - 00**
3000 mm **71-5743**



TRIM NOT INCLUDED / required

TRIMLESS NOT INCLUDED / required



71-5765 - 14 - 00

End cap / 2 units/ref



71-5766 - 14 - 00

End cap / 2 units/ref



71-5511 - 00 - 00

Recessed kit 1000mm



71-5786 - 00 - 00

Recessed kit 1000mm

100

100

TRIMLESS & TRIM NOT INCLUDED / required



L

1000 mm **71-5771**
2000 mm **71-5772**
3000 mm **71-5773 - 00 - 00**
10000 mm **71-5774**

DIF.MAT PC Tinted diffuser

TRIMLESS & TRIM NOT INCLUDED / required



L

1000 mm **71-5775**
2000 mm **71-5776**
3000 mm **71-5777 - 00 - 00**
10000 mm **71-5778**

DIF.MAT PC Tinted diffuser

TRIMLESS & TRIM NOT INCLUDED



71-5782 - 00 - 00

I

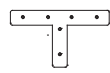
Profile union kit



71-5783 - 00 - 00

LH

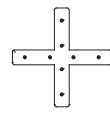
Kit union L



71-5784 - 00 - 00

T

Kit union T



71-5785 - 00 - 00

X

Kit union X



71-5757 - 00 - 00

LVU

Kit union L

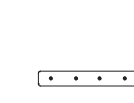


71-5758 - 00 - 00

LVD

Kit union L

TRIMLESS & TRIM NOT INCLUDED



71-5782 - 00 - 00

I

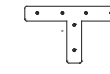
Profile union kit



71-5783 - 00 - 00

LH

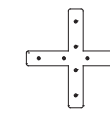
Kit union L



71-5784 - 00 - 00

T

Kit union T



71-5785 - 00 - 00

X

Kit union X



71-5757 - 00 - 00

LVU

Kit union L



71-5758 - 00 - 00

LVD

Kit union L

Taglio di luce 50 mm

□ 14



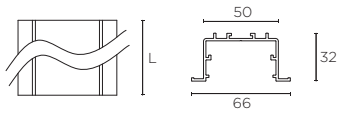
BODY MAT AL IP20

CUSTOM CUT
P.58

trim



L	
1000 mm	71-8082
2000 mm	71-8083 - 14 - 00
3000 mm	71-8084



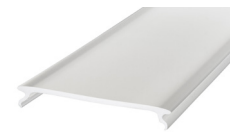
TRIM NOT INCLUDED / required

71-7640 - 14 - 00
End cap / 2 units/ref

71-5511 - 00 - 00
Recessed kit 1000mm

□ 100

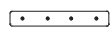
TRIM NOT INCLUDED / required



L	
1000 mm	71-5779
2000 mm	71-5780 - 00 - 00
3000 mm	71-5781
10000 mm	71-5486

DIF MAT PC Tinted diffuser

TRIM NOT INCLUDED



71-5782 - 00 - 00

I

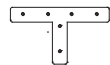
Profile union kit



71-5783 - 00 - 00

LH

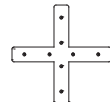
Kit union L



71-5784 - 00 - 00

T

Kit union T



71-5785 - 00 - 00

X

Kit union X



71-5757 - 00 - 00

LVU

Kit union L



71-5758 - 00 - 00

LVD

Kit union L

Taglio di luce 50 mm

□ 14



BODY MAT AL IP20 □ 1

CUSTOM CUT /
P.58

TRIMLESS



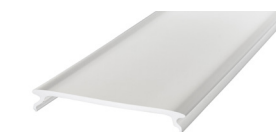
L	
1000 mm	71-5753
2000 mm	71-5754 - 14 - 00
3000 mm	71-5755

TRIMLESS NOT INCLUDED / required

71-5770 - 14 - 00
End cap / 2 units/ref

71-5788 - 00 - 00
Recessed kit 1000mm

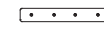
TRIMLESS NOT INCLUDED / required



L	
1000 mm	71-5779
2000 mm	71-5780 - 00 - 00
3000 mm	71-5781
10000 mm	71-5486

DIF MAT PC Tinted diffuser

TRIMLESS NOT INCLUDED



71-5782 - 00 - 00

I

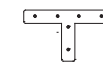
Profile union kit



71-5783 - 00 - 00

LH

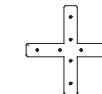
Kit union L



71-5784 - 00 - 00

T

Kit union T



71-5785 - 00 - 00

X

Kit union X



71-5757 - 00 - 00

LVU

Kit union L



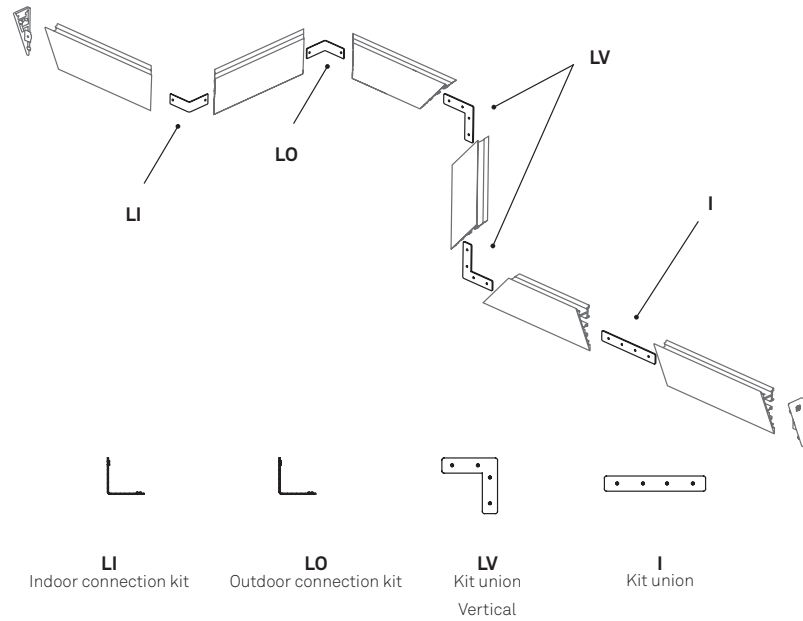
71-5758 - 00 - 00

LVD

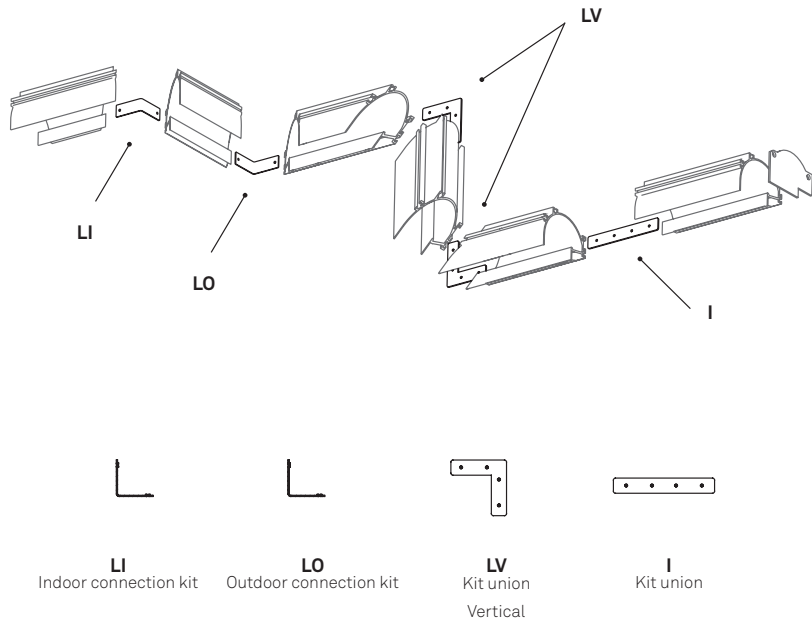
Kit union L

Taglio di luce Indirect

Surface



Recessed



Taglio di luce Indirect

□ 14



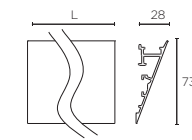
BODY MAT AL IP20

CUSTOM CUT P.58

Surface



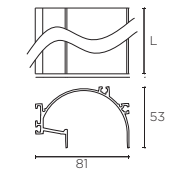
L	
1000 mm	71-5759
2000 mm	71-5760 - 14 - 00
3000 mm	71-5761



Recessed



L	
1000 mm	71-5762
2000 mm	71-5763 - 14 - 00
3000 mm	71-5764



Surface NOT INCLUDED / required



71-5608 - 14 - 00
End cap / 2 units/ref

Recessed NOT INCLUDED / required



71-5609 - 14 - 00
End cap / 2 units/ref



71-5756 - 14 - 00
Wall mount kit / 3 units/ref



71-5789 - 00 - 00
Recessed kit 1000mm

Surface & Recessed NOT INCLUDED / required



L	
1000 mm	71-5771
2000 mm	71-5772 - 00 - 00
3000 mm	71-5773
10000 mm	71-5774

DIF MAT PC Tinted diffuser

Surface & Recessed NOT INCLUDED



71-5782 - 00 - 00

I
Profile union kit



71-5783 - 00 - 00

LV
Vertical Kit union L



71-5757 - 00 - 00

LO
Kit union L



71-5758 - 00 - 00

LI
Kit union L

Custom cut - On Performance

If you want a LED strip in a special size, you can request a straight, customised length when you place your order.

Benefits of custom cuts

- Get the exact measurement you need for your project.
- You will receive your order with the number of required LED strips.
- You will be able to identify each cut by a label with the chosen placement area name on the strip.

Conditions of use

- The requested measure must be a multiple of the chosen reference's minimum cut, which is shown in the Cut to length code table.
- The maximum cut length may not be greater than the maximum length of the series connector, as shown in the Cut to length code table.
- All references cut to size will include a 20 cm cable at one end to facilitate the connection.
- Up to 50 m coils can be ordered depending on the reference. Consult the customer service team.

How does it work?

To order a custom cut, create a product code specifying:

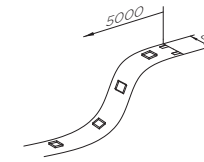
1. The reference number.
2. The "L" code that shows the "Cut to length" measurement.
3. The number of the cut unit.
4. The total length of each strip in mm.
5. Write the area to be placed, which will be printed on the packaging (optional).

Example of construction of the cut-to-size code:

Reference number	Cut to length code (L)	Units	Length per unit (mm)	Identifier (optional)
91-7908-00-00	L	3	3000	Room

On Performance 9,6 N

100 50000h L80 B20 3 MacAdam 120° COMPATIBLE WITH LINEAL RECOM TAGLIO DI LUCE P.57 CONTROL P.152



LED							
IP	K	CRI	W	Real lm	W/1m	Real lm/1m	
20	2700	90	48	4264	9,6	852,8	91-7930 - 00 - 00
	3000	90	48	4264	9,6	852,8	91-7931 - 00 - 00

6m P.149 24VDC DIM

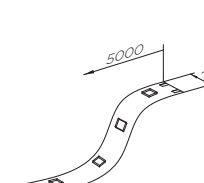
CUSTOM CUT

LED							
IP	K	CRI	W/m	Real lm/m	size (mm.)	Minimum cutting length (mm.)	Maximum xm. xxx+xxx
20	2700	90	9,6	852,8	50000	50	6 91-7930 - 00 - 00L
	3000	90	9,6	852,8	50000	50	6 91-7931 - 00 - 00L

P.149 24VDC DIM

On Performance 14,4 N

100 50000h L80 B20 3 MacAdam 120° COMPATIBLE WITH LINEAL RECOM TAGLIO DI LUCE P.57 CONTROL P.152



LED							
IP	K	CRI	W	Real lm	W/1m	Real lm/1m	
20	2700	90	72	5804	14,4	1160,8	91-7932 - 00 - 00
	3000	90	72	5804	14,4	1160,8	91-7933 - 00 - 00

6m P.149 24VDC DIM

CUSTOM CUT

LED							
IP	K	CRI	W/m	Real lm/m	size (mm.)	Minimum cutting length (mm.)	Maximum xm. xxx+xxx
20	2700	90	14,2	1160,8	50000	50	6 91-7932 - 00 - 00L
	3000	90	14,2	1160,8	50000	50	6 91-7933 - 00 - 00L

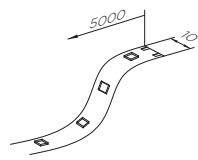
P.149 24VDC DIM

Example of construction of the cut-to-size code: /

Reference number	Cut to length code (L)	Units	Length per unit (mm)	Identifier (optional)
91-7930-00-00	L	3	3000	Restaurant

On Performance 19,2 N

100 50000h L80 B20 3 MacAdam 120° COMPATIBLE WITH LINEAL RECOM TAGLIO DI LUCE P.57 CONTROL P.152



IP	K	CRI	W	Real lm	W/1m	Real lm/1m	
20	2700	90	96	7966	19,2	1593,2	91-7934 - 00 - 00
	3000	90	96	7966	19,2	1593,2	91-7935 - 00 - 00
	4000	90	96	7966	19,2	1593,2	91-7936 - 00 - 00
20	RGB	-	72	3190	14,4	638	91-7937 - 00 - 00
	RGBW (3000)	90	96	4574	19,2	914,8	91-7938 - 00 - 00
	CCT (2500-6000)	90	96	7973	19,2	1594,6	91-7939 - 00 - 00

5m P.149 24VDC DIM

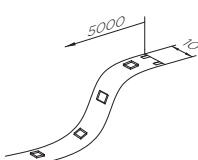
CUSTOM CUT

IP	K	CRI	W/m	Real lm/m	size (mm.)	Minimum cutting length (mm.)	Maximum xm. +mm	
20	2700	90	19,2	1593,2	50000	62,5	5	91-7934 - 00 - 00L
	3000	90	19,2	1593,2	50000	62,5	5	91-7935 - 00 - 00L
	4000	90	19,2	1593,2	50000	62,5	5	91-7936 - 00 - 00L
20	RGB	-	19,2	638	50000	71	5	91-7937 - 00 - 00L
	RGBW (3000)	90	19,2	914,8	50000	125	5	91-7938 - 00 - 00L
	CCT (2500-6000)	90	19,2	1594,6	50000	125	5	91-7939 - 00 - 00L

P.149 24VDC DIM

On Performance 28,8 N

100 50000h L80 B20 3 MacAdam 120° COMPATIBLE WITH LINEAL RECOM TAGLIO DI LUCE P.57 CONTROL P.152



IP	K	CRI	W	Real lm	W/1m	Real lm/1m	
20	2700	90	144	12643	28,8	2528,6	91-7940 - 00 - 00
	3000	90	144	12643	28,8	2528,6	91-7941 - 00 - 00

5m P.149 24VDC DIM

CUSTOM CUT

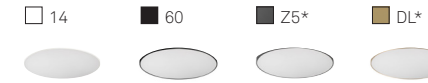
IP	K	CRI	W/m	Real lm/m	size (mm.)	Minimum cutting length (mm.)	Maximum xm. +mm	
20	2700	90	28,8	2528,6	50000	42	5	91-7940 - 00 - 00L
	3000	90	28,8	2528,6	50000	42	5	91-7941 - 00 - 00L

P.149 24VDC DIM

Example of construction of the cut-to-size code: /

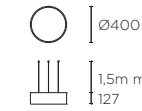
Reference number	Cut to length code (L)	Units	Length per unit (mm)	Identifier (optional)
91-7934-00-00	L	3	3000	Room

Luno recessed



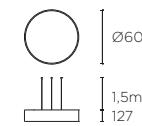
* Please contact our sales team for conditions and delivery times.

BODY MAT AL DIF MAT PMMA 50000h L80 B10 COMPATIBLE LIGHT FOR LIFE P.150 COMPATIBLE CASAMBI P.152 CONTROL P.152



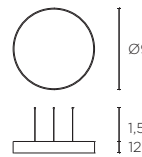
K	CRI	W	Real lm	UGR	
3000	80	24,5	2389	<19	90-5922
4000	80	24,5	2389	<19	90-5923

ON/OFF 100-240V 50-60Hz
1-10V 100-240V 50-60Hz



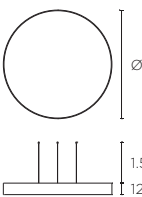
K	CRI	W	Real lm	UGR	
3000	80	52	5083	<19	90-5924
4000	80	52	5083	<19	90-5925

ON/OFF 100-240V 50-60Hz
1-10V 100-240V 50-60Hz



K	CRI	W	Real lm	UGR	
3000	80	97	9687	<19	90-5926
4000	80	97	9687	<19	90-5927

ON/OFF 100-240V 50-60Hz
1-10V 100-240V 50-60Hz



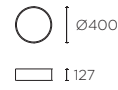
K	CRI	W	Real lm	UGR	
3000	80	146	15065	<19	90-5928
4000	80	146	15065	<19	90-5929

ON/OFF 100-240V 50-60Hz
1-10V 100-240V 50-60Hz

Luno surface Opal N



BODY MAT AL IP23 50000h L80 B20 3 MacAdam COMPATIBLE LIGHT FOR LIFE P.150 COMPATIBLE CASAMBI P.152 CONTROL P.152



LED SAMSUNG		K	CRI	W	Real lm	UGR	
		3000	80	24,5	2389	<19	15-5922
		4000	80	24,5	2389	<19	15-5923

TW		K	CRI	W	Real lm	UGR	
		2700 - 6500	90	22,4	1892	<19	15-7842 - 14 60 - TW

DIF MAT PMMA

DS DALI 220-240V 50-60Hz
TW DALI DT8 220-240V 50-60Hz



LED SAMSUNG		K	CRI	W	Real lm	UGR	
		3000	80	50,4	5083	<19	15-5924
		4000	80	50,4	5083	<19	15-5925

TW		K	CRI	W	Real lm	UGR	
		2700 - 6500	90	47	4028	<19	15-7843 - 14 60 - TW

DIF MAT PMMA

DS DALI 220-240V 50-60Hz
TW DALI DT8 220-240V 50-60Hz

Luno surface Low UGR Microprismatic N



LED SAMSUNG		K	CRI	W	Real lm	UGR	
		3000	80	24,5	2045	<16	15-7806
		4000	80	24,5	2045	<16	15-7807

TW		K	CRI	W	Real lm	UGR	
		2700 - 6500	90	22,4	1584	<16	15-7810 - 14 60 - TW

DIF MAT PMMA / PE

DS DALI 220-240V 50-60Hz
TW DALI DT8 220-240V 50-60Hz



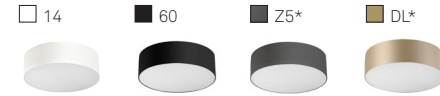
LED SAMSUNG		K	CRI	W	Real lm	UGR	
		3000	80	50,4	4380	<16	15-7808
		4000	80	50,4	4380	<16	15-7809

TW		K	CRI	W	Real lm	UGR	
		2700 - 6500	90	47	3361	<16	15-7811 - 14 60 - TW

DIF MAT PMMA / PE

DS DALI 220-240V 50-60Hz
TW DALI DT8 220-240V 50-60Hz

Luno surface



* Please contact our sales team for conditions and delivery times.

BODY MAT AL DIF MAT PMMA IP23 50000h L80 B10 COMPATIBLE LIGHT FOR LIFE P.150 COMPATIBLE CASAMBI P.152 CONTROL P.152



LED SAMSUNG		K	CRI	W	Real lm	UGR	
		3000	80	24,5	2389	<19	15-5922
		4000	80	24,5	2389	<19	15-5923

TW		K	CRI	W	Real lm	UGR	
		2700 - 6500	90	22,4	1892	<19	15-7842 - 14 60 - TW

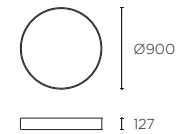
OU ON/OFF 100-240V 50-60Hz
RU 1-10V 100-240V 50-60Hz



LED SAMSUNG		K	CRI	W	Real lm	UGR	
		3000	80	52	5083	<19	15-5924
		4000	80	52	5083	<19	15-5925

TW		K	CRI	W	Real lm	UGR	
		2700 - 6500	90	47	4028	<19	15-7843 - 14 60 - TW

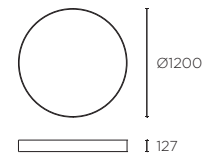
OU ON/OFF 100-240V 50-60Hz
RU 1-10V 100-240V 50-60Hz



LED SAMSUNG		K	CRI	W	Real lm	UGR	
		3000	80	97	9687	<19	15-5926
		4000	80	97	9687	<19	15-5927

TW		K	CRI	W	Real lm	UGR	
		2700 - 6500	90	97	9687	<19	15-7810 - 14 60 - TW

OU ON/OFF 100-240V 50-60Hz
RU 1-10V 100-240V 50-60Hz

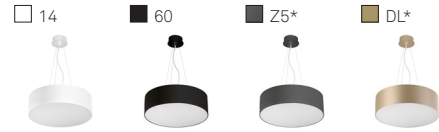


LED SAMSUNG		K	CRI	W	Real lm	UGR	
		3000	80	146	15065	<19	15-5928
		4000	80	146	15065	<19	15-5929

TW		K	CRI	W	Real lm	UGR	
		2700 - 6500	90	146	15065	<19	15-7811 - 14 60 - TW

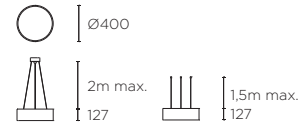
OU ON/OFF 100-240V 50-60Hz
RU 1-10V 100-240V 50-60Hz

Luno pendant



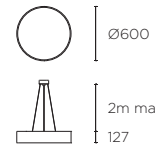
* Please contact our sales team for conditions and delivery times.

BODY MAT AL DIF MAT PMMA 50000h L80 B10 COMPATIBLE LIGHT FOR LIFE P.150 COMPATIBLE CASAMBI P.152 CONTROL P.152



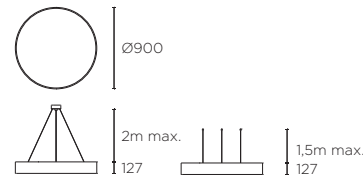
LED SAMSUNG						
K	CRI	W	Real lm	UGR		
3000	80	24,5	2389	<19	00-5922	- 14 60 Z5 DL - OU RU
4000	80	24,5	2389	<19	00-5923	

OU ON/OFF 100-240V 50-60Hz
RU 1-10V 100-240V 50-60Hz



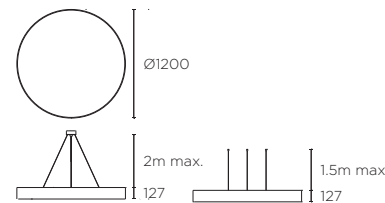
LED SAMSUNG						
K	CRI	W	Real lm	UGR		
3000	80	52	5083	<19	00-5924	- 14 60 Z5 DL - OU RU
4000	80	52	5083	<19	00-5925	

OU ON/OFF 100-240V 50-60Hz
RU 1-10V 100-240V 50-60Hz



LED SAMSUNG						
K	CRI	W	Real lm	UGR		
3000	80	97	9687	<19	00-5926	- 14 60 Z5 DL - OU RU
4000	80	97	9687	<19	00-5927	

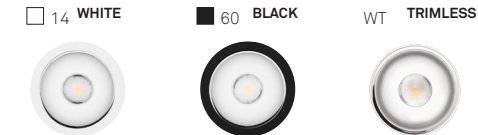
OU ON/OFF 100-240V 50-60Hz
RU 1-10V 100-240V 50-60Hz



LED SAMSUNG						
K	CRI	W	Real lm	UGR		
3000	80	146	15065		00-5928	- 14 60 Z5 DL - OU RU
4000	80	146	15065		00-5929	

OU ON/OFF 100-240V 50-60Hz
RU 1-10V 100-240V 50-60Hz

Sia Standard 115



BODY MAT AL DIF MAT PC IP54 50000h L80 B20 2 MacAdam 80° LED CREE CONTROL P.152

MODEL	WATTAGE	KELVIN / CRI	ANGLE	SOURCE	FINISH
AH11 - ROUND / SMALL / TRIM Ø115 H75 Ø100	12 12W	V8 2700K / CRI80 1407lm	W1 80°	BB ON-OFF 71-6652 PHASE CUT 71-5272 1-10V 71-7710 0/1-10V/PUSH/DALI 71-6192	AH11 / AH13
		W8 3000K / CRI80 1407lm			14
		W9 3000K / CRI90 1266lm			60
		X8 4000K / CRI80 1407lm			
AH13 - SQUARE / SMALL / TRIM Ø116 H75 Ø100	17 17,7W	V8 2700K / CRI80 1865lm	W1 80°	BB ON-OFF 71-7551 PHASE CUT 71-7711 0/1-10V / PUSH 71-7710 DALI 71-6192	AH12 / AH14
		W8 3000K / CRI80 1865lm			WT
		W9 3000K / CRI90 1678lm			
AH12 - ROUND / SMALL / TRIMLESS Ø96 H75 Ø96		X8 4000K / CRI80 1865lm			
		AH14 - SQUARE / SMALL / TRIMLESS Ø97 H75 Ø97			

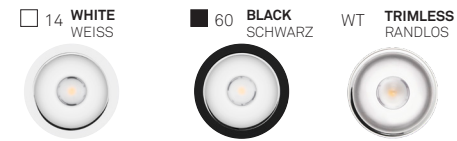
P.149

Sia Standard 115 Tunable White












MODEL	WATTAGE	KELVIN / CRI	ANGLE	SOURCE	FINISH
AH11 - ROUND / SMALL / TRIM Ø115 H75 Ø100	13 12,6W	U9 2700-6500K CRI92 1124lm 	W1 80°	DS DALI DT8 220-240V 	14 60

Example of codification | AH11-13U9W1DS14

Sia Standard 170



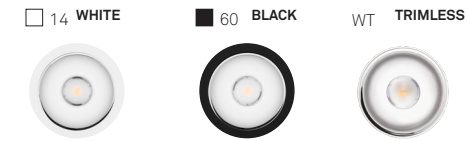
BODY MAT AL DIF MAT PC IP54 50000h L80 B20 2 MacAdam 80° LED CREE CONTROL P.152

MODEL	WATTAGE	KELVIN / CRI	ANGLE	SOURCE	FINISH
 AH15 - ROUND / BIG / TRIM Ø170 H123 Ø150	25 25W	V8 2700K / CRI80 2840lm	W1 80°	BB 	AH15 / AH17 14  60 
		W8 3000K / CRI80 2840lm			
		W9 3000K / CRI90 2556lm			
		X8 4000K / CRI80 2840lm			
 AH17 - SQUARE / BIG / TRIM 170 H123 150	33 33,4W	V8 2700K / CRI80 3471lm	W1 80°	BB  ON-OFF PHASE CUT 1-10V/PUSH 0/1-10V/PUSH/DALI 71-6654 71-4928 71-3475 71-4706	AH16 / AH18 WT 
		W8 3000K / CRI80 3471lm			
		W9 3000K / CRI90 3124lm			
 AH16 - ROUND / BIG / TRIMLESS Ø141 H123 Ø141	33 33,4W	V8 2700K / CRI80 3471lm	W1 80°	BB  ON-OFF PHASE CUT 1-10V 0/1-10V/PUSH/DALI 71-4889 71-7715 71-4708 71-4706	
		W8 3000K / CRI80 3471lm			
 AH18 - SQUARE / BIG / TRIMLESS 144 H123 144	33 33,4W	V8 2700K / CRI80 3471lm	W1 80°	BB  ON-OFF PHASE CUT 1-10V 0/1-10V/PUSH/DALI 71-4889 71-7715 71-4708 71-4706	
		W8 3000K / CRI80 3471lm			








 P.149

Example of codification | **AH15-25V8W1BB14**

Sia Standard 225



BODY MAT AL DIF MAT PC IP54 50000h L80 B20 2 MacAdam 80° LED CREE CONTROL P.152

MODEL	WATTAGE	KELVIN / CRI	ANGLE	SOURCE	FINISH
 AH19 - ROUND / XL / TRIM Ø225 H149 Ø215	37 37W	W8 3000K / CRI80 3502lm	W1 80°	BB  ON-OFF PHASE CUT 1-10V 0/1-10V/PUSH/DALI 71-6661 71-7716 71-4708 71-4706	AH19 14  60 
		W9 3000K / CRI90 3282lm			
		X8 4000K / CRI80 3502lm			
 AH21 - ROUND / XL / TRIMLESS Ø190 H149 Ø190	44 44,5W	W8 3000K / CRI80 4165lm	W1 80°	BB  ON-OFF 1-10V DALI 71-4891 71-7717 71-7718	AH21 WT 
		W9 3000K / CRI90 4102lm			
		X8 4000K / CRI80 4165lm			

 P.149

Sia Standard 225 Low UGR LED CREE

 AH19 - ROUND / XL / TRIM Ø225 H149 Ø215	18 18W	X8 4000K / CRI80 2057lm <19 UGR	W1 80°	WR  DALI D4i 220-240V	14  60 

Sia Standard 225 Tunable White LED BRIDGELUX

 AH19 - ROUND / XL / TRIM Ø225 H149 Ø215	25 25,2 W	U9 2700-6500K CRI92 2220lm <22 UGR	W1 80°	DS  DALI DT8 220-240V	14  60 

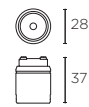
Example of codification | **AH19-37W8W1BB14**

Play MODULES

IP20 50000h L80 B20 2 MacAdam

P.152

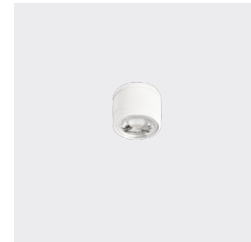
1,5W



LED CREE							
K	CRI	W	Real lm	mA	Beam	Control	
2700	80	1,5	141	500 max.	10°		71-8015 - 14 - 37
3000	80	1,5	141	500 max.	10°		71-8016 - 14 - 37
4000	80	1,5	141	500 max.	10°		71-8017 - 14 - 37

	1 x 1	
ON-OFF	71-8048	
	1 x max.23	
ON-OFF	71-3542	
	1 x min.1 max.15	
PHASE CUT	71-4898	
	1 x max.12	
0/1-10V / PUSH	71-7710	
DALI	71-6192	
	P.149	

3W



LED CREE							
K	CRI	W	Real lm	mA	Beam	Control	
2700	80	3,2	329	350 max.	30°		71-6112 - 14 - 37
3000	80	3,2	346	350 max.	30°		71-6113 - 14 - 37
4000	80	3,2	363	350 max.	30°		71-6114 - 14 - 37

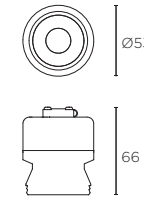
	1 x 1	
ON-OFF	71-7364	(71-6348/AG41)
	1 x max.7	
ON-OFF	71-3542	
	1 x min.2 max.3	
PHASE CUT	71-7709	
	1 x max.4	
0/1-10V / PUSH	71-7710	
DALI	71-6192	
	P.149	

Accessories not included

- 71-7784 - 00 - 00** 50° 5
Only (3W) x 5
- 71-7524 - 60 - 00** Visual Comfort
- 71-5618-60-00** Kit recessed concrete housing Ø40-42/
- 71-5617-60-00** Kit recessed concrete housing Ø36/

- 71-7891-00-00** Elliptical Diffuser x 5
- 71-7892-60-00** Honeycomb x 5
- 71-7893-00-00** Softening Lens x 5
- 71-7894-00-00** Screen x 5

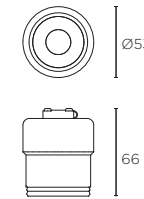
7W



LED CREE									
K	CRI	W	Real lm	V	Beam	mA	Control	Control	
2700	90	6,4	500	100-240	-	700 max.	30°		71-7953 - 14 - 37
					DIM				71-7952 - 14 - 37
3000	90	6,4	579	100-240	-	700 max.	30°		71-7955 - 14 - 37
					DIM				71-7954 - 14 - 37
4000	90	6,4	579	100-240	-	700 max.	30°		71-7957 - 14 - 37
					DIM				71-7956 - 14 - 37

	1 x 1
ON-OFF	71-6651
PHASE CUT	71-7663
0/1-10V / PUSH	71-7710
DALI	71-6192
	P.149

Emergency 7W



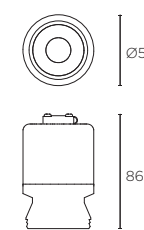
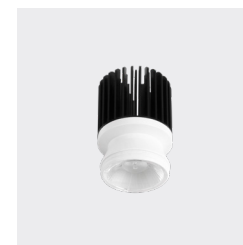
LED CREE									
K	CRI	W	Real lm	V	Beam	Emergency	Control	Control	
2700	80	7	613	220-240	-	1h.	30°		71-7844 - 14 - OE
					-	3h.	30°		71-7845 - 14 - OE
					DIM	1h.	30°		71-7844 - 14 - DE
3000	80	7	613	220-240	-	1h.	30°		71-7846 - 14 - OE
					-	3h.	30°		71-7847 - 14 - OE
					DIM	1h.	30°		71-7846 - 14 - DE
4000	80	7	613	220-240	-	1h.	30°		71-7847 - 14 - OE
					-	3h.	30°		71-7848 - 14 - OE
					DIM	1h.	30°		71-7847 - 14 - DE

	OE	ON/OFF	220-240V	50-60Hz
	DE	DALI	220-240V	50-60Hz

Not included

EM06-0001 Self-test kit + DALI emergency l

8W Tunable White



LED BRIDGELUX									
K	CRI	W	Real lm	V	Beam	Control	Control	Control	
2700 - 6500	92	8,4	706	200-240 /50-60Hz	TW	30°	DALI DT8		71-7739-00-00

Accessories not included

- 71-5639 - 00 - 00** 15° 5
- 71-5640 - 00 - 00** 50°
- 71-4754 - 14 - 00**
- 71-4754 - 60 - 00**
- Visual Comfort

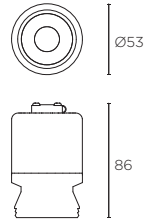
- 71-5167-00-00** Elliptical Diffuser x 5
- 71-5658-00-00** Square diffuser x 5
- 71-5166-60-00** Honeycomb x 5
- 71-6099-00-00** Softening Lens x 5
- 71-7895-60-00** Screen x 5

Play MODULES

IP20 50000h L80 B20 2 MacAdam

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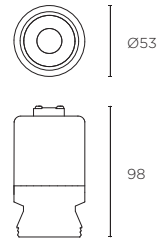
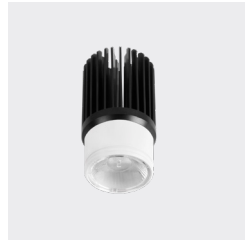
13W



LED CREE										
K	CRI	W	Real lm	V	Beam	mA	Beam	Beam	Beam	Beam
2700	90	12	1284	-	DIM	350 max	30°	30°	30°	71-7959 - 14 - 37
				100-240	-		30°	30°	30°	71-7958 - 14 - 37
3000	90	12	1382	-	DIM	350 max	30°	30°	30°	71-7961 - 14 - 37
				100-240	-		30°	30°	30°	71-7960 - 14 - 37
4000	90	12	1479	-	DIM	350 max	30°	30°	30°	71-7963 - 14 - 37
				100-240	-		30°	30°	30°	71-7962 - 14 - 37

- 1x1
- ON-OFF 71-6652
- PHASE CUT 71-5272
- 0/1-10V / PUSH 71-7710
- DALI 71-6192
- P.149

Warm Dimming 13W



LED BRIDGELUX										
K	CRI	W	Real lm	V	Beam	Beam	Beam	Beam	Beam	Beam
1800-3000	95	11,9	946	220-240	MAINS L,C	30°	30°	30°	30°	71-5236 - 14 - 37

Accessories not included

71-5639 - 00 - 00 15° 5
71-5640 - 00 - 00 50°

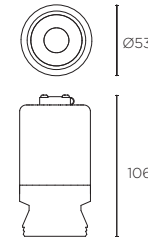
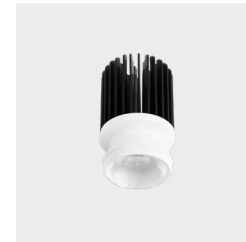
71-4754 - 14 - 00
71-4754 - 60 - 00
Visual Comfort

- 71-5167-00-00 Elliptical Diffuser x 5
- 71-5658-00-00 Square diffuser x 5
- 71-5166-60-00 Honeycomb x 5
- 71-6099-00-00 Softening Lens x 5
- 71-7895-60-00 Screen x 5

IP20 50000h L80 B20 2 MacAdam

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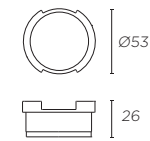
18W



LED CREE										
K	CRI	W	Real lm	V	Beam	mA	Beam	Beam	Beam	Beam
2700	90	17,7	1707	-	DIM	500 max.	30°	30°	30°	71-7552 - 14 - 37
				100-240	-		30°	30°	30°	71-7553 - 14 - 37
3000	90	17,7	1837	-	DIM	500 max.	30°	30°	30°	71-7554 - 14 - 37
				100-240	-		30°	30°	30°	71-7555 - 14 - 37
4000	90	17,7	1967	-	DIM	500 max.	30°	30°	30°	71-7556 - 14 - 37
				100-240	-		30°	30°	30°	71-7557 - 14 - 37

- 1x1
- ON-OFF 71-7551
- PHASE CUT 71-7711
- 0/1-10V / PUSH 71-7710
- DALI 71-6192
- P.149

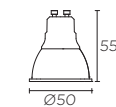
Kit GU10



71-5454 - 14 - 00
71-5454 - 60 - 00
LED BULB Adapter



71-4396 - 00 - 00
GU10 lamp holder



LED										
K	CRI	W	Real lm	V	Hz	Beam	Tc	Beam	Beam	Beam
GU10	3000	80	5	340	110-240	50-60	-	83°	25°	ACT-FLL - 024
									45°	ACT-FLL - 025
GU10	3000	80	7	552	110-240	50-60	-	83°	25°	ACT-FLL - 026
									36°	ACT-FLL - 027
GU10	3000	80	7	552	220-240	50-60	MAINS L	83°	25°	ACT-FLL - 028
									45°	ACT-FLL - 029

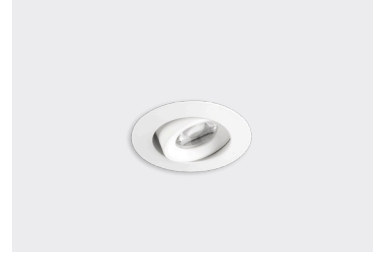
20 >30000



Play FLAT

FRAMES

1,5W / 3W



Round fixed

Round adjustable

Code **71-3820-14-00**
71-3820-60-00
 Complete code **AG33** (P.82)

Code **71-3824-14-00**
71-3824-60-00
71-3824-AF-00
 Complete code **AG34** (P.82)

IP54 \varnothing 40 \pm 0-8mm

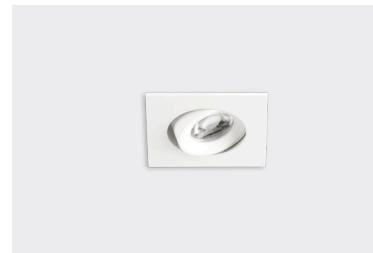
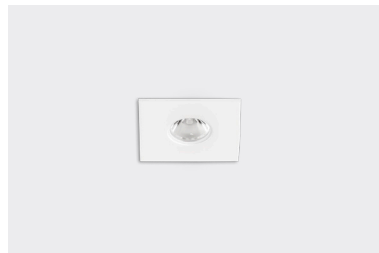
IP23 \varnothing 42 \pm 0-12mm \angle \pm 20°

		X
	1,5W	40
	3W	30

Modules P.76

		X
	1,5W	45
	3W	35

Modules P.76



Square fixed

Square adjustable

Code **71-3819-14-00**
71-3819-60-00
 Complete code **AG38** (P.82)

Code **71-3823-14-00**
71-3823-60-00
 Complete code **AG39** (P.82)

IP54 \varnothing 40 \pm 0-8mm

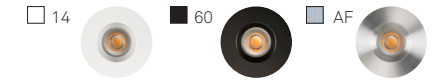
IP23 \varnothing 42 \pm 0-12mm \angle \pm 20°

		X
	1,5W	40
	3W	30

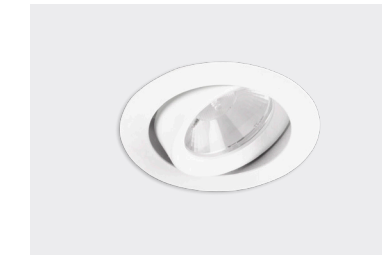
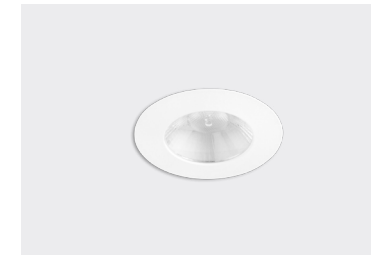
Modules P.76

		X
	1,5W	45
	3W	35

Modules P.76



7W / 13W / 18W / Warm Diming / Emergency



Round fixed

Round adjustable

Code **71-2911-14-00**
71-2911-60-00
 Complete code **AG11** (P.83)

Code **71-2915-14-00**
71-2915-60-00
71-2915-AF-00
 Complete code **AG12** (P.83)

IP54 \varnothing 58 \pm 0-7mm

IP23 \varnothing 68 \pm 0-20mm \angle \pm 20°

		X
	7W	65
	13W	85
	18W	105
	Warm-dim	100
	GU10 MR16*	75

* ACT-FLL-027
 Modules P.76

		X
	7W	70
	13W	90
	18W	110
	Warm-dim	105
	GU10 MR16*	80

* ACT-FLL-027
 Modules P.76



Square fixed

Square adjustable

Code **71-2910-14-00**
71-2910-60-00
 Complete code **AG19** (P.83)

Code **71-2914-14-00**
71-2914-60-00
 Complete code **AG21** (P.83)

IP54 \varnothing 58 \pm 0-7mm

IP23 \varnothing 68 \pm 0-20mm \angle \pm 20°

		X
	7W	65
	13W	85
	18W	105
	Warm-dim	100
	GU10 MR16*	75

* ACT-FLL-027
 Modules P.76

		X
	7W	70
	13W	90
	18W	110
	Warm-dim	105
	GU10 MR16*	80

* ACT-FLL-027
 Modules P.76

Play FLAT

Composition of the complete product references

Customise the Play model in the reference composition table obtaining:

- A single reference.
- A single data sheet.







Example of codification

AG33-P2V8S1BB14

MODEL	WATTAGE	KELVIN / CRI	ANGLE	SOURCE	FINISH
 AG33 — ROUND / FIXED Ø45 Ø40 IP54	P2 1,5W	V8 2700K / CRI80 141lm (10°)	S1 10°	BB 	14 
		W8 3000K / CRI80 141lm (10°)		1 x 1  ON-OFF 71-8048 ✓	60 
		X8 4000K / CRI80 141lm (10°)		1 x max.23  ON-OFF 71-3542 X 1 x min.1 max.15  PHASE CUT 71-4898 X 1 x max.12  0/1-10V / PUSH 71-7710 X DALI 71-6192 X	ONLY AG34 AF 
 AG34 — ROUND / ADJUSTABLE Ø52 Ø42 IP23 ±20°	P3 3,2W	V8 2700K / CRI80 329lm (30°)	M2 30°	BB 	
		W8 3000K / CRI80 346lm (30°)		F1 50°	
		X8 4000K / CRI80 363lm (30°)		1 x 1  ON-OFF 71-7364 ✓ 1 x max.7  ON-OFF 71-3542 X 1 x min.2 max.3  PHASE CUT 71-7709 X 1 x max.4  0/1-10V / PUSH 71-7710 X DALI 71-6192 X	

 P.149

Accessories not included

-  71-7891-00-00 Elliptical Diffuser x 5
-  71-7892-60-00 Honeycomb x 5
-  71-7893-00-00 Softening Lens x 5
-  71-7894-60-00 Screen x 5
-  71-5618-60-00 Kit recessed concrete housing Ø40-42
-  71-5617-60-00 Ø36

Play FLAT







Composition of the complete product references


Customise the Play model in the reference composition table obtaining:

- A single reference.
- A single data sheet.







Example of codification

AG11-P7V9S2BB14

MODEL	WATTAGE	KELVIN / CRI	ANGLE	SOURCE	FINISH	
 AG11 — ROUND / FIXED Ø65 Ø58 IP54	P7 6,4W	V9 2700K / CRI90 500lm (30°)	S2 15°	BB 	14 	
		W9 3000K / CRI90 579lm (30°)		M2 30°	ON-OFF PHASE CUT 71-6651 0/1-10V / PUSH 71-7710 DALI 71-6192	60 
		X9 4000K / CRI90 579lm (30°)		F1 50°		ONLY AG12 AF 
 AG12 — ROUND / ADJUSTABLE Ø78 Ø68 IP23 ±20°	13 12W	V9 2700K / CRI90 1284lm (30°)	S2 15°	BB 		
		W9 3000K / CRI90 1382lm (30°)		M2 30°		ON-OFF PHASE CUT 71-6652 0/1-10V / PUSH 71-5272 DALI 71-6192
		X9 4000K / CRI90 1479lm (30°)		F1 50°		
 AG19 — SQUARE / FIXED 1265 Ø58 IP54	18 17,7W	V9 2700K / CRI90 1707lm (30°)	S2 15°	BB 		
		W9 3000K / CRI90 1837lm (30°)		M2 30°		ON-OFF PHASE CUT 71-7551 0/1-10V / PUSH 71-7711 DALI 71-6192
		X9 4000K / CRI90 1967lm (30°)		F1 50°		
 AG21 — SQUARE / ADJUSTABLE 1278 Ø68 IP23 ±20°	13 11,9W	S9 1800-3000K / CRI95 946lm (30°)	S2 15°	TS  PHASE CUT 220-240V		
						M2 30°
						F1 50°
AA GU10	G1	NA	BU			

 P.149

Accessories not included

-  71-5167-00-00 Elliptical Diffuser x 5
-  71-5658-00-00 Square diffuser x 5
-  71-5166-60-00 Honeycomb x 5
-  71-6099-00-00 Softening Lens x 5
-  71-4754 - 14 - 00 Visual Comfort 60
-  71-7895-60-00 Screen x 5

Play DEEP

FRAMES

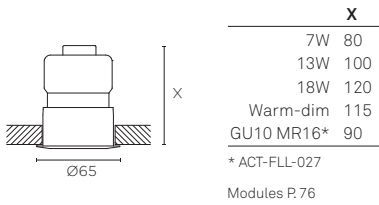
7W / 13W / 18W / Warm Diming / Emergency / Tunable White



Round fixed

Code **71-2912-14-00**
71-2912-60-00
 Complete code **AG15** (P.85)

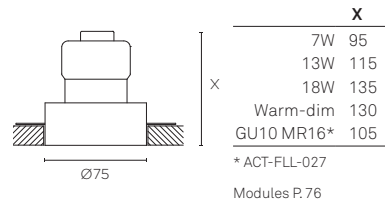
IP54 \varnothing 58 \pm 0-20mm



Round adjustable trimless

Code **71-6148-14-00**
71-6148-60-00
 Complete code **AG17** (P.85)

IP23 \varnothing 75 \pm 0-18mm \pm 20° \curvearrowright 320°



Play DEEP


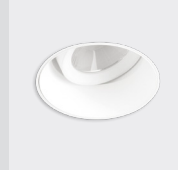

Composition of the complete product references

Customise the Play model in the reference composition table obtaining:

- A single reference.
- A single data sheet.

Example of codification

AG15-P7V9S2BB14

MODEL	WATTAGE	KELVIN / CRI	ANGLE	SOURCE	FINISH
 AG15 - ROUND / FIXED \varnothing 65 \varnothing 58 IP54	P7 6,4W	V9 2700K / CRI90 500lm (30°)	S2 15°	BB ON-OFF PHASE CUT 0/1-10V / PUSH DALI 71-6651 71-7663 71-7710 71-6192	14 60
		W9 3000K / CRI90 579lm (30°)	M2 30°		
		X9 4000K / CRI90 579lm (30°)	F1 50°		
 AG17 - ROUND / ADJUSTABLE / TRIMLESS \varnothing 75 \varnothing 75 IP23 \pm 20° \curvearrowright 320°	13 12W	V9 2700K / CRI90 1284lm (30°)	S2 15°	BB ON-OFF PHASE CUT 0/1-10V / PUSH DALI 71-6652 71-5272 71-7710 71-6192	
		W9 3000K / CRI90 1382lm (30°)	M2 30°		
		X9 4000K / CRI90 1479lm (30°)	F1 50°		
18 17,7W	V9 2700K / CRI90 1707lm (30°)	S2 15°	BB ON-OFF PHASE CUT 0/1-10V / PUSH DALI 71-7551 71-7711 71-7710 71-6192		
	W9 3000K / CRI90 1837lm (30°)	M2 30°			
	X9 4000K / CRI90 1967lm (30°)	F1 50°			
13 11,9W 	S9 1800-3000K / CRI95 946lm (30°)	S2 15°	TS PHASE CUT 220-240V		
		M2 30°			
		F1 50°			
AA GU10	G1	NA	BU		

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Accessories not included

- | | | |
|--|---|--|
| 71-5167-00-00 Elliptical Diffuser x 5 | 71-5166-60-00 Honeycomb x 5 | 71-4754 - 14 - 00 60 Visual Comfort |
| 71-5658-00-00 Square diffuser x 5 | 71-6099-00-00 Softening Lens x 5 | 71-7895-60-00 Screen x 5 |

Play HIGH VISUAL CONFORT

FRAMES

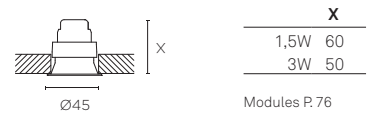
1,5W / 3W



Round fixed

Code **71-3822-14-00**
71-3822-60-00
 Complete code **AG36** (P.141)

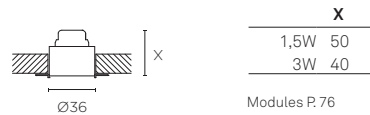
IP54 \varnothing 40 \pm 0-15mm



Round fixed trimless

Code **71-6348-14-00**
71-6348-60-00
 Complete code **AG41** (P.141)

IP54 \varnothing 36 \pm 0-14,5mm



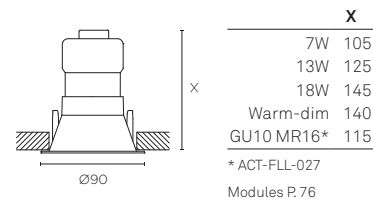
7W / 13W / 18W / Warm Diming / Emergency / Tunable White



Round fixed

Code **71-2913-14-00**
71-2913-60-00
 Complete code **AG13** (P.88)

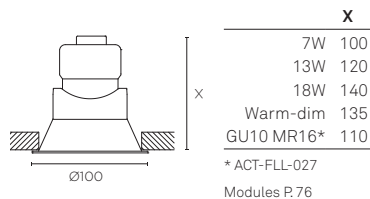
IP54 \varnothing 78 \pm 0-25mm



Round adjustable

Code **71-6146-14-00**
71-6146-60-00
 Complete code **AG14** (P.88)

IP23 \varnothing 95 \pm 0-18mm \angle \pm 20°



Play HIGH VISUAL CONFORT








Composition of the complete product references


Customise the Play model in the reference composition table obtaining:

- A single reference.
- A single data sheet.







Example of codification

AG36-P2V8S1BB14

MODEL	WATTAGE	KELVIN / CRI	ANGLE	SOURCE	FINISH
 AG36 – ROUND / FIXED \varnothing 45 \varnothing 40 IP54	P2 1,5W	V8 2700K / CRI80 141lm (10°)	S1 10°	BB  ON-OFF <input checked="" type="checkbox"/> 1 x 1  ON-OFF 71-8048 <input checked="" type="checkbox"/>	14  60 
		W8 3000K / CRI80 141lm (10°)			
 AG41 – ROUND / FIXED / TRIMLESS \varnothing 36 \varnothing 36 IP54	P3 3,2W	V8 2700K / CRI80 329lm (30°)	M2 30° F1 50°	BB  ON-OFF <input checked="" type="checkbox"/> 1 x 1  ON-OFF 71-7364 <input checked="" type="checkbox"/>	
		W8 3000K / CRI80 346lm (30°)			
		X8 4000K / CRI80 363lm (30°)		ON-OFF <input checked="" type="checkbox"/> 1 x min.2 max.3  PHASE CUT 71-7709 <input checked="" type="checkbox"/>	
				ON-OFF <input checked="" type="checkbox"/> 1 x max.4  0/1-10V / PUSH 71-7710 <input checked="" type="checkbox"/>	
				DALI 71-6192 <input checked="" type="checkbox"/>	

 P.149

Accessories not included

-  **71-7891-00-00** Elliptical Diffuser x 5
-  **71-7893-00-00** Softening Lens x 5
-  **71-7892-60-00** Honeycomb x 5
-  **71-7894-60-00** Screen x 5
-  **71-5618-60-00** Kit recessed concrete housing \varnothing 40-42
-  **71-5617-60-00** Kit recessed concrete housing \varnothing 36

Play HIGH VISUAL CONFORT

Composition of the complete product references

Customise the Play model in the reference composition table obtaining:

- A single reference.
- A single data sheet.

Example of codification

AG13-P7V9S2BB14

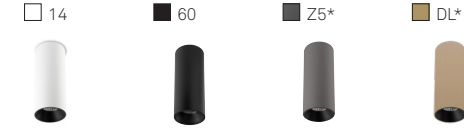
MODEL	WATTAGE	KELVIN / CRI	ANGLE	SOURCE	FINISH
AG13 – ROUND / FIXED Ø90 Ø78 IP54	P7 6,4W	V9 2700K / CRI90 500lm (30°)	S2 15°	BB	14 60
		W9 3000K / CRI90 579lm (30°)	M2 30°	ON-OFF PHASE CUT 0/1-10V / PUSH DALI	
		X9 4000K / CRI90 579lm (30°)	F1 50°	71-6651 71-7663 71-7710 71-6192	
AG14 – ROUND / ADJUSTABLE Ø100 Ø95 IP23 4V ±20°	13 12W	V9 2700K / CRI90 1284lm (30°)	S2 15°	BB	14 60
		W9 3000K / CRI90 1382lm (30°)	M2 30°	ON-OFF PHASE CUT 0/1-10V / PUSH DALI	
		X9 4000K / CRI90 1479lm (30°)	F1 50°	71-6652 71-5272 71-7710 71-6192	
18 17,7W	V9 2700K / CRI90 1707lm (30°)	S2 15°	BB	71-7551 71-7711 71-7710 71-6192	
	W9 3000K / CRI90 1837lm (30°)	M2 30°	ON-OFF PHASE CUT 0/1-10V / PUSH DALI		
	X9 4000K / CRI90 1967lm (30°)	F1 50°	71-7551 71-7711 71-7710 71-6192		
13 11,9W	S9 1800-3000K/ CRI95 946lm (30°)	S2 15°	TS PHASE CUT 220-240V	71-7551 71-7711 71-7710 71-6192	
		M2 30°			
		F1 50°			
AA GU10	G1	NA	BU		

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Accessories not included

- | | | |
|--|---|--|
| 71-5167-00-00 Elliptical Diffuser x 5 | 71-5166-60-00 Honeycomb x 5 | 71-4754 - 14 - 00 60 Visual Comfort |
| 71-5658-00-00 Square diffuser x 5 | 71-6099-00-00 Softening Lens x 5 | 71-7895-60-00 Screen x 5 |

Play DECO SURFACE

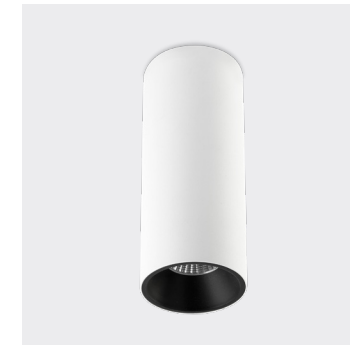


* Please contact our sales team for conditions and delivery times.



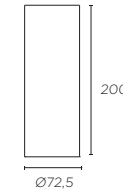
Configure your play
<http://play.leds-c4.com>

BODY MAT AL / PC IP23 20 50000h L80 B20 2 MacAdam 30° P.152



LED CREE		K	CRI	W	lm	V				
2700	80	7	517	100-240	ON-OFF	15-5264	- 14	60	Z5	DL - 00
				220-240	PHASE CUT MAINS LC	15-5266				
3000	80	7	548	100-240	ON-OFF	15-5265	- 14	60	Z5	DL - 00
				220-240	PHASE CUT MAINS LC	15-5267				
4000	80	7	603	100-240	ON-OFF	15-5672	- 14	60	Z5	DL - 00
				220-240	PHASE CUT MAINS LC	15-5673				

50-60Hz



LED CREE		K	CRI	W	lm	V				
2700	80	13	1100	100-240	ON-OFF	15-5268	- 14	60	Z5	DL - 00
				220-240	PHASE CUT MAINS LC	15-5270				
3000	80	13	1166	100-240	ON-OFF	15-5269	- 14	60	Z5	DL - 00
				220-240	PHASE CUT MAINS LC	15-5271				
4000	80	13	1311	100-240	ON-OFF	15-5674	- 14	60	Z5	DL - 00
				220-240	PHASE CUT MAINS LC	15-5675				

50-60Hz

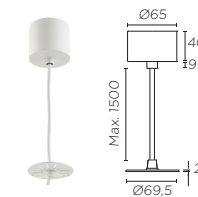
Not included Required



71-4752 - 14 60 23 - 00

BODY MAT PC 50

Not included



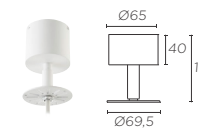
71-5174 - 14-14 60-60 Z5-Z5 DL-DL

90° 20



71-6481 - 14-14 60-60

90° 50



71-5175 - 14-14 60-60 Z5-Z5 DL-DL

90° 50



71-5639 - 00 - 00 15°

71-5640 - 00 - 00 50°

5

Play DECO SURFACE

Composition of the complete product references

Customise the Play model in the reference composition table obtaining:

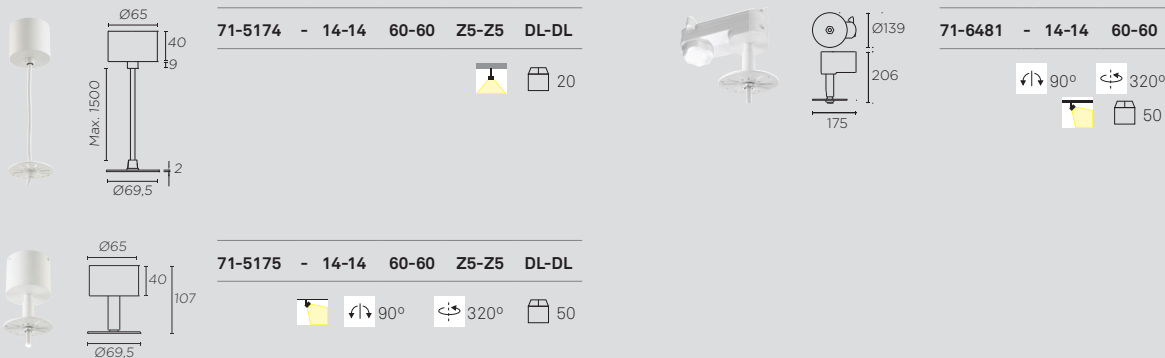
- A single reference.
- A single data sheet.

Example of codification

AG32-P7V8S2NUWR

MODEL	WATTAGE	KELVIN / CRI	ANGLE	SOURCE	FINISH
AG32 – ROUND Ø72,5 H200	P7 6,4W	V8 2700K / CRI80 517lm (30°)	S2 15°	NU ON/OFF 100-240V	WR
		W8 3000K / CRI80 548lm (30°)	M2 30°	TS PHASE CUT 220-240V	WG
		X8 4000K / CRI80 603lm (30°)	F1 50°		WH
	13 13W	V8 2700K / CRI80 1100lm (30°)	S2 15°	NU ON/OFF 100-240V	WL
		W8 3000K / CRI80 1166lm (30°)	M2 30°	TS PHASE CUT 220-240V	WM
		X8 4000K / CRI80 1311lm (30°)	F1 50°		WN

Not included



Bento

□ 14 ■ 60



BODY MAT AL 50000h L80 B20 3 MacAdam

P.152

trim



146
94

150

LED NICHIA

K	CRI	W	Real lm	mA	UGR		
2700	90	6,1 max.	449	700 max.	0	15°	90-6364
			467	700 max.	<10	34°	90-6366 - 14 - 14
			421	700 max.	<10	50°	90-6368
3000	90	6,1 max.	449	700 max.	0	15°	90-6365
			467	700 max.	<10	34°	90-6367 - 14 - 14
			421	700 max.	<10	50°	90-6369
4000	90	6,1 max.	494	700 max.	0	15°	90-6673
			514	700 max.	<13	34°	90-6674 - 14 - 14
			463	700 max.	<13	50°	90-6675

	1x1
ON-OFF	71-6651
PHASE CUT	71-7663
0/1-10V/PUSH	71-7710
DALI	71-6192

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TRIMLESS



154
 140
88

155

LED NICHIA

K	CRI	W	Real lm	mA	UGR		
2700	90	6,1 max.	449	700 max.	0	15°	90-6161
			467	700 max.	<10	34°	90-6163 - 14 - 14
			421	700 max.	<10	50°	90-6165
3000	90	6,1 max.	449	700 max.	0	15°	90-6162
			467	700 max.	<10	34°	90-6164 - 14 - 14
			421	700 max.	<10	50°	90-6166
4000	90	6,1 max.	494	700 max.	0	15°	90-6676
			514	700 max.	<13	34°	90-6677 - 14 - 14
			463	700 max.	<13	50°	90-6678

	1x1
ON-OFF	71-6651
PHASE CUT	71-7663
0/1-10V/PUSH	71-7710
DALI	71-6192

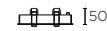
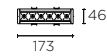
P.149

Bento



BODY MAT AL 50000h L80 B20 3 MacAdam CONTROL P.152

trim



LED NICHIA							
K	CRI	W	Real lm	mA	UGR		
2700	90	12,2 max.	993	700 max.	0	15°	90-6370
			927	700 max.	<10	34°	90-6372 - 14 - 14 60
			882	700 max.	<13	50°	90-6374
3000	90	12,2 max.	993	700 max.	0	15°	90-6371
			927	700 max.	<10	34°	90-6373 - 14 - 14 60
			882	700 max.	<13	50°	90-6375
4000	90	12,2 max.	1093	700 max.	0	15°	90-6679
			1020	700 max.	<10	34°	90-6680 - 14 - 14 60
			970	700 max.	<13	50°	90-6681

- 1x1
- ON-OFF 71-6658
- PHASE CUT 71-6430
- 0/1-10V / PUSH 71-7710
- DALI 71-6192
- DALI D4i 71-7737
- P.149

Bento Tunable White

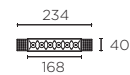
LED CREE



K	CRI	W	Real lm	UGR		
2700 - 6500	90	12,6	683	<10	15°	90-7803
			1169	<16	34°	90-7804 - 14 60 - TW
			1042	<16	50°	90-7805

DALI DT8 220-240V 50-60Hz

TRIMLESS



LED NICHIA							
K	CRI	W	Real lm	mA	UGR		
2700	90	12,2 max.	993	700 max.	0	15°	90-6167
			927	700 max.	<10	34°	90-6169 - 14 - 14 60
			882	700 max.	<13	50°	90-6171
3000	90	12,2 max.	993	700 max.	0	15°	90-6168
			927	700 max.	<10	34°	90-6170 - 14 - 14 60
			882	700 max.	<13	50°	90-6172
4000	90	12,2 max.	1093	700 max.	0	15°	90-6682
			1020	700 max.	<10	34°	90-6683 - 14 - 14 60
			970	700 max.	<13	50°	90-6684

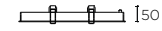
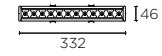
- 1x1
- ON-OFF 71-6658
- PHASE CUT 71-6430
- 0/1-10V / PUSH 71-7710
- DALI 71-6192
- DALI D4i 71-7737
- P.149

Bento



BODY MAT AL 50000h L80 B20 3 MacAdam CONTROL P.152

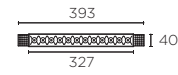
trim



LED NICHIA							
K	CRI	W	Real lm	mA	UGR		
2700	90	24,4 max.	1744	700 max.	0	15°	90-6376
			1715	700 max.	<10	34°	90-6378 - 14 - 14 60
			1622	700 max.	<13	50°	90-6380
3000	90	24,4 max.	1744	700 max.	0	15°	90-6377
			1715	700 max.	<10	34°	90-6379 - 14 - 14 60
			1622	700 max.	<13	50°	90-6381
4000	90	24,4 max.	1918	700 max.	0	12°	90-6685
			1887	700 max.	<10	34°	90-6686 - 14 - 14 60
			1784	700 max.	<13	50°	90-6687

- 1x1
- ON-OFF 71-6653
- PHASE CUT 71-4928
- 1-10V/PUSH 71-3475
- 0/1-10V/PUSH/DALI 71-4706
- DALI D4i 71-7738
- P.149

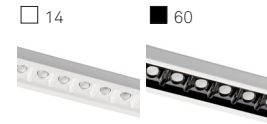
TRIMLESS



LED NICHIA							
K	CRI	W	Real lm	mA	UGR		
2700	90	24,4 max.	1744	700 max.	0	15°	90-6173
			1715	700 max.	<10	34°	90-6175 - 14 - 14 60
			1622	700 max.	<13	50°	90-6350
3000	90	24,4 max.	1744	700 max.	0	15°	90-6174
			1715	700 max.	<10	34°	90-6349 - 14 - 14 60
			1622	700 max.	<13	50°	90-6351
4000	90	24,4 max.	1918	700 max.	0	12°	90-6688
			1887	700 max.	<10	34°	90-6689 - 14 - 14 60
			1784	700 max.	<13	50°	90-6690

- 1x1
- ON-OFF 71-6653
- PHASE CUT 71-4928
- 1-10V/PUSH 71-3475
- 0/1-10V/PUSH/DALI 71-4706
- DALI D4i 71-7738
- P.149

Bento



BODY MAT AL 50000h L80 B20 3 MacAdam P.152

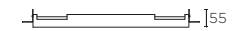
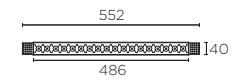
trim



LED		NICHIA							
K	CRI	W	Real lm	mA	UGR				
2700	90	36,5 max.	2596	700 max.	<10	15°	90-6382		
			2590	700 max.	<10	34°	90-6384	- 14 -	14 60
			2467	700 max.	<13	50°	90-6386		
3000	90	36,5 max.	2596	700 max.	<10	15°	90-6383		
			2590	700 max.	<10	34°	90-6385	- 14 -	14 60
			2467	700 max.	<13	50°	90-6387		
4000	90	36,5 max.	2853	700 max.	<10	15°	90-6691		
			2846	700 max.	<10	34°	90-6692	- 14 -	14 60
			2712	700 max.	<13	50°	90-6693		

1 x 1
 ON-OFF 71-4887
 PHASE CUT 71-6431
 0/1-10V/PUSH 71-4708
 0/1-10V/PUSH/DALI 71-4706
 P.149

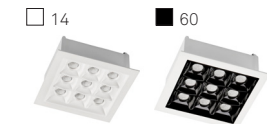
TRIMLESS



LED		NICHIA							
K	CRI	W	Real lm	mA	UGR				
2700	90	36,5 max.	2596	700 max.	<10	15°	90-6352		
			2590	700 max.	<10	34°	90-6354	- 14 -	14 60
			2467	700 max.	<13	50°	90-6356		
3000	90	36,5 max.	2596	700 max.	<10	15°	90-6353		
			2590	700 max.	<10	34°	90-6355	- 14 -	14 60
			2467	700 max.	<13	50°	90-6357		
4000	90	36,5 max.	2853	700 max.	<10	15°	90-6694		
			2846	700 max.	<10	34°	90-6695	- 14 -	14 60
			2712	700 max.	<13	50°	90-6696		

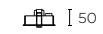
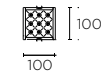
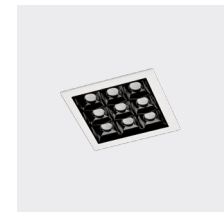
1 x 1
 ON-OFF 71-4887
 PHASE CUT 71-6431
 0/1-10V/PUSH 71-4708
 0/1-10V/PUSH/DALI 71-4706
 P.149

Bento



BODY MAT AL 50000h L80 B20 3 MacAdam P.152

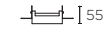
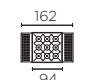
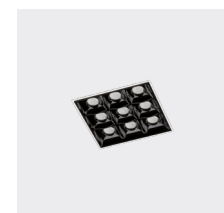
trim



LED		NICHIA							
K	CRI	W	Real lm	mA	UGR				
2700	90	18,3 max.	1361	700 max.	<10	15°	90-6388		
			1378	700 max.	<13	34°	90-6390	- 14 -	14 60
			1303	700 max.	<16	50°	90-6392		
3000	90	18,3 max.	1361	700 max.	<10	15°	90-6389		
			1378	700 max.	<13	34°	90-6391	- 14 -	14 60
			1303	700 max.	<16	50°	90-6393		
4000	90	18,3 max.	1495	700 max.	<10	15°	90-6697		
			1514	700 max.	<13	34°	90-6698	- 14 -	14 60
			1432	700 max.	<16	50°	90-6699		

1 x 1
 ON-OFF 71-6653
 PHASE CUT 71-7714
 1-10V/PUSH 71-3475
 0/1-10V/PUSH/DALI 71-4706
 P.149

TRIMLESS



LED		NICHIA							
K	CRI	W	Real lm	mA	UGR				
2700	90	18,3 max.	1361	700 max.	<10	15°	90-6358		
			1378	700 max.	<13	34°	90-6360	- 14 -	14 60
			1303	700 max.	<16	50°	90-6362		
3000	90	18,3 max.	1361	700 max.	<10	15°	90-6359		
			1378	700 max.	<13	34°	90-6361	- 14 -	14 60
			1303	700 max.	<16	50°	90-6363		
4000	90	18,3 max.	1495	700 max.	<10	15°	90-7002		
			1514	700 max.	<13	34°	90-7005	- 14 -	14 60
			1432	700 max.	<16	50°	90-7006		

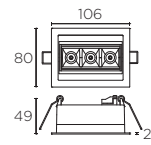
1 x 1
 ON-OFF 71-6653
 PHASE CUT 71-7714
 1-10V/PUSH 71-3475
 0/1-10V/PUSH/DALI 71-4706
 P.149

Bento adjustable

□□ 14-14 □■ 14-60



BODY MAT AL 50000h L80 B20 3 MacAdam 20° 20° P.152



LED NICHIA

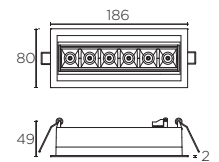
K	CRI	W	Real lm	mA	UGR	Beam	Code
2700	90	6,1 max.	449	700 max.	<10	15°	90-7098
			467	700 max.	<13	34°	90-7099 - 14 - 14
			421	700 max.	<13	50°	90-7100
3000	90	6,1 max.	449	700 max.	<10	15°	90-7101
			467	700 max.	<13	34°	90-7161 - 14 - 14
			421	700 max.	<13	50°	90-7169
4000	90	6,1 max.	494	700 max.	<10	15°	90-7184
			514	700 max.	<13	34°	90-7185 - 14 - 14
			463	700 max.	<13	50°	90-7186

75 96x70 0-20mm

1x1

ON-OFF	71-6651
PHASE CUT	71-7663
0/1-10V / PUSH	71-7710
DALI	71-6192

P.149



LED NICHIA

K	CRI	W	Real lm	mA	UGR	Beam	Code
2700	90	12,2 max.	904	700 max.	0	15°	90-7187
			844	700 max.	<10	34°	90-7188 - 14 - 14
			802	700 max.	<13	50°	90-7189
3000	90	12,2 max.	904	700 max.	0	15°	90-7190
			844	700 max.	<10	34°	90-7191 - 14 - 14
			802	700 max.	<13	50°	90-7192
4000	90	12,2 max.	993	700 max.	0	15°	90-7193
			927	700 max.	<10	34°	90-7194 - 14 - 14
			882	700 max.	<13	50°	90-7195

50 175x70 0-20mm

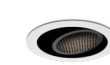
1x1

ON-OFF	71-6658
PHASE CUT	71-6430
0/1-10V / PUSH	71-7710
DALI	71-6192
DALI D4i	71-7738

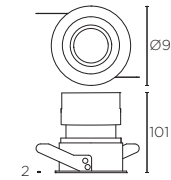
P.149

Biwa

□ 14



BODY MAT AL PMMA 50000h L80 B20 2 MacAdam 20°

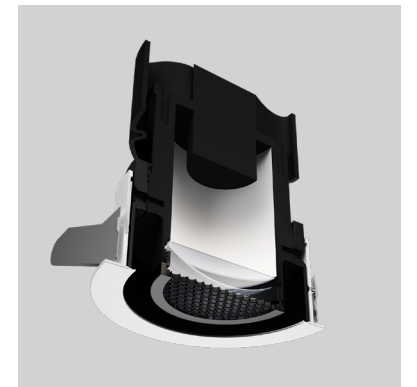


LED BRIDGELUX

K	CRI	W	Real lm	Beam	Code
3000	90	17,5	600	8°	90-8205 - 14 - 00
			500	40°	90-8206 - 14 - DS

85 28°

ON-OFF	100-240V	50-60Hz
DALI	220-240V	50-60Hz



Included

Honeycomb

Not included

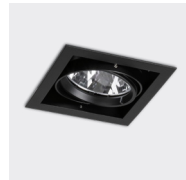
	Elliptical Diffuser	71-8226 - 00 - 00
	Square diffuser	71-8224 - 00 - 00
	Warm filter	71-8227 - 00 - 00
	Neutral filter	71-8228 - 00 - 00

Multidir Evo L Single Trim

14 WHITE 34 GREY 60 BLACK



BODY MAT AL DIF MAT PC (no GU10 / G53) IP23 ±40° 50000h L80 B20 2 MacAdam LED CREE CONTROL P.152



MODEL	WATTAGE	KELVIN / CRI	ANGLE	SOURCE	FINISH
AF11 – SINGLE / RECESSED / TRIM 180x180 160x160	18 18W	W8 3000K / CRI80 1490lm (15°)	S2 15°	BB	14 34 60
		W9 3000K / CRI90 1123lm (15°)	M1 24°		
		X8 4000K / CRI80 1490lm (15°)	M3 34°	 ON-OFF 71-6659 PHASE CUT 71-7711 0/1-10V / PUSH 71-7710 DALI 71-6192	
		W8 3000K / CRI80 1967lm (15°)	S2 15°	BB	
		W9 3000K / CRI90 1494lm (15°)	M1 24°		
		X8 4000K / CRI80 1967lm (15°)	M3 34°	 ON-OFF 71-6653 PHASE CUT 71-4928 1-10V/PUSH 71-3475 0/1-10V/PUSH/DALI 71-4706	
	25 25W	W8 3000K / CRI80 2183lm (15°)	S2 15°	BB	
		W9 3000K / CRI90 1654lm (15°)	M1 24°		
		X8 4000K / CRI80 2183lm (15°)	M3 34°	 ON-OFF 71-4896 PHASE CUT 71-4928 1-10V/PUSH 71-3475 0/1-10V/PUSH/DALI 71-4706	
		W8 3000K / CRI80 3030lm (15°)	S2 15°	BB	
		W9 3000K / CRI90 2343lm (15°)	M1 24°		
		X8 4000K / CRI80 2967lm (15°)	M3 34°	 ON-OFF 71-6661 PHASE CUT 71-7716 1-10V 71-4708 0/1-10V/PUSH/DALI 71-4706	
	3P 30W	W8 3000K / CRI80 2183lm (15°)	S2 15°	BB	
		W9 3000K / CRI90 1654lm (15°)	M1 24°		
		X8 4000K / CRI80 2183lm (15°)	M3 34°	 ON-OFF 2X 71-4896 PHASE CUT 2X 71-4928 1-10V/PUSH 2X 71-3475 0/1-10V/PUSH/DALI 2X 71-4706	
	4P 40W	W8 3000K / CRI80 3030lm (15°)	S2 15°	BB	
		W9 3000K / CRI90 2343lm (15°)	M1 24°		
		X8 4000K / CRI80 2967lm (15°)	M3 34°	 ON-OFF 2X 71-6661 PHASE CUT 2X 71-7716 1-10V 2X 71-4708 0/1-10V/PUSH/DALI 2X 71-4706	
AA GU10	G1	NA	BU		
AA G53	G5	NA	BU		

P.149

Example of codification | **AF11-18W8S2BB14**

Structure

Accessories not included



71-2948 - 14 - 00
N3
60
180x180 160x160



71-5652-00-00 Elliptical Diffuser
no GU10 / G53



ACT-9180-60-00 Honeycomb
no GU10 / G53

Multidir Evo L Double Trim

14 WHITE 34 GREY 60 BLACK



BODY MAT AL DIF MAT PC (no GU10 / G53) IP23 ±40° 50000h L80 B20 2 MacAdam LED CREE CONTROL P.152



MODEL	WATTAGE	KELVIN / CRI	ANGLE	SOURCE	FINISH
AF12 – TWIN / RECESSED / TRIM 324x180 302x160	18 2 x 18W	W8 3000K / CRI80 2 x 1490lm (15°)	S2 15°	BB	14 34 60
		W9 3000K / CRI90 2 x 1123lm (15°)	M1 24°		
		X8 4000K / CRI80 2 x 1490lm (15°)	M3 34°	 ON-OFF 2X 71-6659 PHASE CUT 2X 71-7711 0/1-10V / PUSH 2X 71-7710 DALI 2X 71-6192	
		W8 3000K / CRI80 2 x 1967lm (15°)	S2 15°	BB	
		W9 3000K / CRI90 2 x 1494lm (15°)	M1 24°		
		X8 4000K / CRI80 2 x 1967lm (15°)	M3 34°	 ON-OFF 2X 71-6653 PHASE CUT 2X 71-4928 1-10V/PUSH 2X 71-3475 0/1-10V/PUSH/DALI 2X 71-4706	
	25 2 x 25W	W8 3000K / CRI80 2 x 2183lm (15°)	S2 15°	BB	
		W9 3000K / CRI90 2 x 1654lm (15°)	M1 24°		
		X8 4000K / CRI80 2 x 2183lm (15°)	M3 34°	 ON-OFF 2X 71-4896 PHASE CUT 2X 71-4928 1-10V/PUSH 2X 71-3475 0/1-10V/PUSH/DALI 2X 71-4706	
		W8 3000K / CRI80 2 x 3030lm (15°)	S2 15°	BB	
		W9 3000K / CRI90 2 x 2343lm (15°)	M1 24°		
		X8 4000K / CRI80 2 x 2967lm (15°)	M3 34°	 ON-OFF 2X 71-6661 PHASE CUT 2X 71-7716 1-10V 2X 71-4708 0/1-10V/PUSH/DALI 2X 71-4706	
	3P 2 x 30W	W8 3000K / CRI80 2 x 2183lm (15°)	S2 15°	BB	
		W9 3000K / CRI90 2 x 1654lm (15°)	M1 24°		
		X8 4000K / CRI80 2 x 2183lm (15°)	M3 34°	 ON-OFF 2X 71-4896 PHASE CUT 2X 71-4928 1-10V/PUSH 2X 71-3475 0/1-10V/PUSH/DALI 2X 71-4706	
	4P 2 x 40W	W8 3000K / CRI80 2 x 3030lm (15°)	S2 15°	BB	
		W9 3000K / CRI90 2 x 2343lm (15°)	M1 24°		
		X8 4000K / CRI80 2 x 2967lm (15°)	M3 34°	 ON-OFF 2X 71-6661 PHASE CUT 2X 71-7716 1-10V 2X 71-4708 0/1-10V/PUSH/DALI 2X 71-4706	
AA GU10	G1	NA	BU		
AA G53	G5	NA	BU		

P.149

Example of codification | **AF12-18W8S2BB14**

Structure

Accessories not included



71-2949 - 14 - 00
N3
60
324x180 302x160



71-5652-00-00 Elliptical Diffuser
no GU10 / G53



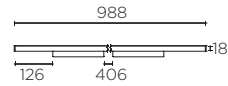
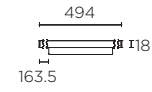
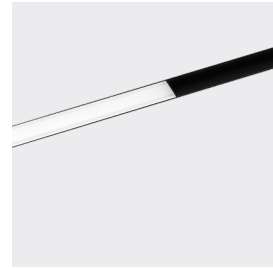
ACT-9180-60-00 Honeycomb
no GU10 / G53

Infinite low voltage

60



BODY MAT AL DIF MAT PVC 50000h L80 B20 3 MacAdam



LED					
K	CRI	W	Real lm		
2700	90	6,5	272	90-7359	- 60 - 00 DA
3000	90	6,5	290	90-7361	

100

- 00 ON-OFF
- DA DALI
- ~~48VDC P.108~~

LED					
K	CRI	W	Real lm		
2700	90	13	544	90-7360	- 60 - 00 DA
3000	90	13	581	90-7362	

50

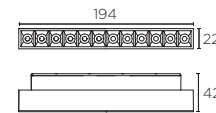
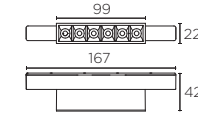
- 00 ON-OFF
- DA DALI
- ~~48VDC P.108~~

Bento low voltage N

60



BODY MAT AL / PC 50000h L80 B20 3 MacAdam LOW FLICKER



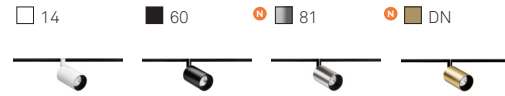
LED NICHIA					
K	CRI	W	Real lm	▲	
2700	90	6	594	25°	15-7885
3000	90	6	594	25°	15-7886

- 00 ON-OFF
- DA DALI
- ~~48VDC P.106~~

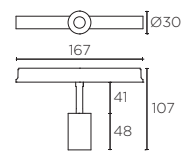
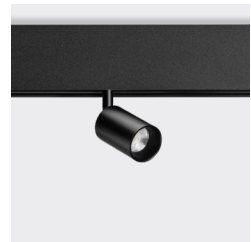
LED NICHIA					
K	CRI	W	Real lm	▲	
2700	90	12	1082	25°	15-7888
3000	90	12	1082	25°	15-7889

- 00 ON-OFF
- DA DALI
- ~~48VDC P.106~~

Atom low voltage 29



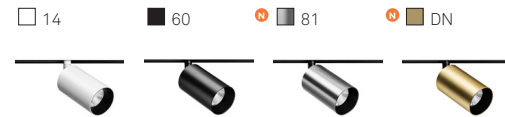
BODY MAT AL IP20 100 50000h L80 B20 2 MacAdam LOW FLICKER 90° 360°



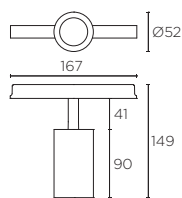
LED CREE		K	CRI	W	Real lm	Beam	Part No.	Color	Control
2700	90	3,1	269	24°	35-7285	14	60	00	DA
3000	90	3,1	269	24°	35-7286	81	DN	00	DA

00 ON-OFF
DA DALI
48VDC P.106

Atom low voltage 52



BODY MAT AL IP20 50000h L80 B20 2 MacAdam LOW FLICKER 90° 360°



LED CREE		K	CRI	W	Real lm	Beam	Part No.	Color	Control
2700	90	12,1	853	24°	35-7279	14	60	00	DA
			928	33°	35-7280	81	00	DA	
			778	43°	35-7281	DN	00	DA	
3000	90	12,1	853	24°	35-7282	14	60	00	DA
			928	33°	35-7283	81	00	DA	
			778	43°	35-7284	DN	00	DA	

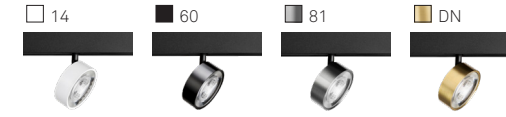
00 ON-OFF
DA DALI
48VDC P.106

Not included

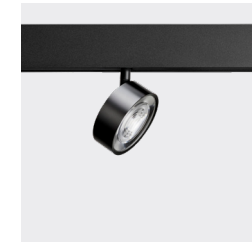
- 50 Visual Comfort **71-6276 - 60 - 00**
- Visor **71-6277 - 60 - 00**
- Front ring **71-6436 - 14 - 00**
23

- 100 5 x Elliptical Diffuser **71-6274 - 00 - 00**
- 5 x Honeycomb **71-6273 - 60 - 00**
- 5 x Softening Lens **71-6275 - 00 - 00**

Kiva low voltage 75 N

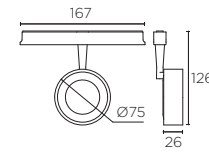


BODY MAT AL IP20 50 50000h L80 B20 2 MacAdam <16 UGR 90° 360°



LED CREE		K	CRI	W	Real lm	Beam	Part No.	Color	Control
2700	90	6,4	458	24°	35-8035	14	60	00	DA
3000	90	6,4	530	24°	35-8036	81	DN	00	DA

00 ON-OFF
DA DALI
48VDC P.106



Kiva low voltage 95 N

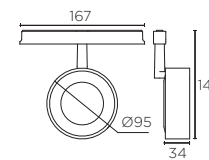


BODY MAT AL IP20 50 50000h L80 B20 2 MacAdam <16 UGR 90° 360°



LED CREE		K	CRI	W	Real lm	Beam	Part No.	Color	Control
2700	90	12	1172	24°	35-8037	14	60	00	DA
3000	90	12	1320	24°	35-8038	81	DN	00	DA

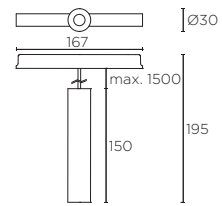
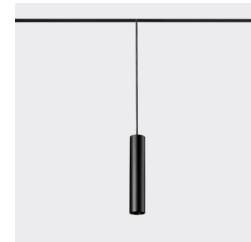
00 ON-OFF
DA DALI
48VDC P.106



Vela low voltage



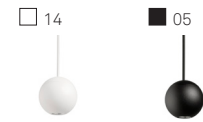
BODY MAT AL 50 50000h L80 B20 2 MacAdam



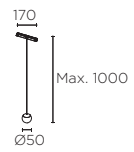
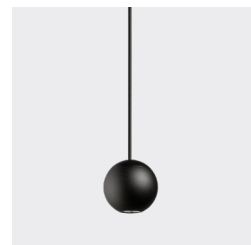
LED CREE					
K	CRI	W	Real lm	Beam	Code
2700	90	3,1	269	24°	00-7341 - 60 - 81 - 00
3000	90	3,1	269	24°	00-7342 - DN - DA

00 ON-OFF
DA DALI
48VDC P.107

Punto low voltage

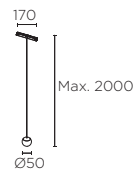


BODY MAT AL 18 50000h L80 B20 3 MacAdam



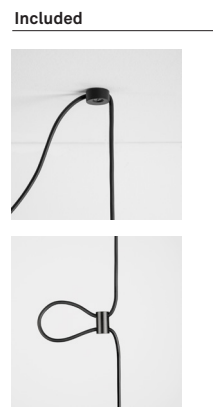
LED				
K	CRI	W	Real lm	Code
3000	90	5	329	00-7906 - 14 - 05 - 00

48VDC P.107



LED				
K	CRI	W	Real lm	Code
3000	90	5	329	00-7907 - 14 - 05 - 00

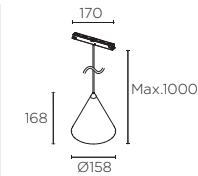
48VDC P.107



Veneto low voltage

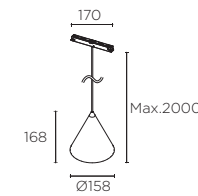


BODY MAT AL / ST DIFMAT PMMA 4 50000h L80 B20 2 MacAdam



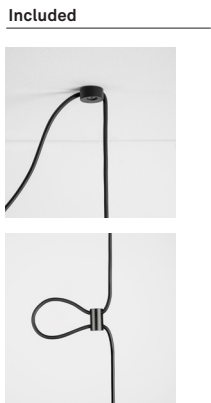
LED SAMSUNG				
K	CRI	W	Real lm	Code
2700	80	5	268	00-7592 - 05-DO

48VDC P.107



LED SAMSUNG				
K	CRI	W	Real lm	Code
2700	80	5	268	00-7593 - 05-DO

48VDC P.107

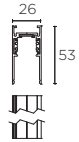
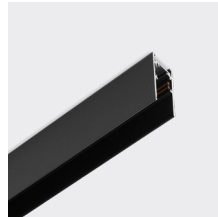


Track low voltage surface

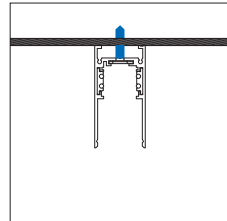
60



BODY MAT AL / ST



mm	
1000	71-7624
2000	71-7625 - 60 - 00
3000	71-7626



Installation

Accessories not included

	"I" surface union kit	71-7639 - 60 - 00
	L-shape connector right / left	71-7627 - 60 - 00
	Mains connector right / left	71-7637 - 60 - 00
	Covers kit	71-7705 - 00 - 00
	Black cover 1000mm	71-8030 - 60 - 00
	Black cover 2000mm	71-8031 - 60 - 00
	Black cover 3000mm	71-8032 - 60 - 00

Power supply



(71-7648)

W	IP		
150	20	☉	71-7646 - 00 - 00
240	67	☐	71-7647 - 00 - 00
240	67	☐	DIN 35mm 71-7648 - 00 - 00

100-240V 50-60Hz



71-8115 - 00 - 00

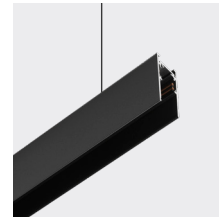
Track Low Voltage compatible DALI controller
It enables DALI regulation in the low-voltage rail solution. The lights must be dimmed using DALI protocol.

Track low voltage pendant

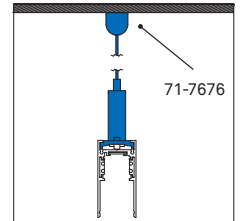
60



BODY MAT AL / ST



mm	
1000	71-7624
2000	71-7625 - 60 - 00
3000	71-7626



Installation

Accessories not included

	Suspended installation kit (1 unit per profile)	71-7676 - 00 - 00
	"I" suspended union kit	71-7629 - 60 - 00
	L-shape connector right / left	71-7627 - 60 - 00
	Mains connector right / left	71-7637 - 60 - 00
	Covers kit	71-7705 - 00 - 00
	Suspension with mains supply	71-7520 - 14 60 - 00
	Black cover 1000mm	71-8030 - 60 - 00
	Black cover 2000mm	71-8031 - 60 - 00
	Black cover 3000mm	71-8032 - 60 - 00

Power supply



(71-7648)

W	IP		
150	20	☉	71-7646 - 00 - 00
240	67	☐	71-7647 - 00 - 00
240	67	☐	DIN 35mm 71-7648 - 00 - 00

100-240V 50-60Hz



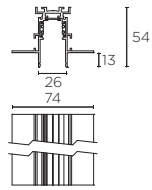
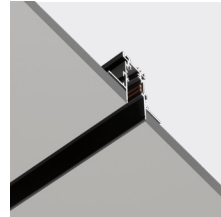
71-8115 - 00 - 00

Track Low Voltage compatible DALI controller
It enables DALI regulation in the low-voltage rail solution. The lights must be dimmed using DALI protocol.

Track low voltage recessed

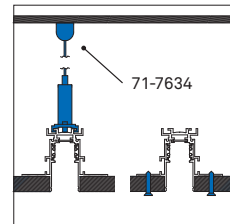


BODY MAT AL / ST



mm		
1000	54x1000	71-7630
2000	54x2000	71-7631 - 60 - 00
3000	54x3000	71-7632

± 0-13,3mm



Installation

Accessories not included

	Recessed installation kit (1 unit per profile)	71-7634 - 00 - 00
	"I" recessed union kit	71-7633 - 60 - 00
	L-shape connector right / left	71-7706 - 60 - 00
	Mains connector right / left	71-7637 - 60 - 00
	Covers kit	71-7705 - 00 - 00
	Black cover 1000mm	71-8030 - 60 - 00
	Black cover 2000mm	71-8031 - 60 - 00
	Black cover 3000mm	71-8032 - 60 - 00

Power supply



(71-7648)

W	IP		
150	20	⊕	71-7646 - 00 - 00
240	67	⊕	71-7647 - 00 - 00
240	67	⊕ DIN 35mm	71-7648 - 00 - 00

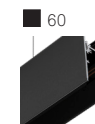
100-240V 50-60Hz



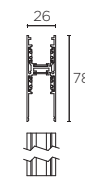
71-8115 - 00 - 00

Track Low Voltage compatible DALI controller
It enables DALI regulation in the low-voltage rail solution. The lights must be dimmed using DALI protocol.

Track low voltage Up&Down N

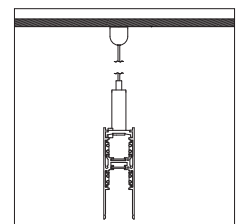


BODY MAT AL



mm		
1000		71-8043
2000		71-8044 - 60 - 00
3000		71-8045

"UP" installation only compatible with either the ATOM or KIVA low voltage systems /



Installation

Accessories not included

	Suspended installation kit (1 unit per profile)	71-8124 - 00 - 00
	"I" suspended union kit	71-7633 - 60 - 00
	Mains connector right / left	71-7637 - 60 - 00
	L-shape connector right / left	71-8047 - 60 - 00
	Covers kit	71-8046 - 00 - 00
	Black cover 1000mm	71-8030 - 60 - 00
	Black cover 2000mm	71-8031 - 60 - 00
	Black cover 3000mm	71-8032 - 60 - 00

Power supply



(71-7648)

W	IP		
150	20	⊕	71-7646 - 00 - 00
240	67	⊕	71-7647 - 00 - 00
240	67	⊕ DIN 35mm	71-7648 - 00 - 00

100-240V 50-60Hz



71-8115 - 00 - 00

Track Low Voltage compatible DALI controller
It enables DALI regulation in the low-voltage rail solution. The lights must be dimmed using DALI protocol.

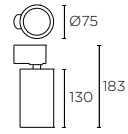
Atom track 75



BODY MAT AL DIF MAT PC 50000h L80 B20 90° 320° CONTROL P.152



LED AC



LED VOSSLÖH						
K	CRI	W	Real lm	Beam	Code	Option
2700	90	14,3	1005	22°	35-6279	
			861	31°	35-6280	- 14 - 60 - MS
			668	39°	35-6281	
3000	90	14,3	1005	22°	35-6282	
			861	31°	35-6283	- 14 - 60 - MS ML
			668	39°	35-6284	

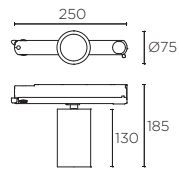
3 MacAdam
 MS MAINS L,C 220-240V 50-60Hz
 ML MAINS L,C 110V-130V 50-60Hz

Not included

- ACT-9105 - 14 - 00 60
Surface
- 71-5953 - 14 - 00 60
Recessed

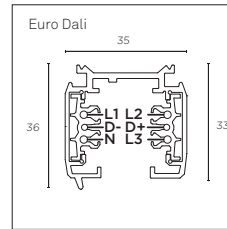


LED DRIVER



LED CREE						
K	CRI	W	Real lm	Beam	Code	Option
2700	90	24	2404	22°	35-7305	
			1991	31°	35-7306	- 14 - 60 - OS ES
			1567	39°	35-7307	
3000	90	24	2404	22°	35-7308	
			1991	31°	35-7309	- 14 - 60 - OS ES
			1567	39°	35-7310	

LOW FLICKER 2 MacAdam
 OS ON/OFF 220-240V 50-60Hz
 ES DALI 220-240V 50-60Hz

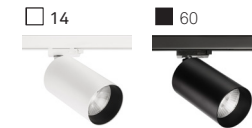


P.115

Not included

- | | |
|--|---|
| <ul style="list-style-type: none"> 50 Visual Comfort 71-6282 - 60 - 00 Visor 71-6283 - 60 - 00 Front ring 71-6437 - 14 - 00 23 | <ul style="list-style-type: none"> 100 5 x Elliptical Diffuser 71-6280 - 00 - 00 5 x Honeycomb 71-6279 - 60 - 00 5 x Softening Lens 71-6281 - 00 - 00 |
|--|---|

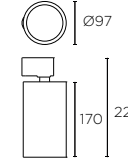
Atom track 97



BODY MAT AL DIF MAT PC 50000h L80 B20 90° 320° CONTROL P.152



LED AC



LED VOSSLÖH						
K	CRI	W	Real lm	Beam	Code	Option
2700	90	31	1850	24°	35-6285	
			1586	36°	35-6286	- 14 - 60 - MS
			1252	43°	35-6287	
3000	90	31	1850	24°	35-6288	
			1586	36°	35-6289	- 14 - 60 - MS ML
			1252	43°	35-6290	

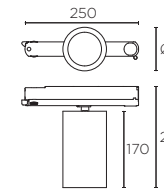
3 MacAdam
 MS MAINS L,C 220-240V 50-60Hz
 ML MAINS L,C 110V-130V 50-60Hz

Not included

- ACT-9105 - 14 - 00 60
Surface
- 71-5953 - 14 - 00 60
Recessed

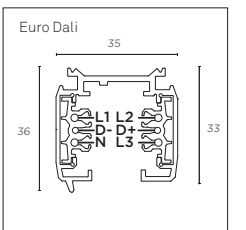


LED DRIVER



LED CREE						
K	CRI	W	Real lm	Beam	Code	Option
2700	90	37,3	3529	24°	35-7323	
			3056	36°	35-7324	- 14 - 60 - OS ES
			2369	43°	35-7325	
3000	90	37,3	3529	24°	35-7326	
			3056	36°	35-7327	- 14 - 60 - OS ES
			2369	43°	35-7328	

LOW FLICKER 2 MacAdam
 OS ON/OFF 220-240V 50-60Hz
 ES DALI 220-240V 50-60Hz



P.115

LED TRIDONIC

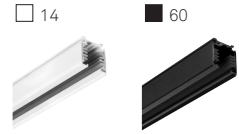
K	CRI	W	Real lm	Beam	Code	Option
FRESH	98	24,1	2468	24°	35-7323	
			2137	36°	35-7324	- 14 - 60 - OF EF
			1656	43°	35-7325	

LOW FLICKER 2 MacAdam
 OF ON/OFF 220-240V 50-60Hz
 EF DALI 220-240V 50-60Hz

Not included

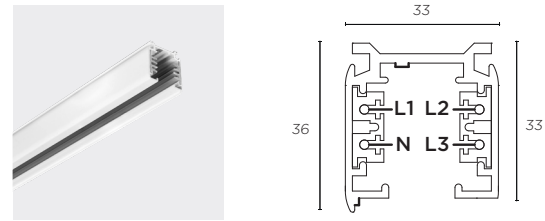
- | | |
|--|--|
| <ul style="list-style-type: none"> 50 Visual Comfort 71-6288 - 60 - 00 Visor 71-6289 - 60 - 00 Front ring 71-6438 - 14 - 00 23 | <ul style="list-style-type: none"> 100 5 x Elliptical Diffuser 71-6286 - 00 - 00 5 x Honeycomb 71-6285 - 60 - 00 5 x Softening Lens 71-6287 - 00 - 00 Anti-glare flap 12 71-6290 - 60 - 00 |
|--|--|

Tracks



BODY MAT AL IP20

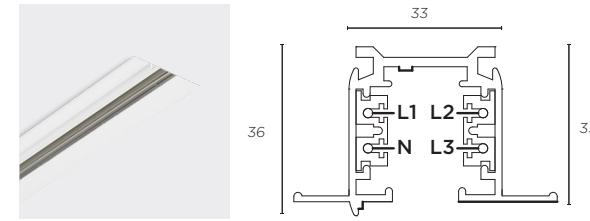
TRIMLESS



mm	
2000	71-5210 - 14 - 00
3000	71-5211 - 60 - 00

8

trim



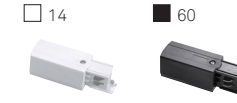
mm	
2000	71-5213 - 14 - 00
	60 - 00

6



Project: Culinarium Sant Andreu
 Location: Barcelona, Spain
 In collaboration with: Culinarium

Tracks



Connection accessories

TRIMLESS

Left connector

		Mains connector (left)	71-5214 - 14 - 00
		Left "L" connector	71-5219 - 14 - 00
		"T" connector left	71-5227 - 14 - 00

Right connector

		Mains connector (right)	71-5215 - 14 - 00
		Right "L" connector	71-5220 - 14 - 00
		"T" connector right	71-5228 - 14 - 00

Connector

		"X" connector	71-5231 - 14 - 00
--	--	---------------	-------------------

trim

Left connector

		Mains connector (left)	71-5216 - 14 - 00
		Left "L" connector	71-5221 - 14 - 00
		"T" connector left	71-5229 - 14 - 00

Right connector

		Mains connector (right)	71-5217 - 14 - 00
		Right "L" connector	71-5222 - 14 - 00
		"T" connector right	71-5230 - 14 - 00

Connector

		"X" connector	71-5232 - 14 - 00
--	--	---------------	-------------------




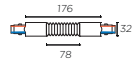



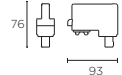
Tracks

□ 14 ■ 60






Connection accessories

TRIMLESS & TRIM

		End cap	71-5218 - 14 - 60 - 00
		Flexible Connector	71-5223 - 14 - 60 - 00
		Straight connector	71-5224 - 14 - 60 - 00
		Track connector	71-2232 - 14 - 14 - 60 - 60

Installation accessories

TRIMLESS & TRIM

	For direct mounting on false ceilings. 4 units/ref. Recommended for suspended installation.	71-5225 - 14 - 60 - 00	Total mts installation / 2 = total units 71-5225
	Suspension with mains supply	71-7520 - 14 - N3 - 60 - 00	
	Steel cable + clip for suspended mounting 2 units. (1.300mm)	71-7656 - 14 - 60 - 00	

TRIM NOT INCLUDED / required

	Recessed kit. 2 units/ref	ACT-9165 - 48 - 00
--	------------------------------	--------------------

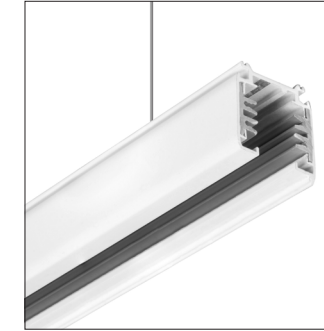
1m = 1 kit
2m = 2 kits

Tracks Euro

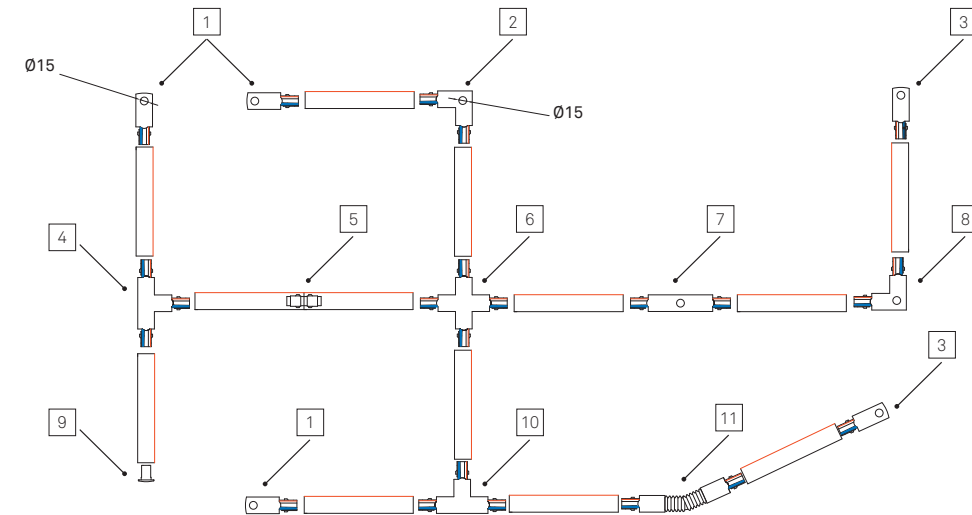
TRIMLESS



SUSPENDED



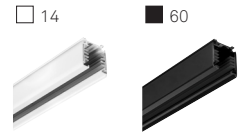
TOP VIEW



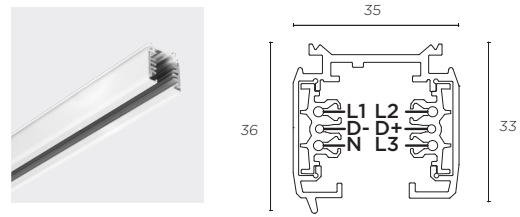
TRIMLESS

1	71-7538	6	71-7546	11	71-7547
2	71-7542	7	71-7541		
3	71-7539	8	71-7543		
4	71-7544	9	71-7537		
5	71-7540	10	71-7545		

Track Euro Dali



BODY MAT AL



Euro Dali

mm	□	▲	
1000	12	DALI	71-7534
2000	6	DALI	71-7535 - 14 60 - 00
3000	6	DALI	71-7536

100-240V 50-60Hz

Connection accessories / Anschlusszubehöre

		Mains connector (right)	DALI	71-7539 - 14 60 - 00
		Mains connector (left)	DALI	71-7538 - 14 60 - 00
OFFICE SOLUTIONS				
		End cap	DALI	71-7537 - 14 60 - 00
		Track / euro dali / mini union "I" mini	DALI	71-7540 - 14 60 - 00
		Track / euro dali / union "I"	DALI	71-7541 - 14 60 - 00
		Left "L" connector	DALI	71-7542 - 14 60 - 00
		Right "L" connector	DALI	71-7543 - 14 60 - 00
		"T" connector left	DALI	71-7544 - 14 60 - 00
		"T" connector right	DALI	71-7545 - 14 60 - 00
		"X" connector	DALI	71-7546 - 14 60 - 00
		Flexible Connector	DALI	71-7547 - 14 60 - 00
		For direct mounting on false ceilings. 4 units/ref. Recommended for suspended installation.	-	71-8197 - 14 60 - 00
		Suspension with mains supply	DALI	71-7521 - 14 60 - 00
		Steel cable + clip for suspended mounting 2 units.	-	71-7656 - 14 60 - 00

(1.300mm)

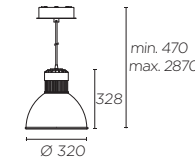
Pek



BODY MAT AL

50000h L80 B20 2 MacAdam <19 UGR COMPATIBLE CASAMBI P.152

CONTROL P.152



LED CREE

K	CRI	W	Real lm	UGR	
3000	80	34,3	2512	<19	00-4941 - 14 60 - 00
		42	4193	<22	00-4947 - 14 60 - 00
3000	90	42	3347	<19	00-4953 - 14 60 - 00
		34,3	2512	<19	00-4944 - 14 60 - 00
4000	80	42	4193	<22	00-4950 - 14 60 - 00

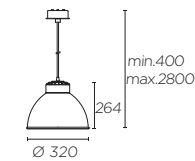
DIF MAT AL

100-240V 50-60Hz

BODY MAT AL

COMPATIBLE CASAMBI P.152

CONTROL P.152



E27

W	
100 max	00-4962 - 14 60 - 00

DIF MAT AL

Not included

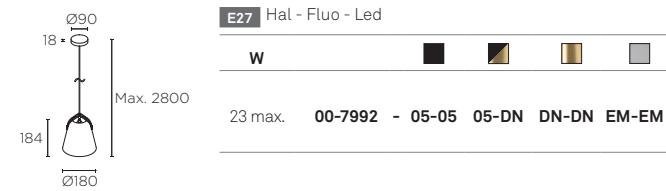
	71-2232 - 14 - 14 60 - 60
Track connector	

Napa N

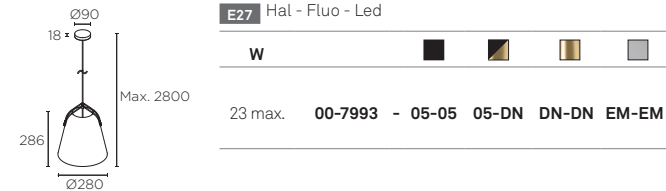
05-05 05-DN DN-DN EM-EM



BODY MAT ST



E27 Hal - Fluo - Led	
W	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
23 max.	00-7992 - 05-05 05-DN DN-DN EM-EM



E27 Hal - Fluo - Led	
W	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
23 max.	00-7993 - 05-05 05-DN DN-DN EM-EM

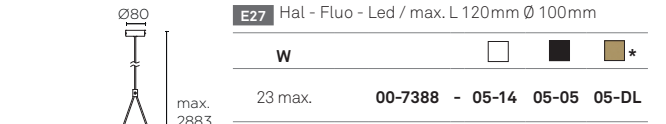
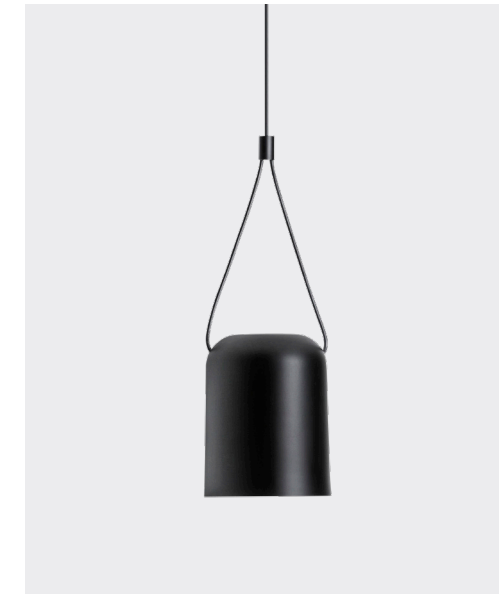
Attic

05-14 05-05 05-DL*

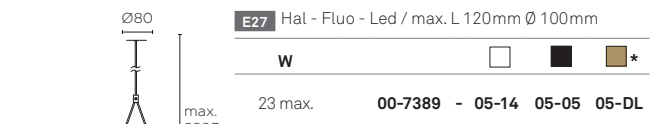


BODY MAT AL

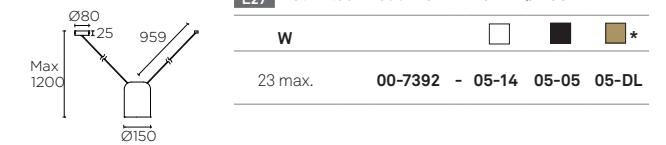
* Please contact our sales team for conditions and delivery times.



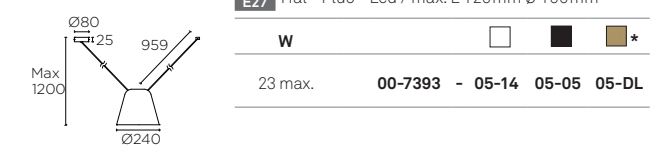
E27 Hal - Fluo - Led / max. L 120mm Ø 100mm	
W	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
23 max.	00-7388 - 05-14 05-05 05-DL



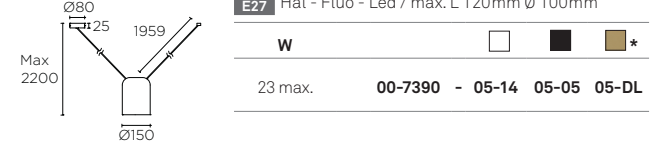
E27 Hal - Fluo - Led / max. L 120mm Ø 100mm	
W	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
23 max.	00-7389 - 05-14 05-05 05-DL



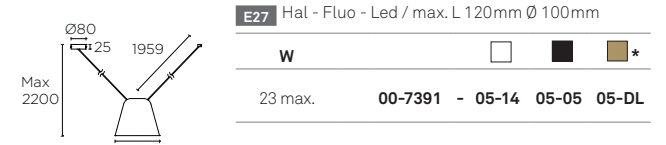
E27 Hal - Fluo - Led / max. L 120mm Ø 100mm	
W	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
23 max.	00-7392 - 05-14 05-05 05-DL



E27 Hal - Fluo - Led / max. L 120mm Ø 100mm	
W	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
23 max.	00-7393 - 05-14 05-05 05-DL



E27 Hal - Fluo - Led / max. L 120mm Ø 100mm	
W	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
23 max.	00-7390 - 05-14 05-05 05-DL



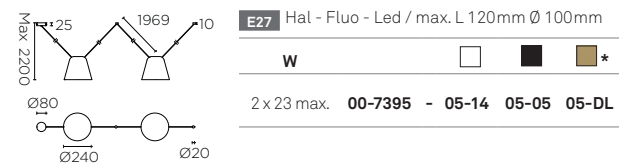
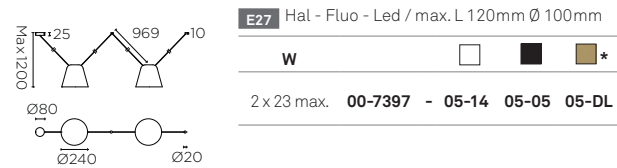
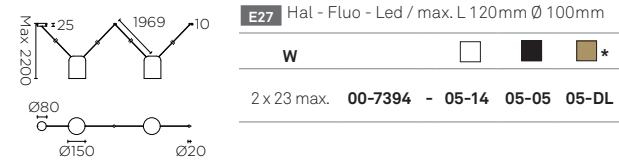
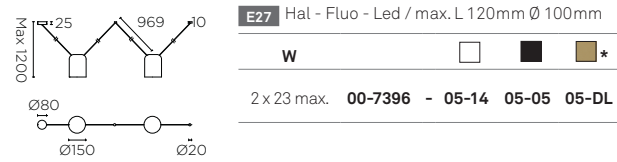
E27 Hal - Fluo - Led / max. L 120mm Ø 100mm	
W	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
23 max.	00-7391 - 05-14 05-05 05-DL



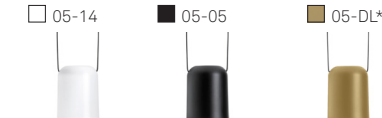
Attic



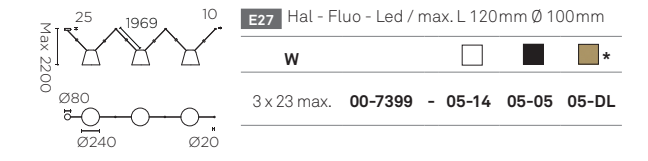
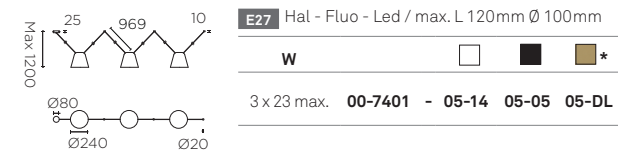
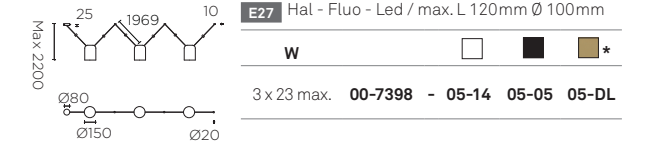
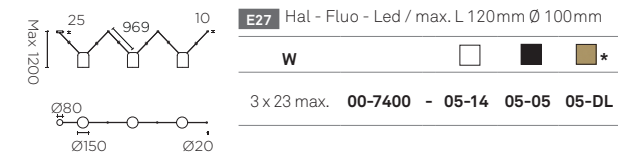
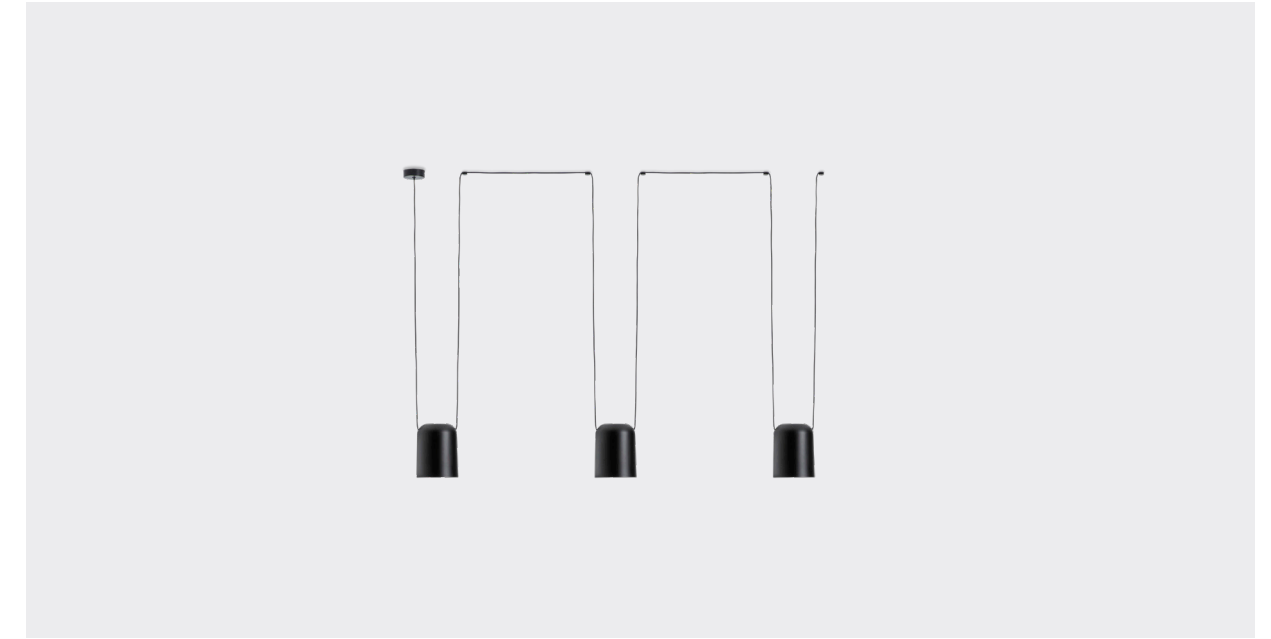
* Please contact our sales team for conditions and delivery times.



Attic



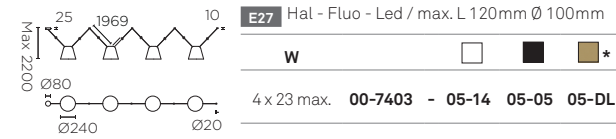
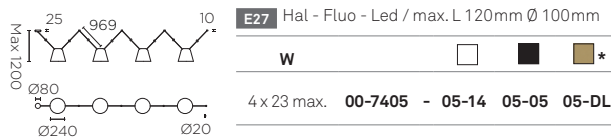
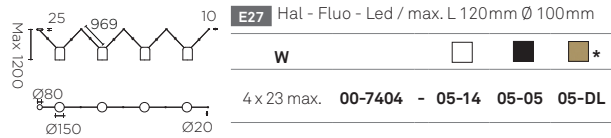
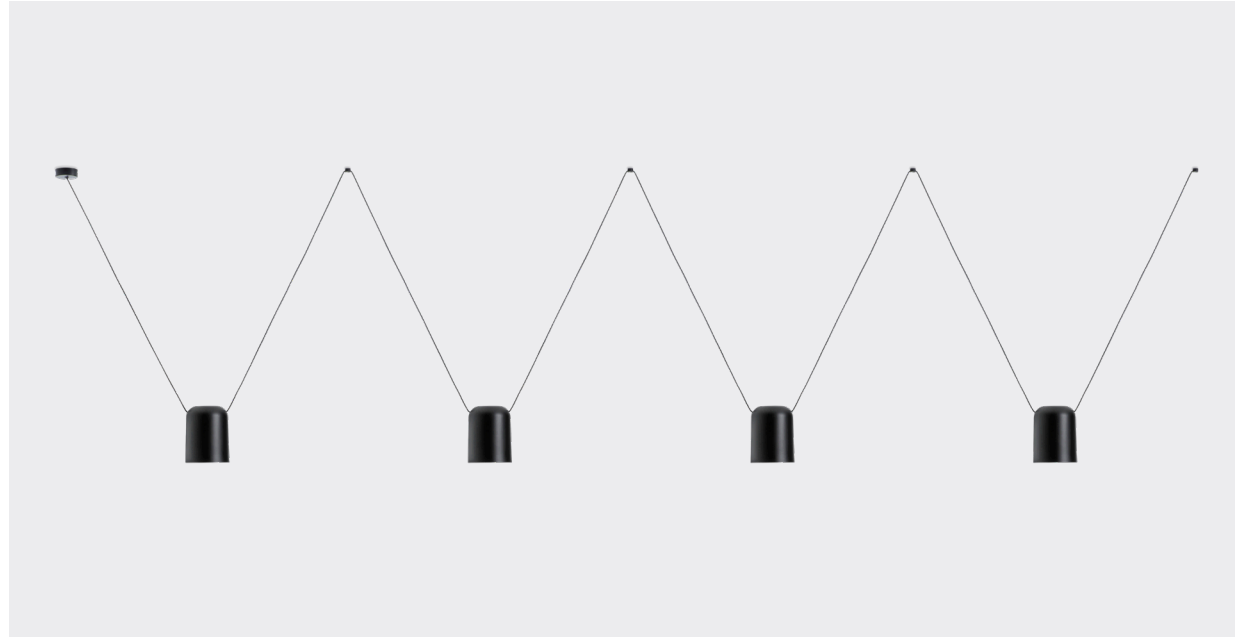
* Please contact our sales team for conditions and delivery times.



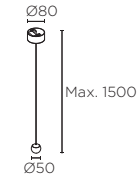
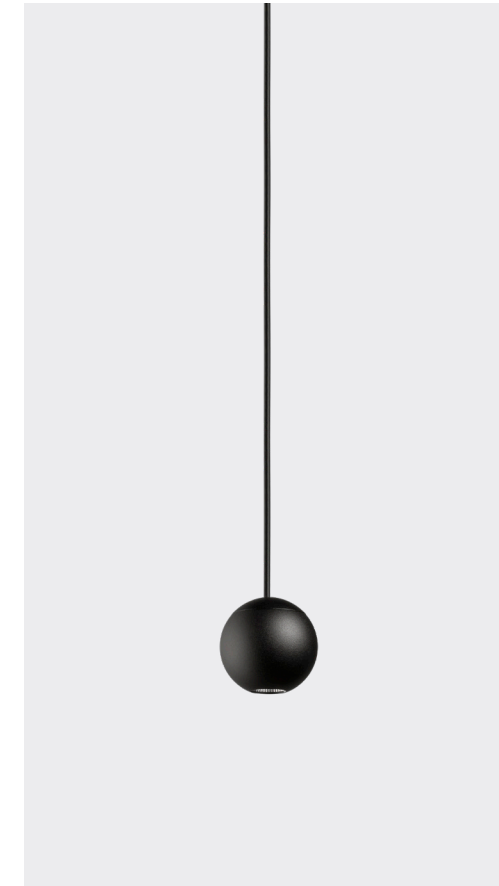
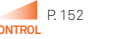
Attic



* Ask our sales team about other combinations.

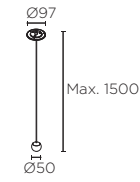


Punto ^N



LED				Color	Material
K	CRI	W	Real lm	05-05	14-14
3000	90	5	329	00-7898	00-7899

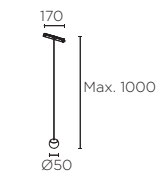
100-277VAC 50-60Hz



LED				V	Control	Color	Material
K	CRI	W	Real lm	220-240	MAINS LC	05-05	14-14
3000	90	5	329	100-277	-	00-7899	00-7900
				220-240	DALI	00-7901	00-7902

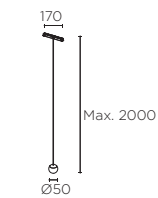
Ø65 50-60Hz

Low voltage



LED				Color	Material
K	CRI	W	Real lm	14-05	00
3000	90	5	329	00-7906	00-7907

48 VDC



LED				Color	Material
K	CRI	W	Real lm	14-05	00
3000	90	5	329	00-7907	00-7908

48 VDC

Included



Low Voltage Collection

Discover the flexibility of the LEDS C4 low voltage range which, with magnetic fitting on all its modules, is quick and easy to install without tools. Discover the full LEDS C4 low voltage range page 79.

Punto N



BODY MAT AL 50000h L80 B20 3 MacAdam P.152



LED CREE

K	CRI	W	Real lm	□	■
3000	90	18,5	625	00-7902	14-14 05-05

100-240VAC 50-60Hz

LED CREE

K	CRI	W	Real lm	▲	□	■
3000	90	18,5	625	00-7903	00-7904	14-14 05-05
				0...10V DALI	00-7905	

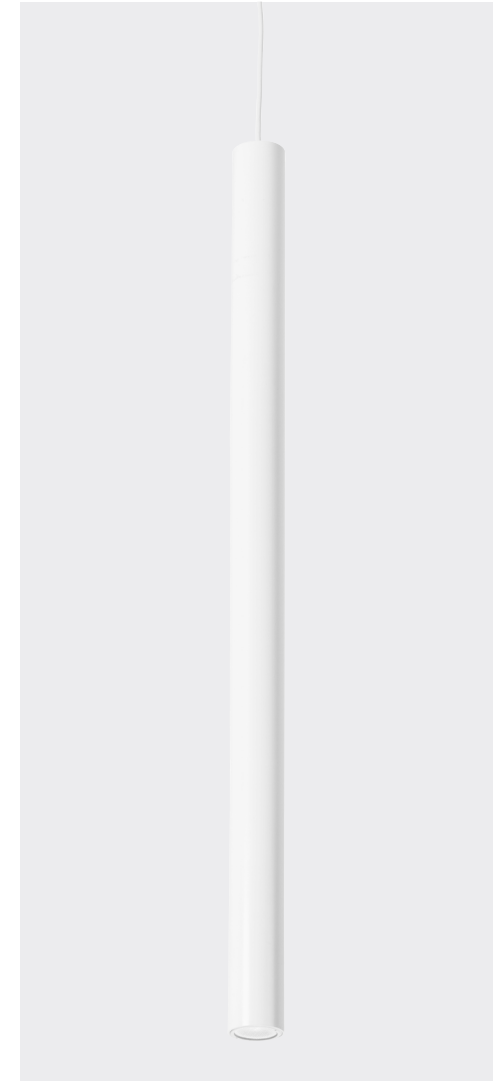
100-240VAC 50-60Hz

■ Infinite compositions

Stylus



BODY MAT AL 50000h L80 B20 3 MacAdam



LED

K	CRI	W	Real lm	□	■
3000	90	7,7	412	00-5478	14-14 05-05

100-240V 50-60Hz

LED

K	CRI	W	Real lm	□	■
3000	90	7,7	412	00-5981	14-14 05-05

100-240V 50-60Hz

LED

K	CRI	W	Real lm	□	■
3000	90	7,7	412	00-5479	14-14 05-05

100-240V 50-60Hz

LED

K	CRI	W	Real lm	□	■
3000	82	7,5	584	00-5982	14-14 05-05

100-240V 50-60Hz

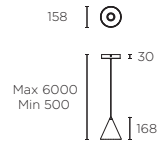
Veneto

14-DO 60-DO* DL-DO*



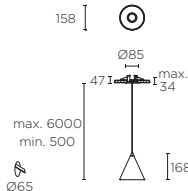
* Please contact our sales team for conditions and delivery times.

BODY MAT AL / ST DIF MAT PMMA 4 50000h L80 B20 2 MacAdam CONTROL P.152



LED CREE		K	CRI	W	Real lm	V				
2700	80	6,7	452	100-240	-	00-7588	-	14-DO	60-DO	DL-DO
				220-240	MAINS LC	00-7589				

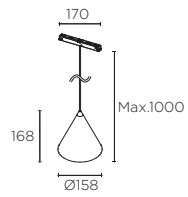
100-240V 50-60Hz



LED CREE		K	CRI	W	Real lm	V	
2700	80	6,7	452	100-240	-	00-7590	-
				220-240	MAINS LC	00-7591	-

65 max. 30mm 100-240V 50-60Hz

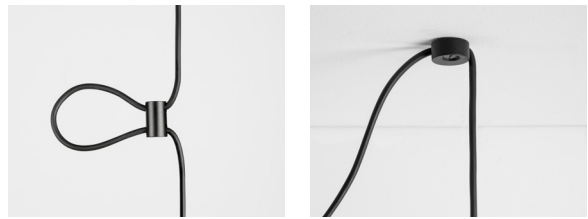
Veneto low voltage



LED SAMSUNG		K	CRI	W	Real lm		
2700	80	5	268	-	00-7592	-	05-DO

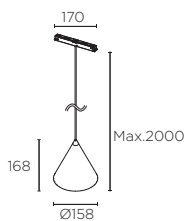
P.106 48VDC

Included



Low Voltage Collection

Discover the flexibility of the LEDS C4 low voltage range which, with magnetic fitting on all its modules, is quick and easy to install without tools. Discover the full LEDS C4 low voltage range page 79.



LED SAMSUNG		K	CRI	W	Real lm		
2700	80	5	268	-	00-7593	-	05-DO

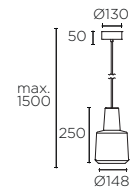
P.106 48VDC

Khoi

14 CS

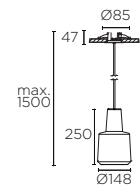


BODY MAT AL DIF MAT GLA 6 50000h L80 B20 2 MacAdam CONTROL



LED CREE		K	CRI	W	Real lm		
3000	80	19,5	907	00-4037	-	14 - 37	CS - 12

100-240V 50-60Hz



LED CREE		K	CRI	W	Real lm		
3000	80	19,5	907	00-5980	-	14 - 37	CS - 12

65 max. 30 100-240V 50-60Hz

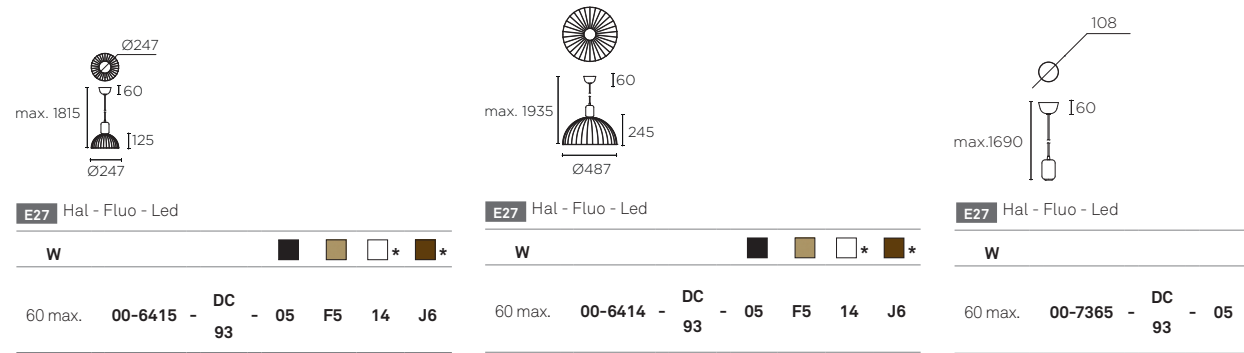


Contrast



* Please contact our sales team for conditions and delivery times.

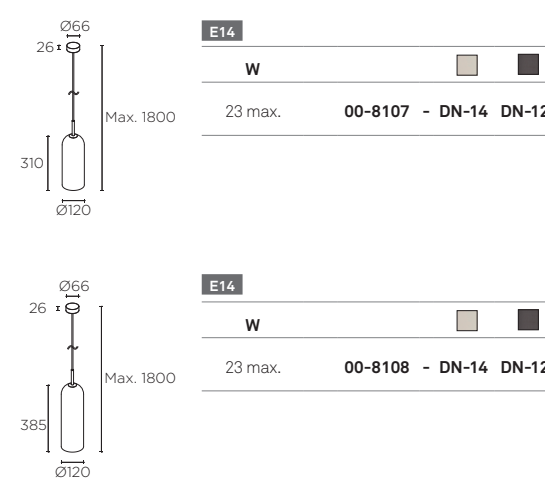
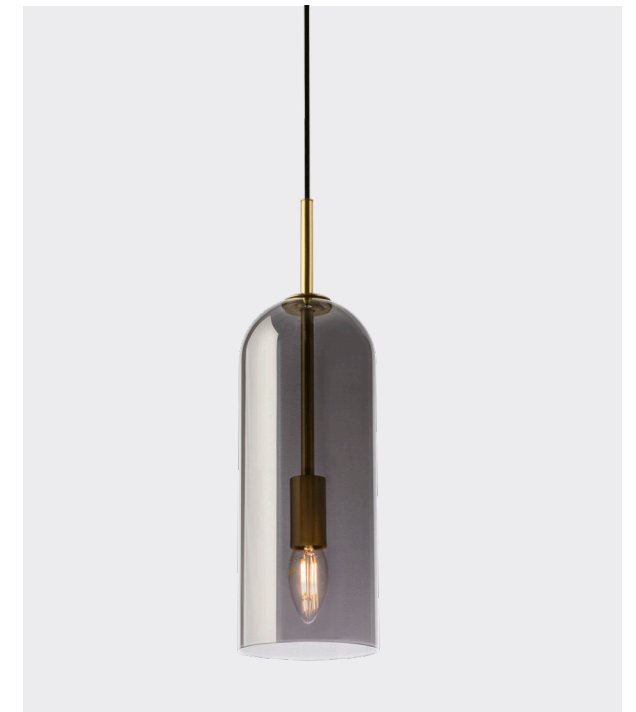
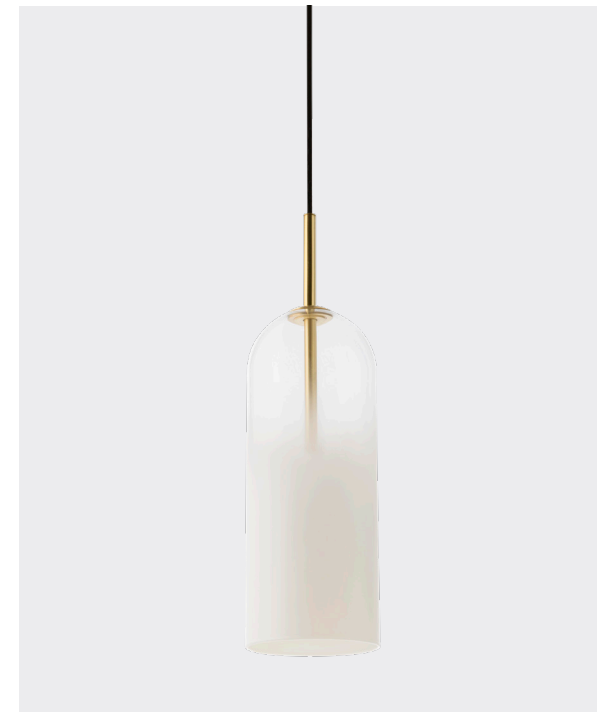
BODY MAT ST / CON / WOOD 1



Glam N



BODY MAT ST DIF MAT GLA ®



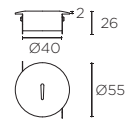
Paso **N**

□ 14

■ N3



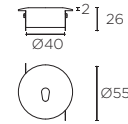
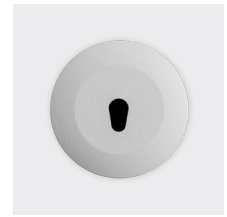
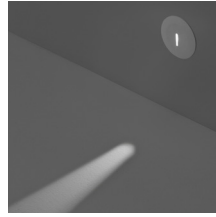
BODY MAT AL DIF MAT PVC IP42 100 50000h L80 B20 3 MacAdam



LED OSRAM					
K	CRI	W	Real lm	mA	
3000	80	1	9	350 max.	55-8024 - 14 - 00

Ø45 5-18mm UGR <16

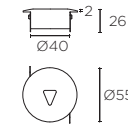
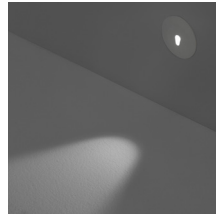
- 1x1
- ON-OFF 71-8077
- PHASE CUT 71-4928
- 1-10V/PUSH 71-3475
- 0/1-10V/PUSH/DALI 71-4706
- P.149



LED OSRAM					
K	CRI	W	Real lm	mA	
3000	80	1	19	350 max.	55-8025 - N3 - 00

Ø45 5-18mm UGR <16

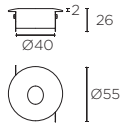
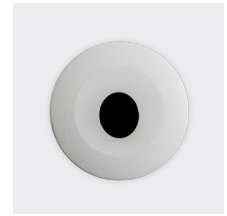
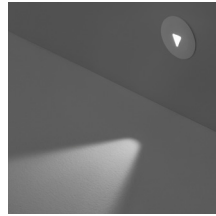
- 1x1
- ON-OFF 71-8077
- PHASE CUT 71-4928
- 1-10V/PUSH 71-3475
- 0/1-10V/PUSH/DALI 71-4706
- P.149



LED OSRAM					
K	CRI	W	Real lm	mA	
3000	80	1	25	350 max.	55-8026 - 14 - 00

Ø45 5-18mm UGR <19

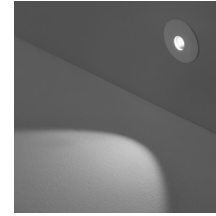
- 1x1
- ON-OFF 71-8077
- PHASE CUT 71-4928
- 1-10V/PUSH 71-3475
- 0/1-10V/PUSH/DALI 71-4706
- P.149



LED OSRAM					
K	CRI	W	Real lm	mA	
3000	80	1	40	350 max.	55-8027 - N3 - 00

Ø45 5-18mm UGR <22

- 1x1
- ON-OFF 71-8077
- PHASE CUT 71-4928
- 1-10V/PUSH 71-3475
- 0/1-10V/PUSH/DALI 71-4706
- P.149



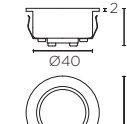
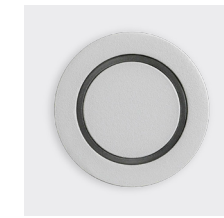
Paso **N**

□ 14

■ N3



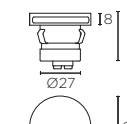
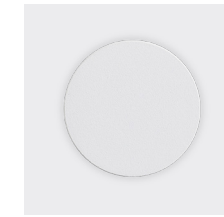
BODY MAT AL DIF MAT PVC IP42 100 50000h L80 B20 3 MacAdam



LED OSRAM					
K	CRI	W	Real lm	mA	
3000	80	1	17	350 max.	55-8028 - N3 - 00

Ø45 5-18mm UGR <19

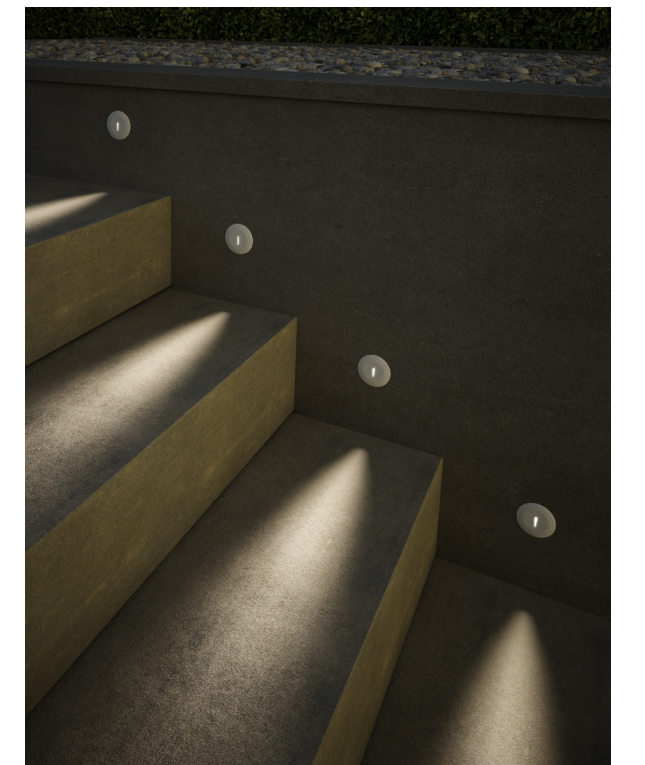
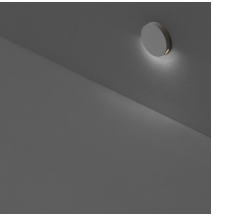
- 1x1
- ON-OFF 71-8077
- PHASE CUT 71-4928
- 1-10V/PUSH 71-3475
- 0/1-10V/PUSH/DALI 71-4706
- P.149



LED OSRAM					
K	CRI	W	Real lm	mA	
3000	80	1	2	350 max.	55-8029 - 14 - 00

Ø31 5-18mm UGR 0

- 1x1
- ON-OFF 71-8077
- PHASE CUT 71-4928
- 1-10V/PUSH 71-3475
- 0/1-10V/PUSH/DALI 71-4706
- P.149

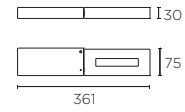


Mai

□ 14



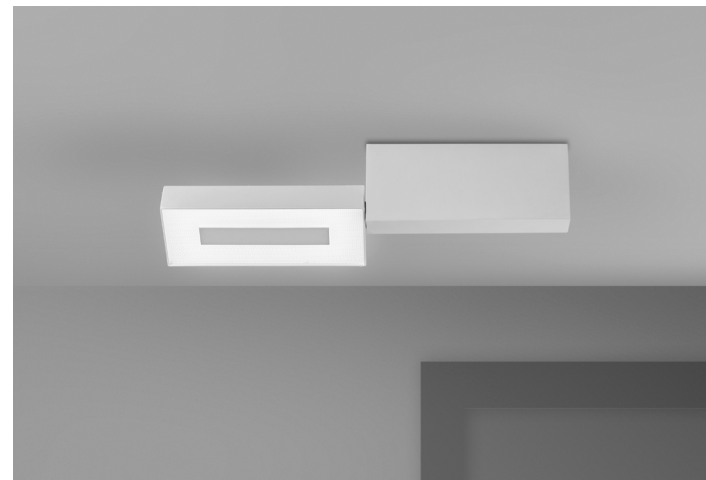
BODY MAT PC DIF MAT PMMA IP20 20 50000h L80 B20 3 MacAdam 350° CONTROL P.152



LED SAMSUNG

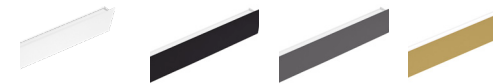
K	CRI	W	Real lm			
3000	80	11,6	851	05-6399	- 14	OU DU
		24,5	1644	05-6408	- 14	OU DS
4000	80	11,6	851	05-6405	- 14	OU DU
		24,5	1644	05-6411	- 14	OU DS

OU ON/OFF 100-240V 50-60Hz
 DU DALI 100-240V 50-60Hz
 DS DALI 220-240V 50-60Hz



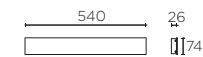
Fino

□ 14-14 ■ 60-60* ■ Z5-Z5* ■ DL-DL*



* Please contact our sales team for conditions and delivery times.

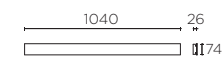
BODY MAT AL DIF MAT PMMA 50000h L80 B20 3 MacAdam UGR <17,8 CONTROL P.152



LED

K	CRI	W	lm	V				
2700	80	10,8	452	100-240	-	□	05-7573	- 14-14 60-60 Z5-Z5 DL-DL
				220-240	1.10V	⊕	05-7574	

8 50-60Hz



LED

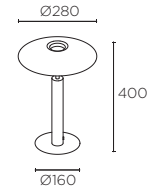
K	CRI	W	lm	V				
2700	80	21,6	905	220-240	-	□	05-7575	- 14-14 60-60 Z5-Z5 DL-DL
					1.10V	⊕	05-7576	

6 50-60Hz

H N



BODY MAT ST DIF MAT ACR ® 2 50000h L80 B20 3 MacAdam ⚡ ⏻

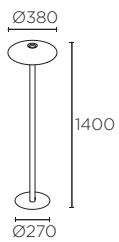


LED SAMSUNG					
K	CRI	W	Real lm	05	DN
2700	90	14,9	553	10-7742 - 05-05	DN-DN
				220-240VAC	50-60Hz

H N



BODY MAT ST DIF MAT ACR ® 1 50000h L80 B20 3 MacAdam ⚡ ⏻

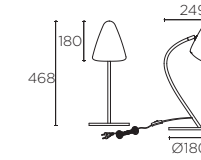


LED SAMSUNG					
K	CRI	W	Real lm	05	DN
2700	90	14,9	553	25-7742 - 05-05	DN-DN
				220-240VAC	50-60Hz

Organic

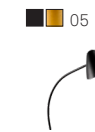


BODY MAT ST ® IP20 2 ⚡ ⏻ 355° 90°

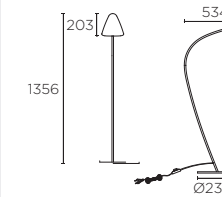


E27 Hal - Fluo - Led / max. L 120mm Ø 80mm	
W	
23 max.	10-7582 - 05 - 05

Organic



BODY MAT ST ® IP20 1 ⚡ ⏻ 355° 90°



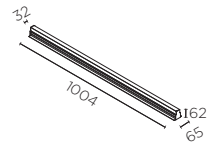
E27 Hal - Fluo - Led / max. L 120mm Ø 80mm	
W	
23 max.	25-7582 - 05 - 05

Taglio recessed

M3

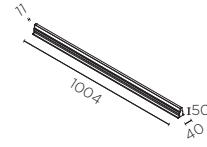


BODY MAT AL DIF MAT PMMA IP65 / IP67 IK10 50000h L80 B20 3 MacAdam CONTROL P.152



LED NICHIA				
K	CRI	W	Real lm	
3000	80	14,7	1407	55-E004 - M3 - CL
1004x65 6 2 x 0,15m P.149 24VDC DIM				

LED				
K	W	Real lm		
RGB	15,4	460		55-E005 - M3 - 00
1004x65 6 2 x 0,15m P.149 24VDC DIM				



LED NICHIA				
K	CRI	W	Real lm	
3000	80	7,8	542	55-E076 - M3 - CL
1004x40 12 2 x 0,15m P.149 24VDC DIM				

Included



Quick connectors, flush mount, plates for joining and securing two flush mounts together and lateral elastic bands for facilitating Led module extraction in case of fault are included.

Not included

3000K		RGB	
1m	71-E034 - 00 - 00	1m	71-E071 - 00 - 00
5m	71-E004 - 00 - 00	5m	71-E005 - 00 - 00

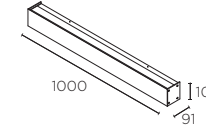
Afrodita Infinite N

Z5

14

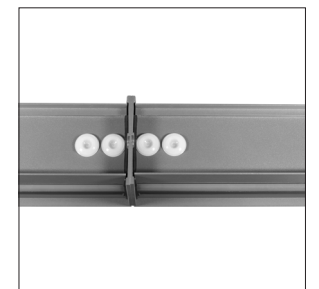
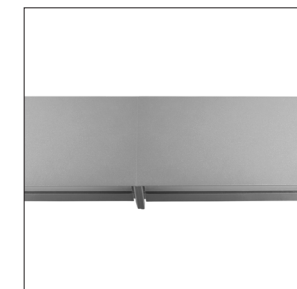


BODY MAT AL DIF MAT GLA IP65 IK04 2 50000h L80 B20 3 MacAdam 277V CONTROL P.152



LED				
K	CRI	W	Real lm	
3000	80	20,3	1388	05-E084 - Z5 - CL

100-240V 50-60Hz 0..10V
 * DALI version available to order



Max **N**

Z5



BODY MAT AL DIF MAT GLA IP65 IK10 20 50000h L80 B20 <13 UGR 1m SEA SIDE SUITABLE CONTROL P.152

MODEL	WATTAGE	KELVIN / CRI	ANGLE	SOURCE	FINISH
 AI14 - Ø75 Ø65 0-50mm	P4 4W	V9 2700K / CRI90 286lm	S1 6°	BB ON-OFF PHASE CUT DALI 0/1-10V/PUSH 71-7701 71-7709 71-6192 71-7710	Z5
		W9 3000K / CRI90 286lm			
		X9 4000K / CRI90 286lm			
 AI15 - Ø75 Ø65 0-50mm	P7 6,5W	V9 2700K / CRI90 519lm	S2 15° M2 30° F1 50°	BB ON-OFF PHASE CUT DALI 0/1-10V/PUSH 71-7701 71-7709 71-6192 71-7710	
		W9 3000K / CRI90 519lm			
		X9 4000K / CRI90 519lm			
 AI16 - Ø100 Ø85 0-30mm					P.149

Example of codification | **AI14-P4V9S1BBZ5**

Not included

	71-E141 - 00 - 00		71-E137 - 00 - 00
	71-E135 - 00 - 00		71-E112 - 00 - 00
	71-E131 - 00 - 00		71-E122 - 00 - 00
	71-E133 - 00 - 00		

Max **N**

CA



BODY MAT INOX AISI 316 + AL DIF MAT GLA IP65/67 IK10 20 50000h L80 B20 <13 UGR 1m SEA SIDE SUITABLE CONTROL P.152

MODEL	WATTAGE	KELVIN / CRI	ANGLE	SOURCE	FINISH
 AI11 -	P4 4W	V9 2700K / CRI90 286lm	S1 6°	BB ON-OFF PHASE CUT DALI 0/1-10V/PUSH 71-7701 71-7709 71-6192 71-7710	CA
		W9 3000K / CRI90 286lm			
		X9 4000K / CRI90 286lm			
 AI12 -	P7 6,5W	V9 2700K / CRI90 519lm	S2 15° M2 30° F1 50°	BB ON-OFF PHASE CUT DALI 0/1-10V/PUSH 71-7701 71-7709 71-6192 71-7710	
		W9 3000K / CRI90 519lm			
		X9 4000K / CRI90 519lm			

Example of codification | **AI11-P4V9S1BBCA**

Not included

	71-E141 - 00 - 00		71-E137 - 00 - 00		71-E112 - 00 - 00
	71-E135 - 00 - 00		71-E139 - 00 - 00		71-E122 - 00 - 00
	71-E131 - 00 - 00				
	71-E133 - 00 - 00				

Max N

■ Z5



BODY MAT AL DIF MAT GLA IP65/67 IK10 20 50000h L80 B20 <13 UGR 1m SEA SIDE SUITABLE CONTROL P.152

MODEL	WATTAGE	KELVIN / CRI	ANGLE	SOURCE	FINISH
AI13 –	P4 ^{4W}	V9 2700K / CRI90 286lm	S1 6°	BB	Z5
		W9 3000K / CRI90 286lm			
		X9 4000K / CRI90 286lm		ON-OFF PHASE CUT DALI 0/1-10V/PUSH 71-7701 71-7709 71-6192 71-7710	
	P7 ^{6.5W}	V9 2700K / CRI90 519lm	S2 15°	BB	
		W9 3000K / CRI90 519lm	M2 30°		
		X9 4000K / CRI90 519lm	F1 50°	ON-OFF PHASE CUT DALI 0/1-10V/PUSH 71-7701 71-7709 71-6192 71-7710	

Included



P.149

Example of codification | **AI13-P4V9S1BBZ5**

Not included

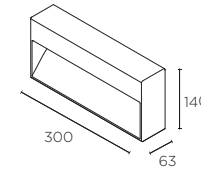
	71-E141 - 00 - 00	Elliptical Diffuser x 5		71-E137 - 00 - 00
	71-E135 - 00 - 00	Square diffuser x 5		71-E112 - 00 - 00
	71-E131 - 00 - 00	Honeycomb x 5		71-E122 - 00 - 00
	71-E133 - 00 - 00	Softening Lens x 5		

Arc N

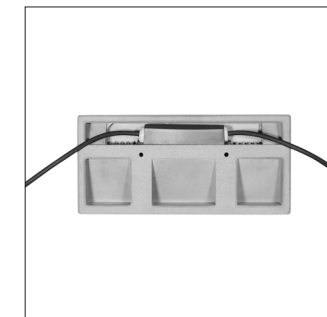
■ DC



BODY MAT CON DIF MAT GLA IP65 IK10 4 50000h L80 B20 3 MacAdam SEA SIDE SUITABLE



LED OSRAM						
K	CRI	W	Real lm	Volt	Hz	
3000	80	9	404	230	50-60	05-E090 - DC - CL
				120	60	05-E091

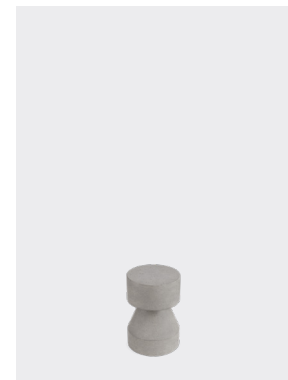


Row

DC



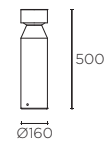
BODY MAT CON DIF MAT PC IP65 IK10 56000h L80 B20 3 MacAdam SEA SIDE SUITABLE



LED SAMSUNG

K	CRI	W	Real lm	
3000	80	17,4	1071	10-E055 - DC - CL

100-240V 50-60Hz

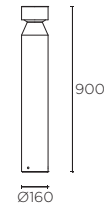


LED SAMSUNG

K	CRI	W	Real lm	
3000	80	17,4	1071	55-E055 - DC - CL

100-240V 50-60Hz

* DALI version available to order



LED SAMSUNG

K	CRI	W	Real lm	
3000	80	17,4	1071	55-E056 - DC - CL

100-240V 50-60Hz

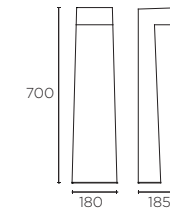
* DALI version available to order

Simenti

DC



BODY MAT CON DIF MAT GLA IP65 IK10 50000h L80 B20 3 MacAdam SEA SIDE SUITABLE



LED LUMILEDS

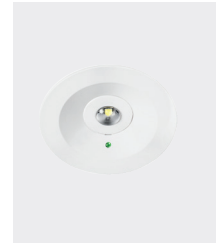
K	CRI	W	Real lm	
3000	80	9	597	55-9971 - DC - CL

100-240V 50-60Hz



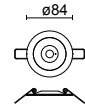
Redo Recessed Emergency

BODY MAT PC DIF MAT PC IP20 20 50000h L80 B20



K	CRI	W	Real lm.	Beam	h	Permanent	Auto Test	Battery	Code
4000	80	2.7	275	96°	1h	Yes / No*	No	NiCd	EM04-0200PN1400
			232	Corridor					
		3.7	275	96°	3h	Yes / No*	No	NiCd	EM04-0203PN1400
			232	Corridor					
2.7	275	232	96°	1h	Yes / No*	Yes	NiCd	EM04-0200PA1400	
			Corridor						
3.7	275	232	96°	3h	Yes / No*	Yes	NiCd	EM04-0203PA1400	
			Corridor						

220-240VAC/50-60Hz



Ø Recess (mm)
ø70

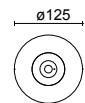
Redo Surface Emergency

BODY MAT PC DIF MAT PC IP20 20 50000h L80 B20



K	CRI	W	Real lm.	Beam	h	Permanent	Auto Test	Battery	Code
4000	80	4	275	96°	3h	Yes / No*	No	LITI	EM05-0203PN1400
			232	Corridor					
		4	275	96°	3h	Yes / No*	Yes	LITI	EM05-0203PA1400
			232	Corridor					

220-240VAC/50-60Hz

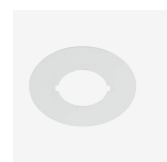


40.5

Included



Not included



	Multi-box	Code
REDO Diameter adapter accessory	100	EM04-0001

*Selectable by selector position.

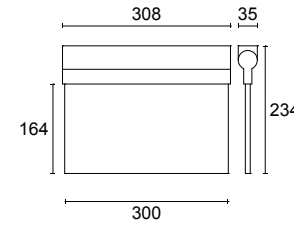
Flag Emergency

BODY MAT PC DIF MAT PMMA IP20 50000h L80 B20

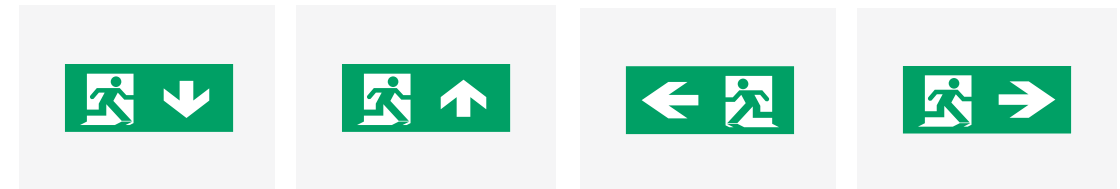


K	CRI	W	Distance	h	Permanent	Auto Test	Code
4000	80	3	30 m	3	Yes / No*	Yes	EM03-0103PA1400

220-240VAC/50-60Hz



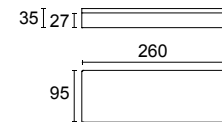
Included



*Selectable by selector position.

Deco IP44 Emergency

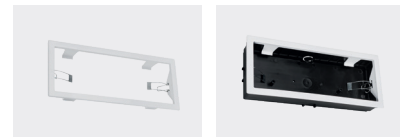
BODY MAT PC DIF MAT PC IP44 50000h L70 B30



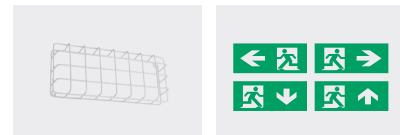
K	CRI	W	Real lm.	h	Perma- nent	Auto Test	Battery	Code
4000	80	2	66	1h	No	No	NiCd	EM01-0060NN1400
4000	80	2	103	1h	No	No	NiCd	EM01-0100NN1400
4000	80	2	151	1h	No	No	NiCd	EM01-0150NN1400
4000	80	2	203	1h	No	No	NiCd	EM01-0200NN1400
4000	80	2	305	1h	No	No	NiCd	EM01-0300NN1400
4000	80	2	501	1h	No	No	NiCd	EM01-0500NN1400
4000	80	3.4	103	1h	Yes	No	NiCd	EM01-0100PN1400
4000	80	4.3	203	1h	Yes	No	NiCd	EM01-0200PN1400
4000	80	5	305*	1h	Yes	No	NiCd	EM01-0300PN1400
4000	80	5.7	501*	1h	Yes	No	NiCd	EM01-0500PN1400
4000	80	2	103	1h	No	Yes	NiCd	EM01-0100NA1400
4000	80	2	203	1h	No	Yes	NiCd	EM01-0200NA1400
4000	80	2	305	1h	No	Yes	NiCd	EM01-0300NA1400
4000	80	3.7	103	1h	Yes	Yes	NiCd	EM01-0100PA1400
4000	80	4	203	1h	Yes	Yes	NiCd	EM01-0200PA1400
4000	80	5.1	305	1h	Yes	Yes	NiCd	EM01-0300PA1400
4000	80	2	103	3h	No	No	NiCd	EM01-0103NN1400
4000	80	2	203	3h	No	No	NiCd	EM01-0203NN1400
4000	80	2	305	3h	No	No	NiMH	EM01-0303NN1400
4000	80	3.4	103	3h	Yes	No	NiCd	EM01-0103PN1400
4000	80	4.3	203	3h	Yes	No	NiCd	EM01-0203PN1400
4000	80	5	305	3h	Yes	No	NiMH	EM01-0303PN1400
4000	80	2	305	3h	No	Yes	NiMH	EM01-0303NA1400
4000	80	5.7	305	3h	Yes	Yes	NiMH	EM01-0303PA1400

220-240VAC/50-60Hz

Not included



Recess accessory Wall recess accessory

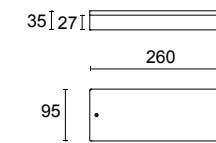


Anti-vandalism accessory Pictogram accessory

NAME	CODE
DECO Recess accessory	EM01-0001
DECO Wall recess accessory	EM01-0002
DECO Anti-vandalism accessory	EM01-0003
DECO Right pictogram accessory	EM01-0005
DECO Left pictogram accessory	EM01-0006
DECO Up pictogram accessory	EM01-0007
DECO Down pictogram accessory	EM01-0008

Deco IP65 Emergency

BODY MAT PC DIF MAT PC IP65 50000h L70 B30



K	CRI	W	Real lm.	h	Perma- nent	Auto Test	Battery	Code
4000	80	2	66	1 h	No	No	NiCd	EM02-0060NN1400
4000	80	2	103	1 h	No	No	NiCd	EM02-0100NN1400
4000	80	2	151	1 h	No	No	NiCd	EM02-0150NN1400
4000	80	2	203	1 h	No	No	NiCd	EM02-0200NN1400
4000	80	2	305	1 h	No	No	NiCd	EM02-0300NN1400
4000	80	2	501	1 h	No	No	NiCd	EM02-0500NN1400
4000	80	3.4	103	1 h	Yes	No	NiCd	EM02-0100PN1400
4000	80	4.3	203	1 h	Yes	No	NiCd	EM02-0200PN1400
4000	80	5	305*	1 h	Yes	No	NiCd	EM02-0300PN1400
4000	80	5.7	501*	1 h	Yes	No	NiCd	EM02-0500PN1400
4000	80	2	103	1 h	No	Yes	NiCd	EM02-0100NA1400
4000	80	2	203	1 h	No	Yes	NiCd	EM02-0200NA1400
4000	80	2	305	1 h	No	Yes	NiCd	EM02-0300NA1400
4000	80	3.7	103	1 h	Yes	Yes	NiCd	EM02-0100PA1400
4000	80	4	203	1 h	Yes	Yes	NiCd	EM02-0200PA1400
4000	80	5.1	305	1 h	Yes	Yes	NiCd	EM02-0300PA1400
4000	80	2	103	3 h	No	No	NiCd	EM02-0103NN1400
4000	80	2	203	3 h	No	No	NiCd	EM02-0203NN1400
4000	80	2	305	3 h	No	No	NiMH	EM02-0303NN1400
4000	80	3.4	103	3 h	Yes	No	NiCd	EM02-0103PN1400
4000	80	4.3	203	3 h	Yes	No	NiCd	EM02-0203PN1400
4000	80	5	305	3 h	Yes	No	NiMH	EM02-0303PN1400
4000	80	2	305	3 h	No	Yes	NiMH	EM02-0303NA1400
4000	80	5.7	305	3 h	Yes	Yes	NiMH	EM02-0303PA1400

220-240VAC/50-60Hz

Not included



Signalling accessory

NAME	CODE
DECO Recess accessory	EM01-0001
DECO Wall recess accessory	EM01-0002
DECO Anti-vandalism accessory	EM01-0003
DECO Signalling accessory	EM02-0004
DECO Right pictogram accessory	EM01-0005
DECO Left pictogram accessory	EM01-0006
DECO Up pictogram accessory	EM01-0007
DECO Down pictogram accessory	EM01-0008

*Lumens in non-permanent function. In permanent function 200 lm.

Electrical Units, Lamps and Accessories

Drivers



L x W x H mm	IP CLASS	V in	Frequency	V out	Exit current		mA	W min	W max	Power factor	Phase cut - Dimming	Push	0-10v	1-10v	DALI		
					min	max											
124 x 79 x 22	20	110-240	50-60 Hz	0-74	350	1050	-	0	50.00	0.95	-	-	-	-	-	-	71-3542-00-00
110 x 52 x 22	20	110-240	50-60 Hz	2-43	250	700	-	0.70	20.00	0.92	-	-	-	-	x	-	71-6192-00-00
123 x 45 x 19	20	100-240	50-60 Hz	23-46	-	-	350	8.00	16.10	0.82	-	-	-	-	-	-	71-6652-00-00
124 x 79 x 22	20	110-240	50-60 Hz	2-74	350	1050	-	1.00	50.00	0.90	-	x	x	x	-	-	71-4708-00-00
124 x 79 x 22	20	110-240	50-60 Hz	2-74	350	1050	-	0.70	60.00	0.95	-	x	x	x	x	-	71-4706-00-00
115 x 45 x 29	20	100-240	50-60 Hz	21-42	-	-	500	10.50	21.00	0.82	-	-	-	-	-	-	71-6659-00-00
123 x 45 x 19	20	100-240	50-60 Hz	5-13	-	-	700	3.50	9.10	0.78	-	-	-	-	-	-	71-6651-00-00
115 x 29 x 45	20	100-240	50-60 Hz	10-29	-	-	700	7.00	20.30	0.81	-	-	-	-	-	-	71-6658-00-00
85 x 40 x 22	20	220-240	50-60 Hz	13-21	-	-	700	9.10	14.70	0.90	x	-	-	-	-	-	71-6430-00-00
105 x 68 x 32	20	100-240	50-60 Hz	21-43	-	-	700	14.70	30.10	0.84	-	-	-	-	-	-	71-6654-00-00
105 x 68 x 32	20	100-240	50-60 Hz	21-43	-	-	700	14.70	30.10	0.84	-	-	-	-	-	-	71-6653-00-00
103 x 67 x 21	20	110-240	50-60 Hz	2-53	250	900	-	1.00	32.00	0.90	-	x	x	x	-	-	71-3475-00-00
153 x 54 x 36	20	220-240	50-60 Hz	27-50	-	-	700	18.90	35.00	0.90	x	-	-	-	-	-	71-4928-00-00
129 x 75 x 32	20	100-240	50-60 Hz	29-58	-	-	700	20,3	40.00	0.90	-	-	-	-	-	-	71-4887-00-00
153 x 67 x 30	20	220-240	50-60 Hz	38-57	-	-	700	28.00	39.90	0.90	x	-	-	-	-	-	71-6431-00-00
129 x 75 x 32	20	100-240	50-60 Hz	25-50	-	-	800	20.00	48.00	0.90	-	-	-	-	-	-	71-4896-00-00
129 x 75 x 32	20	100-240	50-60 Hz	22-44	-	-	900	19,8	40	0,9	-	-	-	-	-	-	71-4889-00-00
105 x 68 x 32	20	100-240	50-60 Hz	21-42	-	-	1050	22.05	44.10	0.87	-	-	-	-	-	-	71-6661-00-00
129 x 75 x 32	20	100-240	50-60 Hz	25-50	-	-	1200	30.00	60.00	0.90	-	-	-	-	-	-	71-4891-00-00
80 x 37 x 21	20	220-240	50-60 Hz	9-29	-	-	350	3.00	11.00	0.90	x	-	-	-	-	-	71-7709-00-00
110 x 52 x 22	20	100-240	50-60 Hz	2-43	350	900	-	2.00	20.00	0.95	-	x	x	x	-	-	71-7710-00-00
68 x 33 x 22	20	100-277	50-60 Hz	8-13	-	-	350	2.80	4.00	0.40	-	-	-	-	-	-	71-7364-00-00
95 x 53 x 25	20	220-240	50-60 Hz	18-38	-	-	350	6.30	13.00	0.95	x	-	-	-	-	-	71-5272-00-00
115 x 45 x 29	20	100-240	50-60 Hz	21-42	-	-	500	10.50	21.00	0.82	-	-	-	-	-	-	71-7551-00-00
95 x 53 x 30	20	220-240	50-60 Hz	18-36	-	-	500	9.00	18.00	0.95	x	-	-	-	-	-	71-7711-00-00
68 x 33 x 22	20	100-277	50-60 Hz	2,8-7	-	-	700	2.00	4.90	0.00	-	-	-	-	-	-	71-7712-00-00
166 x 47 x 35	20	220-240	50-60 Hz	2-47	350	900	-	1.00	32.00	0.97	x	x	-	-	-	-	71-4898-00-00
50 x 40 x 22	20	100.00	50-60 Hz	2-8,5	-	-	700	1,4	6.00	0.60	-	-	-	-	-	-	71-7713-00-00
102 x 38 x 21	20	220-240	50-60 Hz	6-14	-	-	700	4,2	10.00	0.96	x	-	-	-	-	-	71-7663-00-00
95 x 53 x 30	20	220-240	50-60 Hz	18-36	-	-	700	12.60	25.20	0.90	x	-	-	-	-	-	71-7714-00-00
153 x 67 x 30	20	220-240	50-60 Hz	28-40	-	-	900	28.00	40.00	0.90	x	-	-	-	-	-	71-7715-00-00
153 x 67 x 30	20	220-240	50-60 Hz	28-40	-	-	1000	28.00	40.00	0.00	x	-	-	-	-	-	71-7716-00-00
129 x 75 x 32	20	100-240	50-60 Hz	25-50	-	-	1200	25.00	70.00	0.90	-	-	-	x	-	-	71-7717-00-00
129 x 75 x 32	20	100-277	50-60 Hz	20-42	-	-	1200	24.00	50.00	0.90	-	-	-	-	x	-	71-7718-00-00
68x33x22	20	100-277	50-60Hz	2,8-7	-	-	500	1,4	3,5	0,5	-	-	-	-	-	-	71-8048-00-00 ^N
68x33x22	20	100-277	50-60Hz	2-7	-	-	350	0,7	2,45	0,4	-	-	-	-	-	-	71-8077-00-00 ^N
103 x 34 x 19	20	100-240	50-60 Hz	0-43	-	-	350	0.00	15.00	0.54	-	-	-	-	-	-	71-7701-00-00

IP67 Driver & Connector



Included



W	mA	
10	700	71-E014 - 24 - 24
20	700	71-E015 - 24 - 24
20	500	71-E068 - 24 - 24



Ⓜ
m Push 1-10v DALI

1,5	X	X	X	71-3476-00-00
4	X	X	X	71-4707-00-00

Cable for synchronising slave regulators.

Power supply

L x W x H mm	IP	CLASS	V in	Frequency	Exit current	V out	Exit current	W min	W max	Power factor	
167 x 38 x 29	20	□	100 - 240	47 - 63Hz	X	12	DC	-	20	>0.9	71-5489-00-00
270 x 40 x 23	67	□	120 - 277	47 - 63Hz	X	12	DC	10	100	>0.9	71-3479-00-00
300 x 44 x 23	20	□	120 - 277	47 - 63Hz	X	24	DC	10	96	>0.9	71-5487-00-00
220 x 40 x 21	20	□	100 - 277	50 - 60Hz	X	24	DC	3,5	35	>0.95	71-6339-00-00
250 x 40 x 21	20	□	100 - 277	50 - 60Hz	X	24	DC	4,8	60	>0.95	71-6340-00-00
202 x 71,2 x 45	67	⊕	100 - 240	50 - 60Hz	X	24	DC	0	100	>0.97	71-6341-00-00
225 x 60 x 36	20	□	220 - 240	50 - 60Hz	X	24	DC	0	70	>0.97	71-6342-00-00
240 x 60 x 49	20	□	220 - 240	50 - 60Hz	X	24	DC	0	150	>0.98	71-6343-00-00
244 x 71,2 x 45	67	⊕	100 - 240	50 - 60Hz	X	24	DC	0	150	>0.95	71-6344-00-00
244 x 71 x 37,5	67	⊕	100 - 305	50 - 60Hz	X	24	DC	0	240	>0.97	71-6345-00-00
252 x 90 x 43,8	67	⊕	100 - 305	50 - 60Hz	X	24	DC	0	320	>0.98	71-6346-00-00
148x40x32	67	□	90-305	50-60Hz	X	24V	DC	5	25	>0,92	71-E158-00-00
162,5x40x32	67	□	90-305	50-60Hz	X	24V	DC	10	60	>0,92	71-E159-00-00



Transformer

L x W x H mm	IP	V in	Frequency	V out	Exit current	W min	W max	Power factor	Phase cut - Dimming	Push 1-10v	DALI		
107 x 32 x 22	20	220 - 240	50 - 60Hz	12	AC	ELECTRONIC	20	60	>0.9	X	-	-	ACT-TRA-001
128 x 37 x 28	20	220 - 240	50 - 60Hz	12	AC	ELECTRONIC	20	70	>0.9	X	-	-	ACT-TRA-002
107 x 35 x 21	20	220 - 240	50 - 60Hz	12	AC	ELECTRONIC	20	105	>0.9	X	-	-	71-2477-00-00
160 x Ø120	68 /1mt	220 - 240	50HZ	12	AC	MAGNETIC	-	100	-	-	-	-	71-9197-05-05



Device controllers

L x W x H mm	V in	DC V out	W max x canal	W max total	Protocol	⚡	
153 x 65 x 20	12 Vdc 24 Vdc	12 24	24 48	96 192	DMX	4	71-3493-00-00
153 x 65 x 20	12 Vdc 24 Vdc	12 24	30 60	60 120	1-10V	2	71-0727-00-00
172 x 42 x 19	12 Vdc 24 Vdc	12 24	- -	60 120	DALI	-	71-3473-00-00
219 x 63 x 36	100-305 VAC	24	-	150	DALI	-	71-7708-00-00

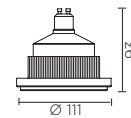


Amplifier RGB-White

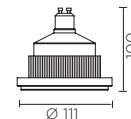
L x W x H mm	VDC in	W max x canal	W max total	⚡	
153 x 65 x 20	12 24	48 96	192 384	4	71-1553-00-00

Bulb AR Led

24 >30000



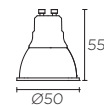
LED SHARP											
	K	CRI	W	Real lm	V	Hz	▲	(cd)	Tc	▲	
GU10	3000	85	10	532	220-240	50-60	MAINS L	4200	61°	24°	ACT-FLL - 015
				483	220-240	50-60	MAINS L	2000	61°	35°	ACT-FLL - 017



LED SHARP											
	K	CRI	W	Real lm	V	Hz	▲	(cd)	Tc	▲	
GU10	3000	85	15	802	220-240	50-60	MAINS L	6000	72°	24°	ACT-FLL - 032
				892	220-240	50-60	MAINS L	3000	72°	35°	ACT-FLL - 033

Bulb QPAR16 Led

20 >30000



LED											
	K	CRI	W	Real lm	V	Hz	▲	Tc	▲		
GU10	3000	80	5	340	110-240	50-60	-	83°	25°		ACT-FLL - 024
									45°		ACT-FLL - 025
GU10	3000	80	7	552	110-240	50-60	-	83°	25°		ACT-FLL - 026
									36°		ACT-FLL - 027
GU10	3000	80	7	552	220-240	50-60	MAINS L	83°	25°		ACT-FLL - 028
									45°		ACT-FLL - 029

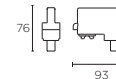
Accessories



Track connector

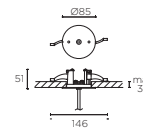
71-2232 - 14 - 14
60 - 60

200



Ceiling rose for embedding.

60



Connection Box

IP Class



Water proof connection box. Ø11mm max.

68 40 **71-9199 - 05 - 05**



Water proof connection box. Ø8,5mm max.

67 48 **71-9262 - 05 - 05**



Water proof connection box. Ø7mm - Ø12mm

68 1 **71-E112 - 00 - 00**



Water proof connection box. Ø7mm - Ø12mm

68 1 **71-E122 - 00 - 00**

Smart Light for Offices

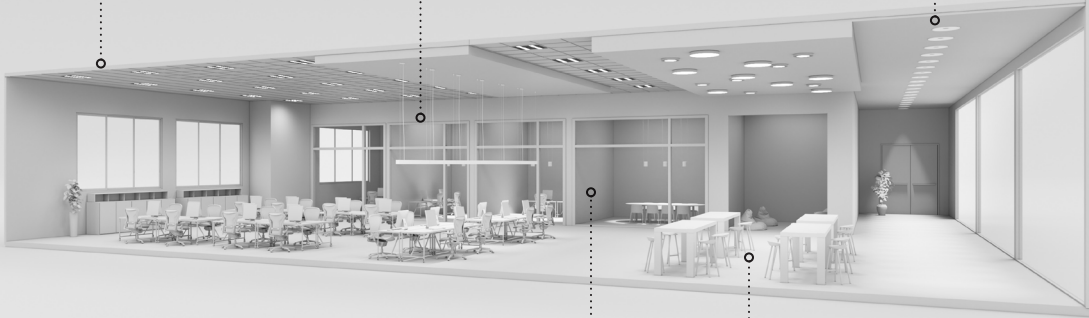
Control solutions let lighting to be adapted to the needs of people, spaces and organisations. For instance, lighting can be adjusted depending on the time of day, the job being done or how the space is being used.

Proper, connected lighting not only has a positive effect on people's well-being, but also a major influence on space management. The potential to collect useful data showing energy consumption, how different areas are occupied and what use they are being put to, means you can detect more strategic and efficient opportunities and make more efficient decisions.

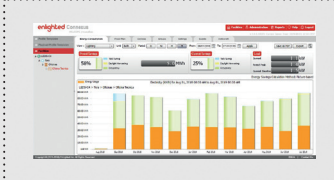
The regulation of artificial light based on the entry of natural light enables significant energy savings, as well as uniform lighting to avoid irritating contrasts.

The simulation of natural light, called **Human Centric Lighting**, using luminaires with dynamic white technology, helps people to maintain a constant activity during the day, and to rest better at night.

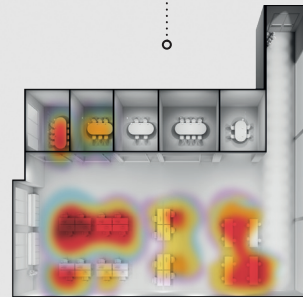
Preventive maintenance guarantees proper operation of the installation and minimises the impact of possible malfunctions.



- 3500K
Brightness: 80%
Lifetime: 20%
- 3500K
Brightness: 80%
Lifetime: 35%
- 3500K
Brightness: 80%
Lifetime: 35%
- 3500K
Brightness: 0%
Lifetime: 20%



Energy monitoring makes it possible to find out the current consumption at any time and the savings resulting from hourly programs, task-based regulation or continuous light control.



Space monitoring and data processing allow decisions to be made and optimum use of the entire available area.

- Lighting scene:**
→ Morning Meeting Boosting HCL
- Occupancy**
71%

Solutions

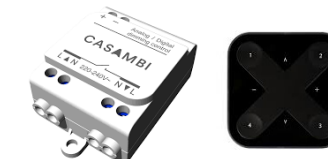
Solutions	Lite	Connected	Connected Pro
→ Lighting control	•	•	•
→ Multiple Scenes	•	•	•
→ Occupancy Regulation	•	•	•
→ Dynamic White Regulation	•	•	•
→ Human Centric Lighting Regulation	•	•	•
→ RGB or RGBW Regulation	•	•	•
→ Constant Light Control	•	•	•
→ Connectivity		•	•
→ Remote Management		•	•
→ Energy Monitoring		•	•
→ Alarm Faults		•	•
→ Space Management		•	•
→ Heat Mapping		•	•
→ Preventative Maintenance			Coming soon
→ SmartLightForOffices APP			Coming soon
→ Usage Management			Coming soon

Technology

Light for Life



Casambi Solution



DALI2 Solution



D4i Solution



Air Conditioning Solution



Standalone Solutions



Light for Life

Lighting control solution based on wireless Bluetooth technology/wi-fi, depending on the type of product. It can be directly controlled from your smartphone using the app Light for Life — a fast and easy-to-use application. This system is compatible with all major voice assistants

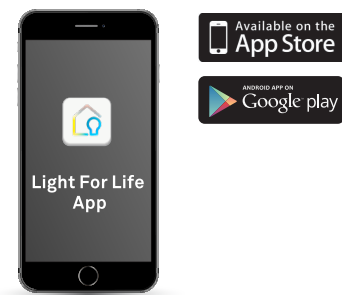
There are three options to transform a light fitting into a connective one and control it via the App Light For Life:

- a) Standard dimmable light fixtures using DALI or 0-10V: add 0-10V - DALI dimming element.
- b) Lighting compatible with standard E27 or GU10 sockets: add a connective bulb with a compatible socket.
- c) Luminaires where it is possible to install the 0-10V - DALI dimmer device inside the light fixture, for example: Infinite or Luno.

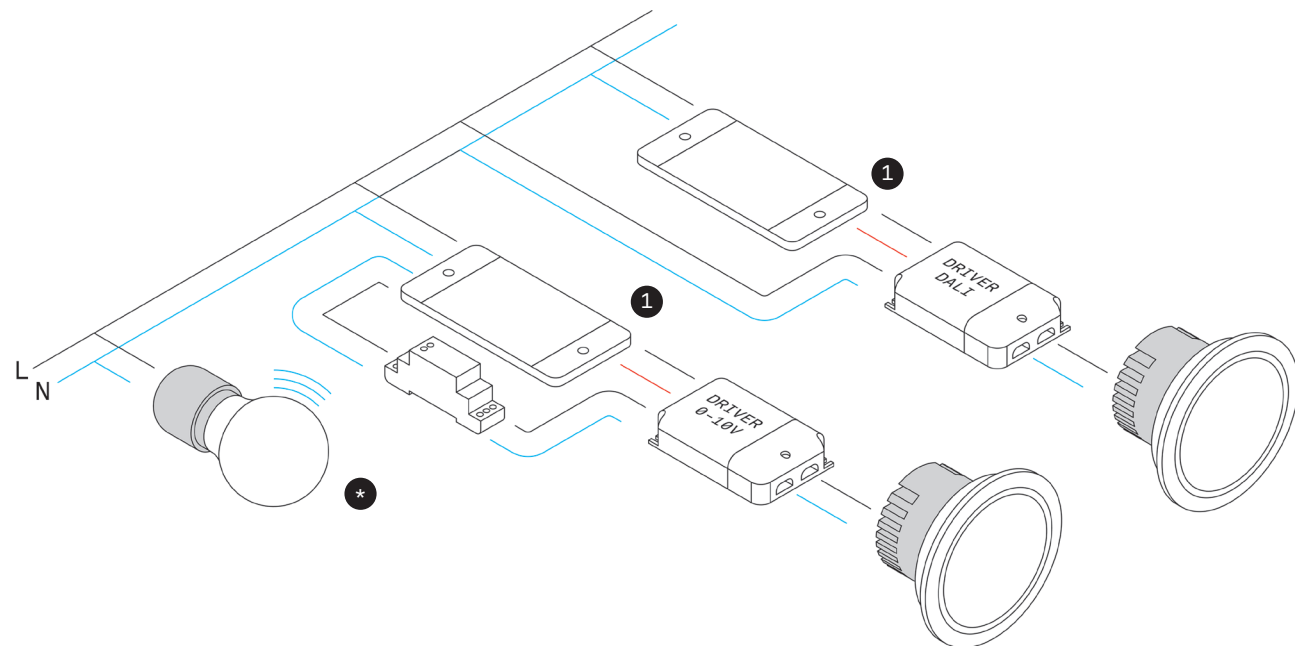
Represented with:



Mobile app for programming



Solution's architecture



1 Controller 0/1-10V or DALI



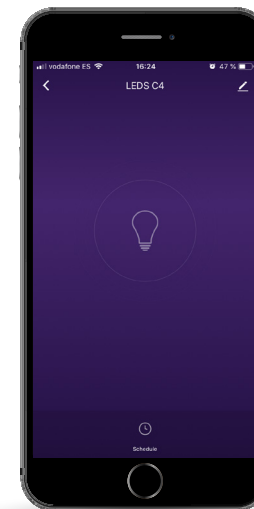
71-8218

Device that allows you to incorporate any light with a 0/1-10V or DALI driver into Light for Life system.

Functions

Personalised control

Individually control the lights directly from a smartphone.



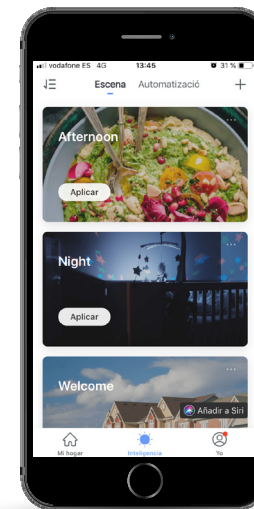
Colour/temperature control

Control the colour temperature and lights' RGB.



Scenes

Create scenes that set the mood at any given time.



Hourly programmes

Timer for automatic activation.

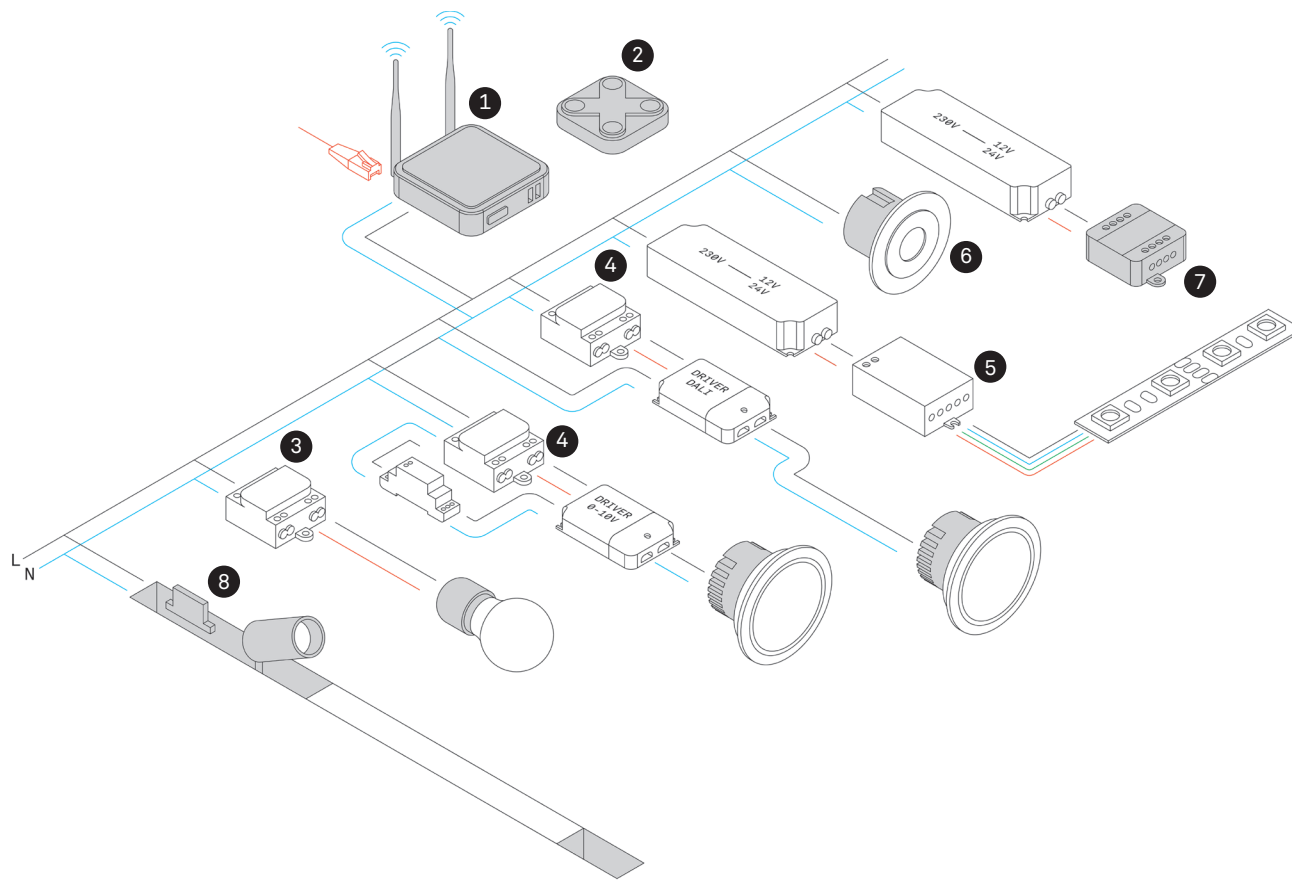


Casambi Solution

Lighting control solution based on Bluetooth Mesh protocol with direct control from a Smartphone or Tablet, with no additional components required.

Scalable solution from one line to several lines with point-to-point or centralised control.

Solution's architecture



1 Gateway Bluetooth



71-8055

A converter that enables remote access to a Casambi installation. An HDMI connectible screen and a fixed Internet connection are required for remote access at any given time.

2 Bluetooth keypad



71-8053

It enables four functions such as individual luminaires, clusters, scenes or sequences to be switched on and off. With the + / - icon, you can adjust the brightness of each of the lights.

Use the icons < and > to change the colour temperature in luminaires with TW technology.

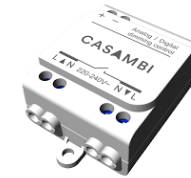
3 Bluetooth trailing edge dimmer



71-5959

Element to integrate a luminaire with trailing Edge regulation to the Bluetooth control system.

4 DALI Bluetooth 0-10V dimmer



71-5961

Element to connect a luminaire with 0-10 or DALI equipment to the Bluetooth control system. Compatible with DALI DT8 TW type technology luminaires. Maximum of three luminaires per device.

5 4 ch. PWM Bluetooth dimmer



71-8050

Element to be fitted in a luminaire compatible with 12 or 24V PWM constant-voltage regulation, mainly RGB or TW (e.g. LED strips, Tron).

6 Bluetooth presence and brightness sensor



71-8049

A device that activates luminaires individually, in clusters or scenes, by detecting their presence and/or regulating their brightness value based on natural light input and or the circadian cycle.

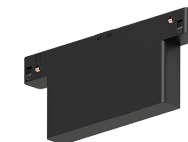
7 Timer Bluetooth



71-8052

An element that includes an internal clock to keep time when there is no power. When the power is switched on again, it sends the time to all installation elements.

8 Track Low Voltage compatible DALI controller



71-8115

It enables DALI regulation in the low-voltage rail solution. The lights must be dimmed using DALI protocol.

Casambi Solution

There are two ways of transforming a conventional luminaire into a connective luminaire, controlled via bluetooth:

a) Standard adjustable luminaires (DALI, 0-10 and trailing-edge phase cut): add ELT eBlue 0-10/DALI component or ELT eBlue trailing edge component.

b) Lighting fixtures that afford the installation of the ELT eBlue 0-10/DALI or ELT eBlue trailing edge device inside of the lamp itself. The catalogue features several product lines that can house these devices within the body of the lighting fixture, such as: Infinite, Exit, Pek, Bravo, Sugar and Caprice.

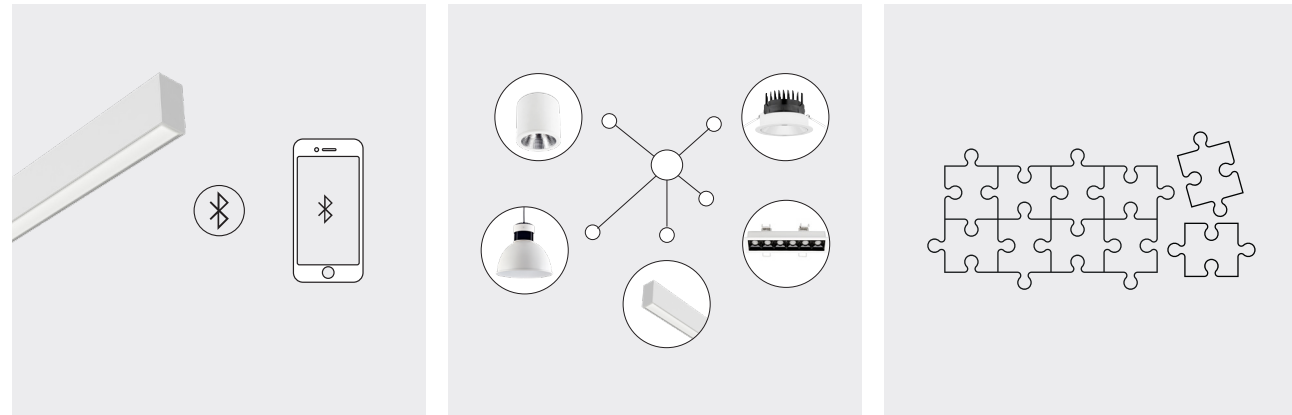
Those products are identified by:



Mobile app for programming



Functions



Bluetooth Low energy

A solution based on the Bluetooth technology used in smart phones and tablets. This allows for direct communication between luminaire/controller and mobile device, without the need to add any other physical elements.

Wireless Mesh Network

A scalable system that makes it possible to create a made-to-measure information network (nodes) which devices can be added to. The system intelligence is replicated in each node, meaning that if one node is removed, the rest of the system can still function.

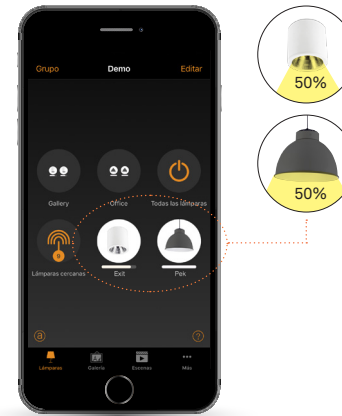
With this mesh system and Bluetooth technology, an internet connection is not required for local control.

Casambi Ecosystem

The Casambi ecosystem ensures interoperability between different products like sensors and switches.

Individual control

On/off and point-to-point control.



Group

On/off and control of several luminaires at the same time.



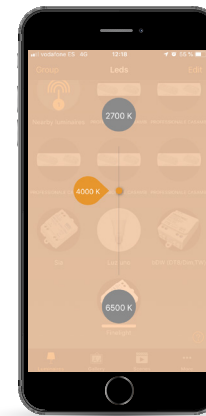
Lighting scenes

On/off and control of several luminaires, each with an individual adjustment value.



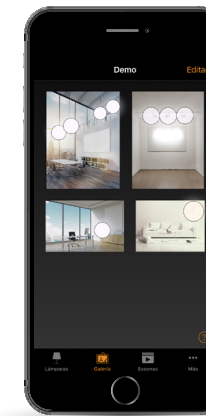
Colour temperature control

Variation of colour temperature and brightness with TW technology.



Gallery

Luminaires superimposed on an image to act directly on it.



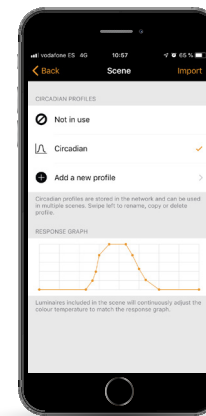
Calendar

Automatic activations of lighting scenes, based on a particular time.



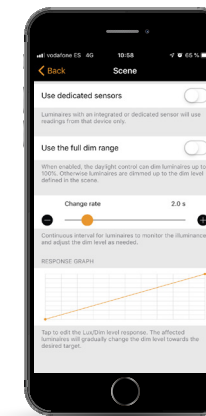
Circadian cycle

Dimming of one or more luminaires based on the pre-defined or customised circadian cycle.



Constant light control feature

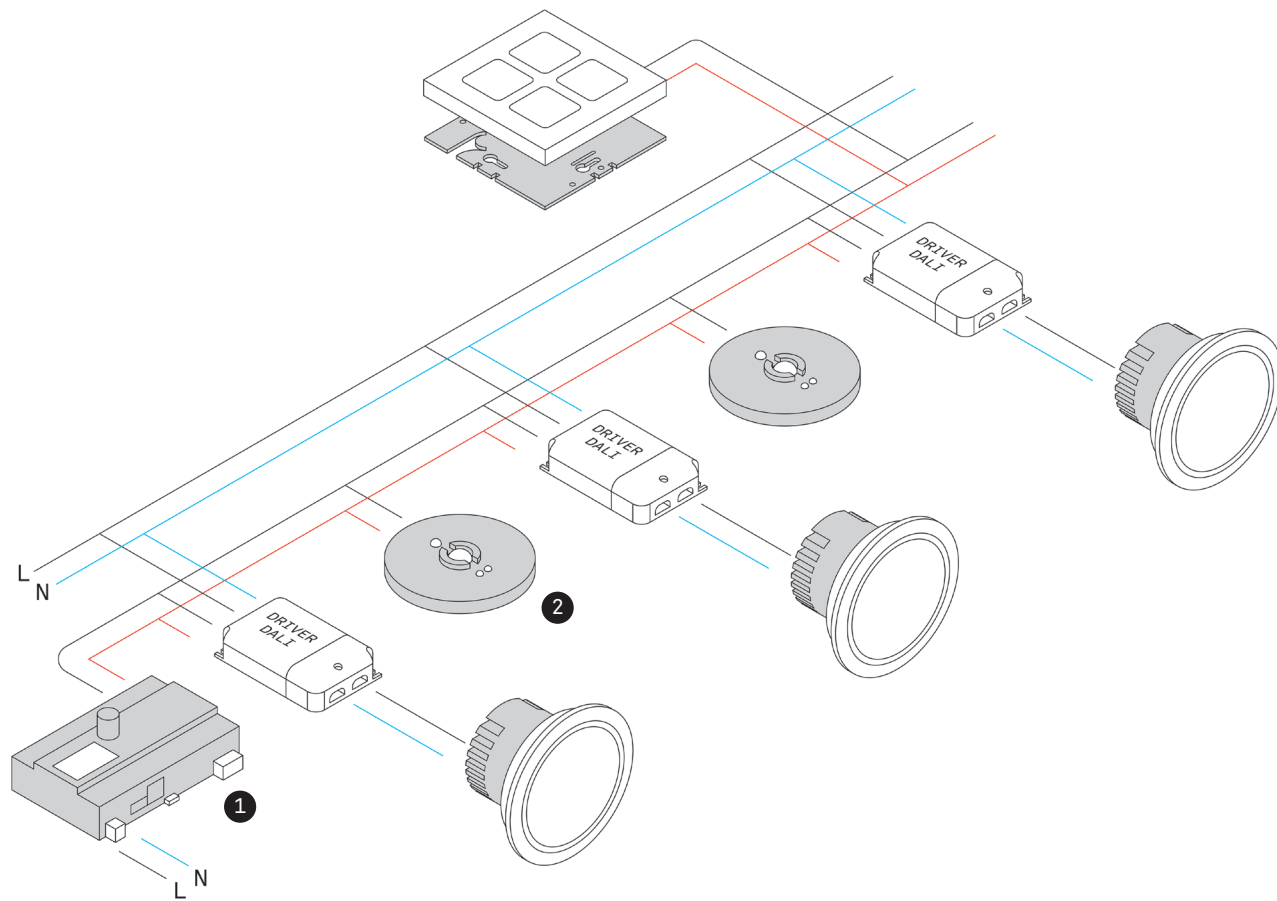
Automatic luminosity control for one or more luminaires based on the amount of natural light present.



DALI2 Solution

Lighting control solution based on the DALI2 standard (includes compatibility with DT8 drivers).

Solution's architecture



1 DALI2 Master Controller



71-8065

Device for controlling DALI luminaires and integrating DALI2 keypads, light and/or presence sensors. It can be integrated into a Building Management System (BMS) solution using standard protocols such as BACnet/IP^, Modbus TCP and OPC.

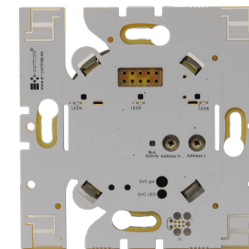
2 Multi-sensor for DALI2 system



71-8066

Presence and brightness sensor (brightness range from 0 to 1,000 lx) to be integrated in a DALI2 system. Programming is done on the DALI2 Master controller.

2 DALI2 coupler



71-8068

The DALI2 Master coupler set with the front keypad makes it possible to program 4 to 9 personalised functions, such as switching on a luminaire, a set of lights, a scene, etc.

DALI2 front 4-function keypad



71-8070

Front DALI button compatible with DALI Master bus coupler that allows you to program 4 functions and customise your icons.

DALI2 front 9-function keypad



71-8071

Front DALI button compatible with DALI Master bus coupler that allows you to program 9 functions and customise your icons.

DALI2 Solution

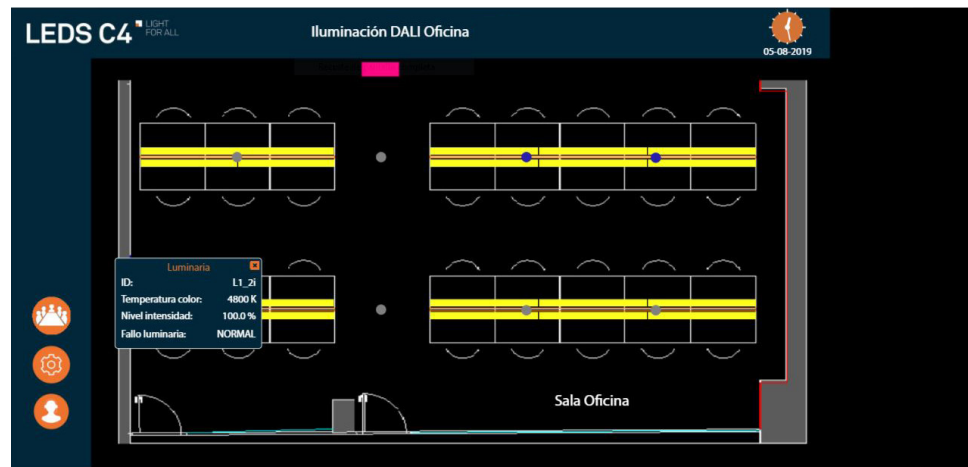
Functions

In an installation, major energy savings can be achieved through features such as point-to-point lighting management, clusters, scenes, constant light control, circadian cycle, control by occupation and time schedules, among others.

It enables you to calculate the hours of operation and consumption of each luminaire, thus enabling proactive preventive maintenance. Fault alarms can be sent to an email.

Since the programming is personalised, the possibilities are unlimited.

Programming is done via on-site programming software or web server. Within this programming it is also possible to view the installation and luminaires on a map in an up-to-date and real-time manner.



Real-time monitoring of the light fixtures and sensor status. Option to activate/deactivate lights locally and remotely.



Personalised daily time schedules with different lighting scenes, light levels and time slots.



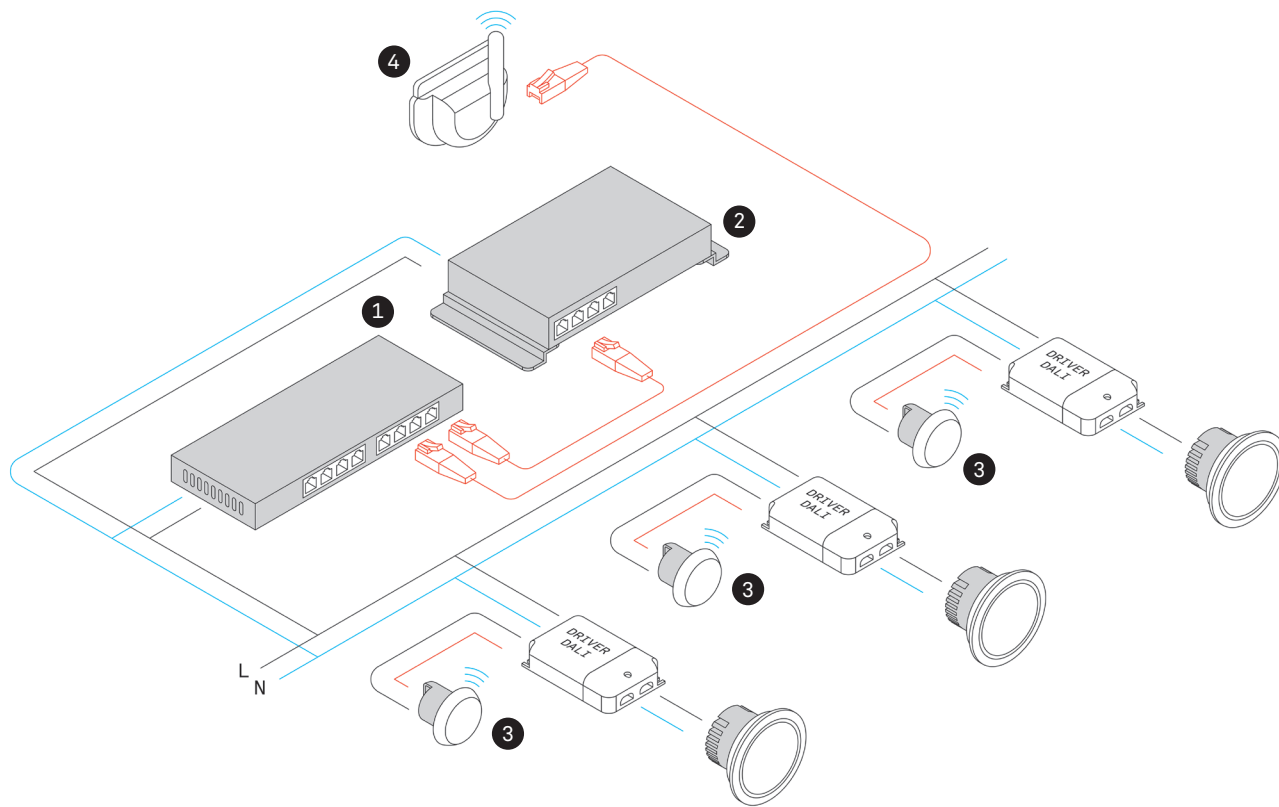
D4i Solution

Solution for lighting control and connectivity in a space.

Based on the standard D4i, means any driver with this technology is compatible with the platform.

In addition to providing control functionalities, it allows the system to be monitored through the platform and, thus, gather data on occupation and space use.

Solution's architecture



1 PoE Power Supply



71-8064

It feeds the required power to the D4i Platform Controller-Manager and Gateway Sensor via Power over Ethernet (PoE).

2 D4i Platform Controller-Manager



71-8063

A device that centralises data from all D4i sensors and control functions on a management platform. This platform handles lighting and stores energy consumption, temperature and occupancy data for later analysis.

3 Connective multi-sensor



71-8056

Presence, luminosity, temperature and occupancy sensor compatible with D4i technology drivers. Required accessory for ceiling (71-8058-00-00) or surface (71-8059-00-00) installation.

3 PRO Multisensor



71-8057 (Coming soon)

Besides connective multisensor functionalities, digital services can be accessed:

IoT Space: extended information on occupancy, space utilisation and movement flows.

IoT Where: Beacons & tracking of people and/or objects via Bluetooth.

4 Sensor Gateway



71-8061

A converter that lets you change information between the sensors' wireless communication protocol and the D4i Controller-Manager Platform.

5 Botonera conectiva



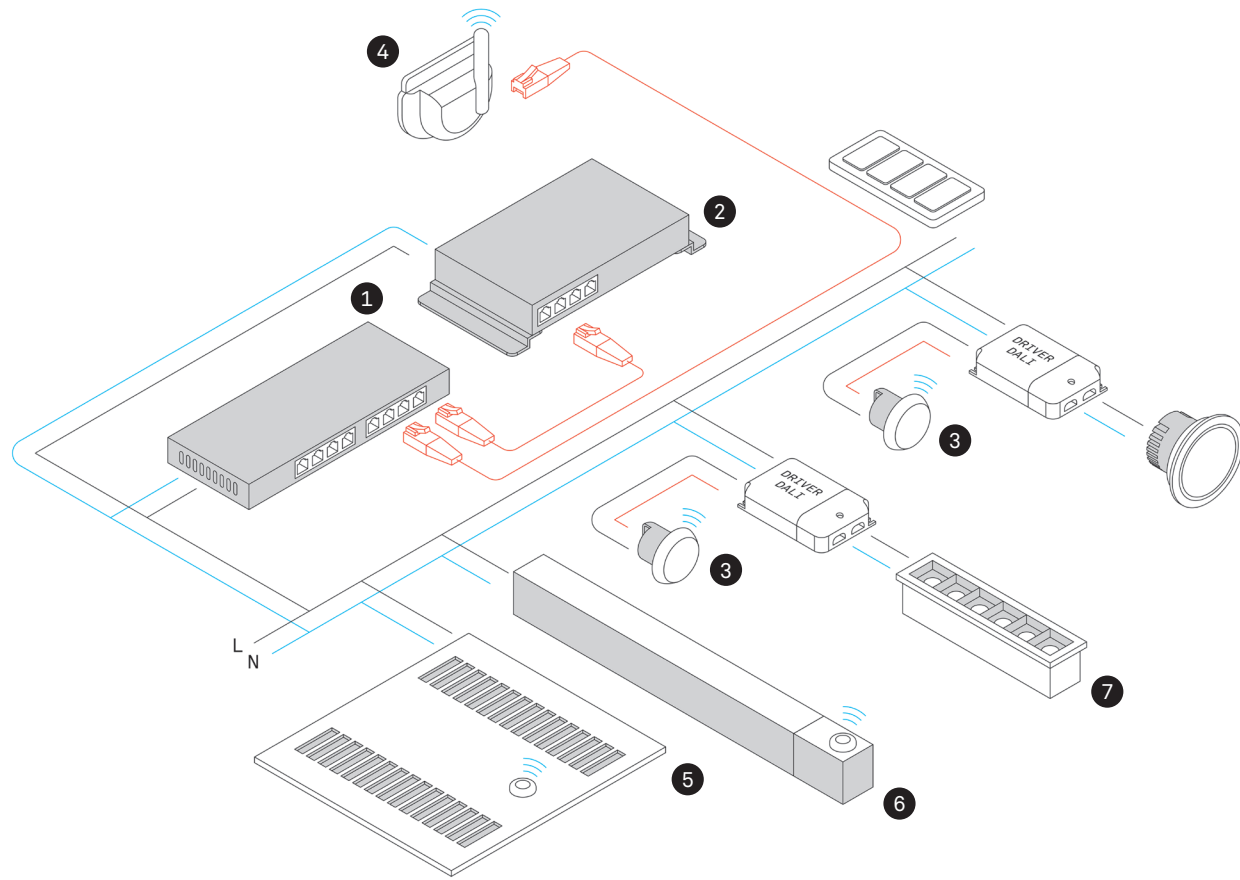
71-8062

A physical interface that lets you switch on/off and dim one or a whole set of luminaires.

71-8060 (Coming soon)

Used to update the firmware version of a multisensor connective to update to PRO.

D4i Solution



Functions



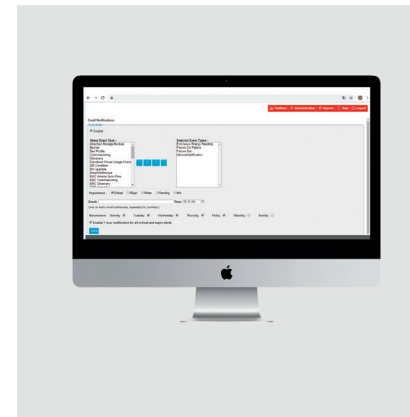
Remote control.
Installation status.
Profile and group design.



Savings through natural light, occupation and task adjustment.
Energy reports adapted to the needs of each action carried out.
Real-time monitoring of the power consumed and saved.



Information on ambient temperature and the luminaire to enable easy integration with air conditioning and heating systems.

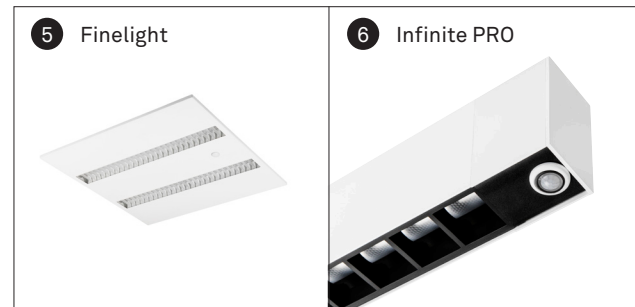


Alarm management.
Programmable e-mail notifications based on various parameters such as luminaire malfunction or overheating, available updates, ...

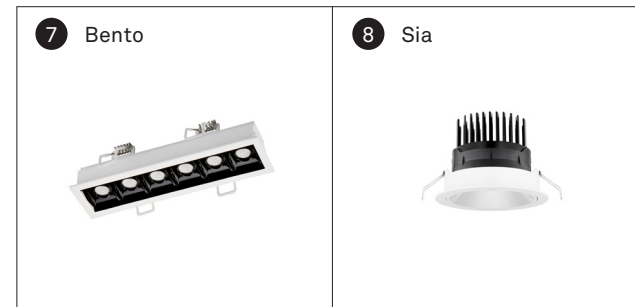


Heat map reports for proper space management and assessment.

Compatible light fixtures with integrated sensor



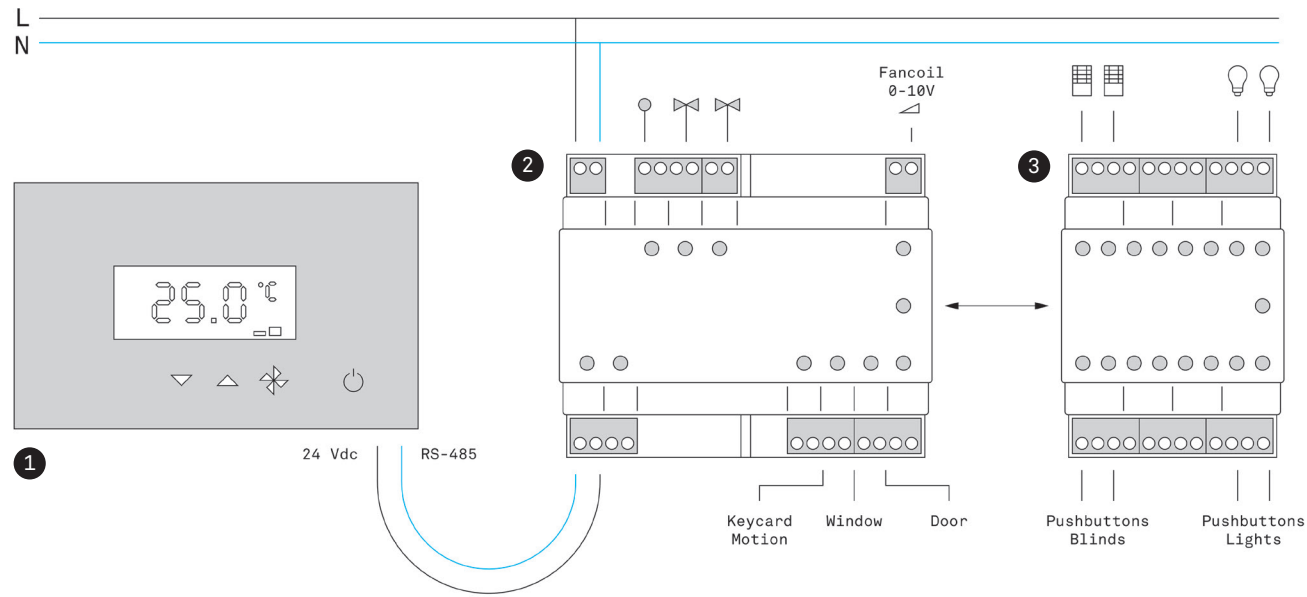
Lighting with external sensors



Air-conditioning solution

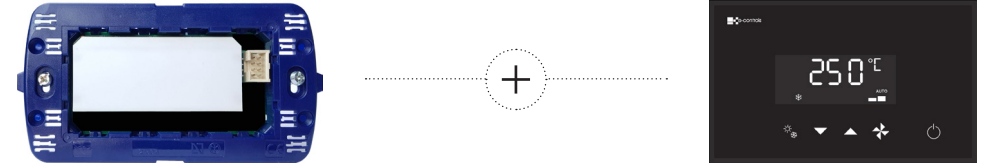
An autonomous solution that lets you control a room's air conditioning. Through the "Lighting Module" device, lighting circuit control can be added to the solution easily.

Solution's architecture



1 Air conditioning controller coupling

Front air conditioning controller



71-8073

Both the coupler assembly and the front of the air conditioning controller intuitively turn on, turn off or modify the temperature and speed of the air conditioning equipment through an easy-to-use interface.

71-8074

Front air conditioning controller compatible with air conditioning system coupler.

2 Autonomous air conditioning controller

3 Illumination module for air conditioning controller



71-8072

Device with inputs for key contact / motion detector, window contact, water probe / door contact and 0-10V analogue outputs (Fan-coil EC) and relays for hot/cold water solenoid valve.



71-8075

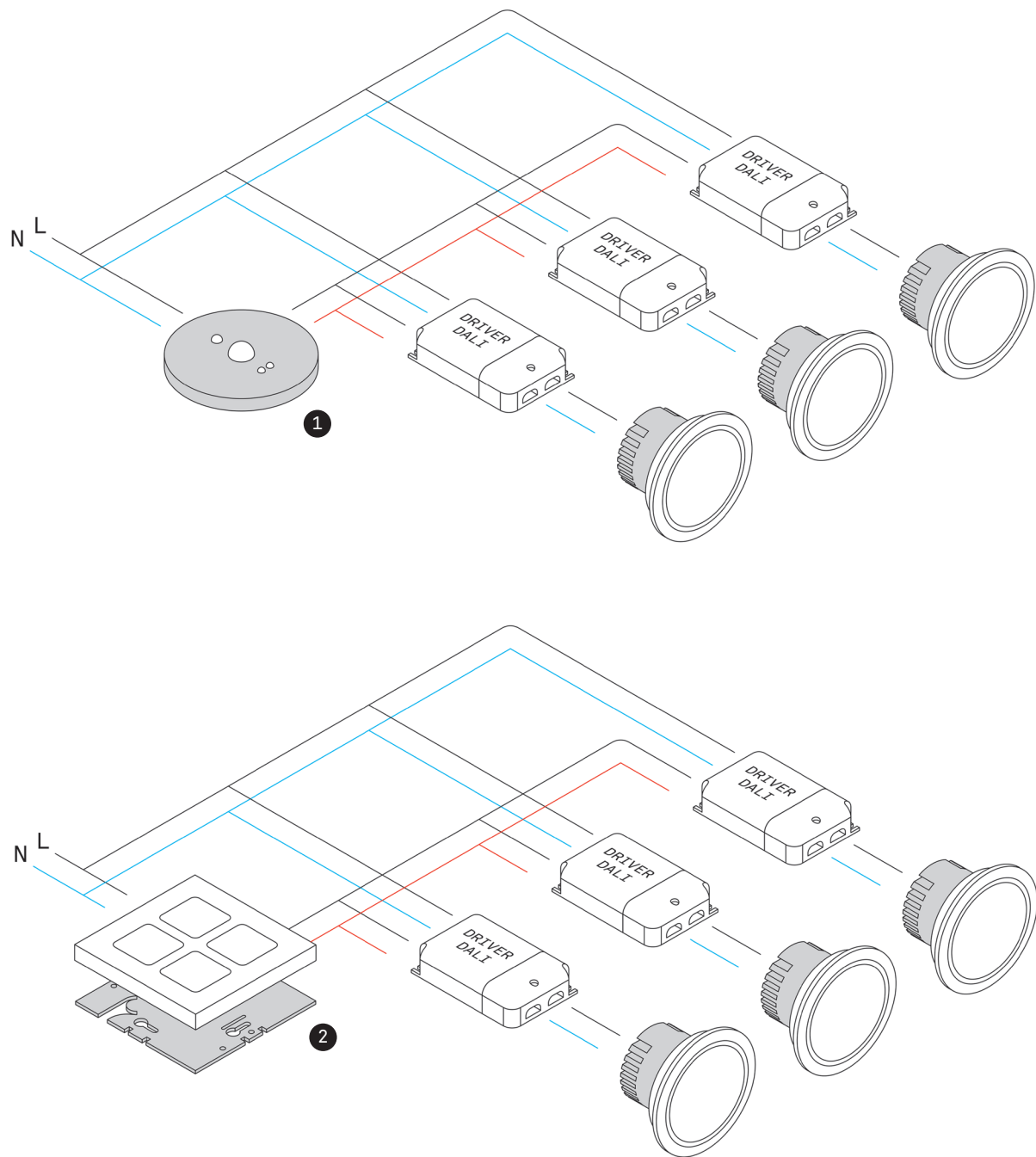
Autonomous device for lighting control and powered blinds.

It has 8 inputs for standard buttons and 8 voltage-free relay outputs.

Standalone Solutions

Standalone control solutions. These can be used to control one or more luminaires within the same space independently. With Standalone solutions, you can perform simple functions and save energy.

Solution's architecture



1 DALI Standalone multi-sensor

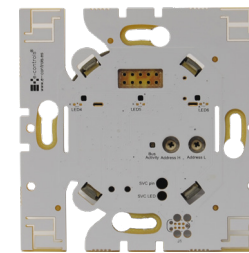


71-8067

Brightness and presence sensor lets you to switch on the lighting when a room is in use and maintain a constant level of light, depending on the amount of natural light.

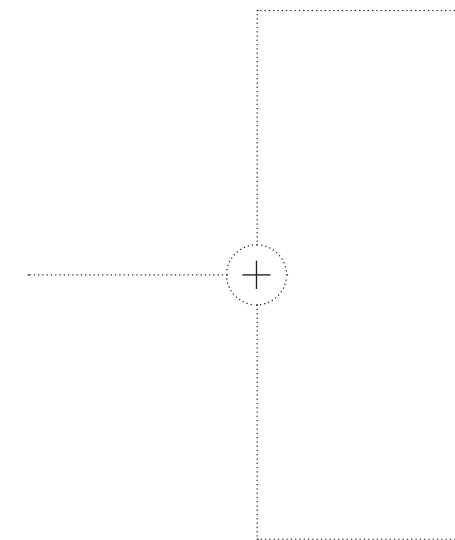


2 DALI Master bus coupler



71-8069

The DALI Master coupler set with the front DALI keypad makes it possible to program personalised functions, such as switching on a luminaire, a set of lights, a scene, etc., via an app on your mobile device.



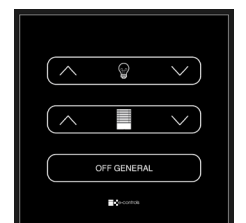
DALI front 4-function keypad



71-8070

Front DALI button compatible with DALI Master bus coupler that allows you to program 4 functions and customise your icons.

DALI front 9-function keypad



71-8071

Front DALI button compatible with DALI Master bus coupler that allows you to program 9 functions and customise your icons.



Standalone Solutions

Intuitive and easy-to-use user interfaces, with an attractive and minimalist design. Tactile technology enables precise and quick customisation to achieve the desired ambience.

Wireless controllers to adjust lighting from any point of the room. Fast interaction via switches and tactile control circuit. Includes a quick-mount support, fixed in place by support magnets.

DALI controller

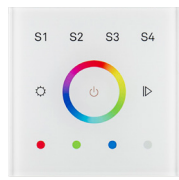


71-7671

Adjusts the brightness of a row of luminaires using DALI protocol



DMX or PWM controllers

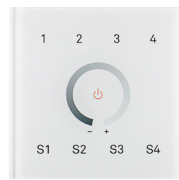


71-7666 (DMX) / 71-7664 (PWM)

Control buttons based on DMX or PWM protocols. Using one control pad, allows colour adjustment and memorisation of predefined static and dynamic settings.



DALI controller



71-7665

Control buttons based on DALI technology. Enables several DALI lines to be controlled (*prior set-up required) and memorisation of lighting scenes.



White controller



71-7670 (Controller) / 71-7668 (Receptor)

Set of controller plus 1-channel receiver, compatible with PWM protocol. Can be used to control up to six independent lines, adjust brightness and memorise six lighting scenes.



RGB controller

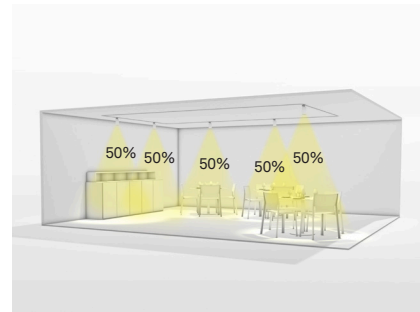


71-7667 (Controller) / 71-7669 (Receptor)

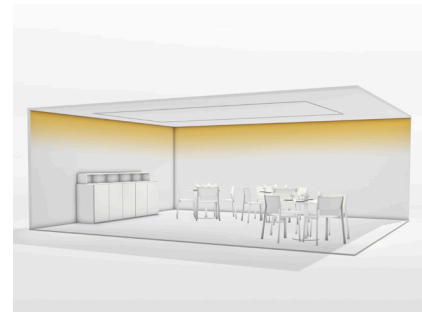
Controller plus 4-channel receiver enables control of six independent colour lines and memorisation of six predefined static or dynamic lighting scenes.



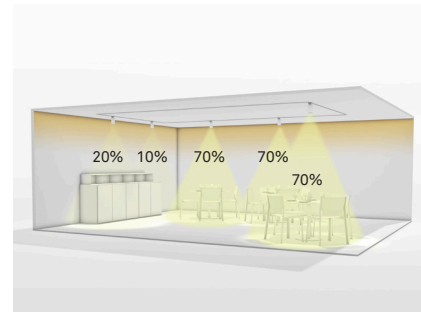
Examples of use



A high overall light level suggests a dynamic space with high footfall. In contrast, a low light level suggests a more private space.

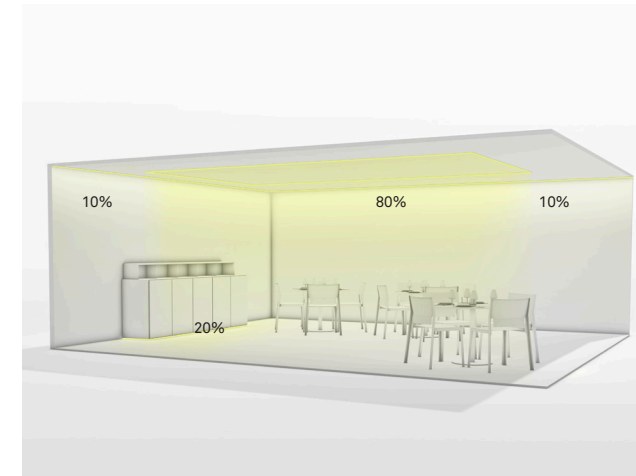


RGB lighting effects create sensations to suit the needs of each moment: transmitting a sense of dynamism or relaxation.

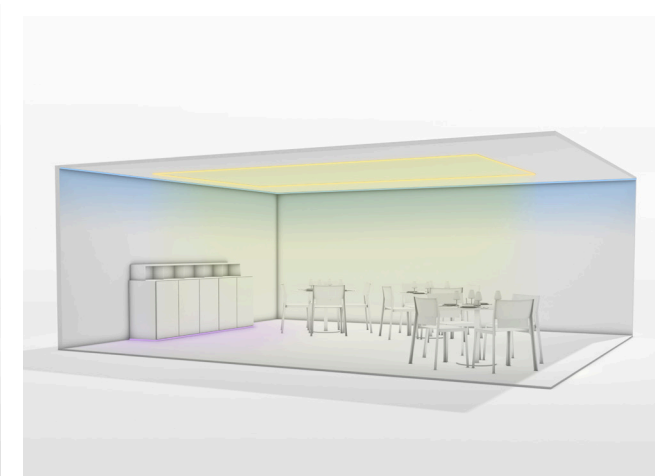


Settings with different lighting levels create the right atmosphere for each moment of the day: lunch (general light), evening meal (soft, focused lighting), etc.

Examples of use



Lighting by zones allows different objects to be highlighted. Up to 6 zones can be included.



Different coloured lighting effects create a unique emotional atmosphere.

Standalone Solutions

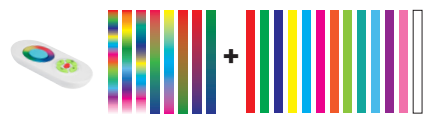
System based on DMX protocol Control via RF control or switch. Integrated series memory. Automatically remembers the last program assigned, either a sequence or fixed colour.

RF master control



71-E069

Controller based on Easy+ technology. Assigns features to control predefined static and dynamic lighting scenes, which can be selected from an RF master control.



Slave



71-E070

Additional-use device, in the event of requiring further luminaires adjusted by Easy+ protocol. A Master is required to make it work.

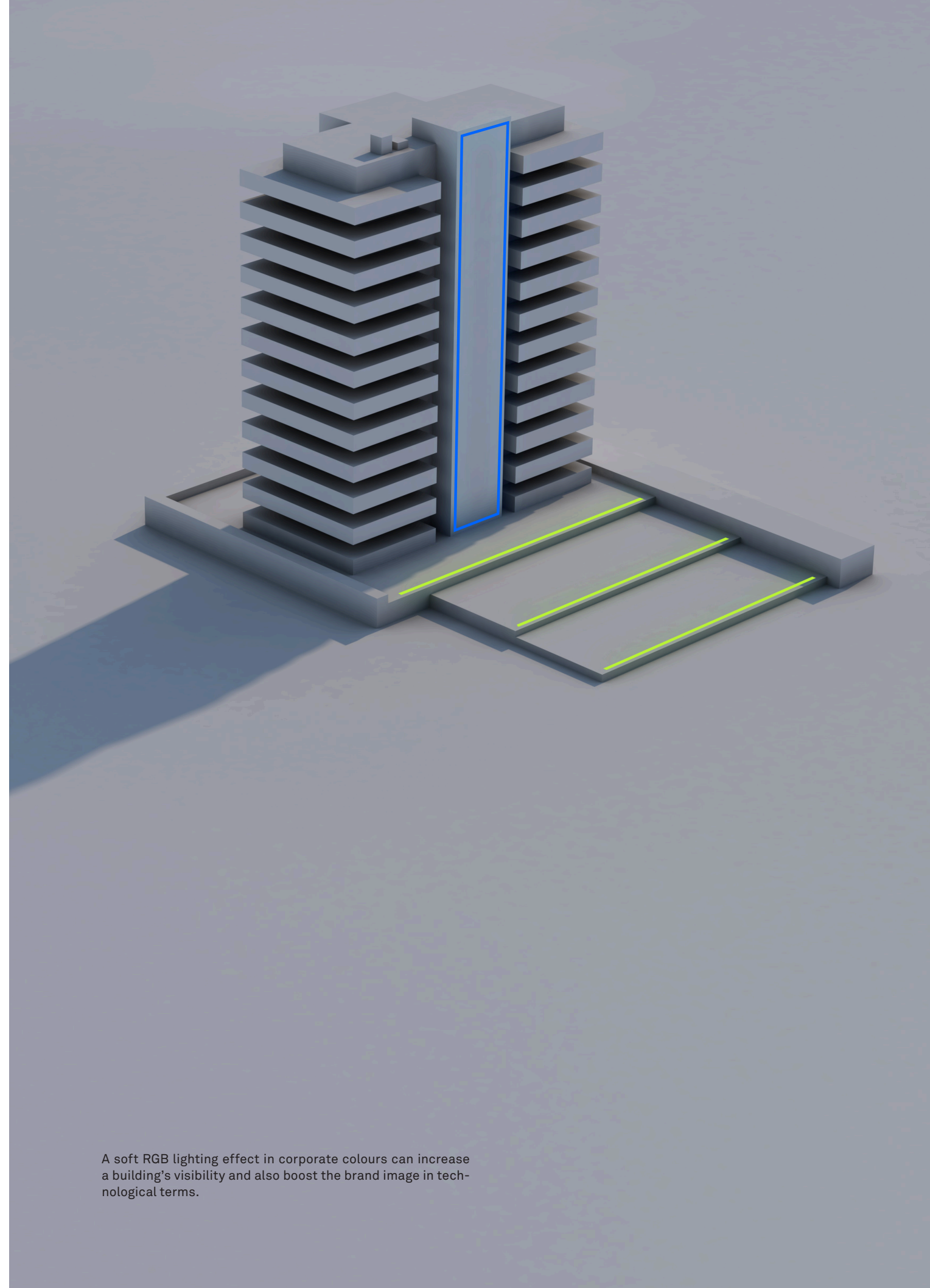
Function selected using the master.

Master control switch



71-E011

Controller based on Easy+ technology. Can be used to select predefined static colours and dynamic lighting scenes through a switch on the device.




A soft RGB lighting effect in corporate colours can increase a building's visibility and also boost the brand image in technological terms.









Device controllers

Light for Life



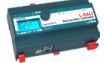




	L x W x H mm	IP	V in	Frequency	Maximum luminaires	W max	Protocol	
	80x36x20,5	20	110-240V	50-60 Hz	10	0-10V: 10A - 20mA DALI: 50 mA max	0/1-10V DALI	71-8218-00-00

Casambi Solution



	L x W x H mm	IP	V in	Frequency	Maximum luminaires	W max	Protocol	
	40 x 36 x 14	20	100-240 V	50-60 Hz	-	140W	Trailing edge	71-5959-00-00
	56 x 36 x 21	20	220-240 V	50-60 Hz	3	-	0/1-10V DALI	71-5961-00-00
	72,6x30x18	20	12-24 V	-	-	6A 72W @ 12V 144W @24V	PWM	71-8050-00-00
	79x85x85	20	220-240V	50-60 Hz	-	-	-	71-8049-00-00
	28x108x104	20	100-240V	50-60 Hz	-	-	-	71-8055-00-00
	45x58x25	20	12-48 V	-	-	-	-	71-8052-00-00
	90x90x12	20	Pila CR2430	-	-	-	-	71-8053-00-00
	143x18x59	20	48V	-	64 max. 4 groups	DALI BUS OUTPUT 250 mA max	DALI	71-8115-00-00

DALI2 Solution



	L x W x H mm	IP	V in	Frequency	Maximum luminaires	W max	Protocol	
	159 x 100 x 75	40	85-240 V	50-60 Hz	64	DALI BUS OUTPUT 230 mA max	DALI2	71-8065-00-00
	80x50	20	16 Vcc	-	-	-	DALI2	71-8066-00-00
	78x78	20	16 Vcc	-	-	-	DALI2	71-8068-00-00
	86x86x8,5	20	-	-	-	-	-	71-8070-00-00
	86x86x8,5	20	-	-	-	-	-	71-8071-00-00

D4i Solution

	L x W x H mm	IP	V in	Frequency	Maximum luminaires	W max	Protocol	
	27x18	20	D4i	-	4 Drivers	-	D4i	71-8065-00-00
	27x18	20	D4i	-	4 Drivers	-	D4i	71-8066-00-00
	35x101,9x76,5	20	PoE	-	125 Sensors	-	IEEE 802.15.4	71-8068-00-00
	66,4x32,7x11,5	20	Pila CR2032	-	-	-	-	71-8070-00-00
	198x145x42	20	120 - 240 V	50-60 Hz	1500 Sensors	-	PoE	71-8071-00-00
	235x103x27	20	48 V	-	-	-	-	71-8066-00-00
	20,7x13	20	-	-	-	-	-	71-8068-00-00
	25x35x67	20	-	-	-	-	-	71-8070-00-00
	-	-	-	-	-	-	Software	71-8060-00-00

Device controllers

Air Conditioning Solution



	L x W x H mm	IP	V in	Frequency	Maximum luminaires	W max	Protocol	
	106x90x62	20	85-264 V	50-60 Hz	-	-	Fan Coil (0-10V) + 3 Outputs + 4 Inputs	71-8072-00-00
	71x90x62	20	-	-	-	2x 10A, 6x5A	8 Outputs + 8 Inputs	71-8075-00-00
	142x85x42	20	-	-	-	-	-	71-8073-00-00
	142x86x8,5	20	-	-	-	-	-	71-8074-00-00

Standalone Solutions

	L x W x H mm	IP	V in	Frequency	V out	Current (mA)	Maximum luminaires	W max	Protocol	
	78x78	20	95-250	50-60 Hz	-	-	16	DALI BUS OUTPUT 35 mA max	DALI	71-8069-00-00
	86x86x8,5	20	-	-	-	-	-	-	-	71-8070-00-00
	86x86x8,5	20	-	-	-	-	-	-	-	71-8071-00-00
	80x50	20	95-250	50-60 Hz	-	-	16	DALI BUS OUTPUT 35 mA max	DALI	71-8067-00-00

	L x W x H mm	IP	RGB White	V in	Frequency	V out	Current (mA)	Maximum luminaires	W max	Protocol	
	86 x 86 x 42	20	White	100 - 240	50-60 Hz	-	-	50	DALI BUS OUTPUT 100mA max	DALI	71-8072-00-00
	80 x 80 x 53	20	White	100 - 240	50-60 Hz	-	-	50	DALI BUS OUTPUT 100mA max	DALI	71-8075-00-00
	86 x 86 x 42	20	RGB	100 - 240	50-60 Hz	-	-	-	-	DMX	71-8073-00-00
	86 x 86 x 32	20	RGB	12 - 24	-	12 - 24	4x5 A	-	240 W @ 12 V 480 W @ 24 V	PWM	71-8074-00-00

	L x W x H mm	IP	RGB White	V in	Frequency range	V out	Current (mA)	Maximum luminaires	W max	Protocol	
	140 x 48 x 17	20	RGB	Pila 3xAAA	869.5 / 916.5 434 MHz	-	-	-	-	RF	4 71-7667-00-00
	178 x 46 x 22	20	RGB	12 - 48	869.5 / 916.5 434 MHz	12 - 48	4x5 A	-	240 W @ 12 V 480 W @ 24 V	PWM	- 71-7669-00-00
	140 x 48 x 17	20	White	Pila 3xAAA	869.5 / 916.5 434 MHz	-	-	-	-	RF	1 71-7670-00-00
	95 x 37 x 20	20	White	12-36	869.5 / 916.5 434 MHz	12-36	1x8 A	-	96 W @ 12 V 192 W @ 24 V	PWM	- 71-7668-00-00

RGB EASY+ Master & Slave

Master

W

150

71-E069 -00 -00

BODY MAT ABS / PC

100-240V 50-60Hz

Master

W

50

71-E011 -00 -00

BODY MAT ABS

100-240V 50-60Hz

Slave

W

150

71-E070 -00 -00

BODY MAT ABS / PC

100-240V 50-60Hz

Services

We support every one of our clients through all stages of their lighting project with quality, personalised services. Our background, experience, and specialisation with lighting allows us to widen our service portfolio, and offer a comprehensive and overall view, regarding control and connectivity.

Energy savings study

Training

Control

- Advice on the definition of groups and scenes, and sensor location in plans.
 - Electrical drawings and diagrams
 - In-factory pre-configuration and pre-commissioning
-

Integration with other systems

Connectivity

- Advice
 - Remote installation management
 - Energy monitoring
 - Temperature monitoring
-

Project management

- Monitoring work
 - Installation supervision and support
 - Installation
 - Focusing
 - Post-installation adjustments
-

Digitals

- Alarm management
- Heat Mapping

Coming soon:

- Preventive maintenance
 - IoT Space: Extended information on the occupation and usage of the spaces, as well as the flows of traffic and movement
 - IoT Where: Beacons and tracking of people and/or Bluetooth devices
-

Financing

Lighting

- Lighting consulting
 - Conceptualisation
 - Lighting calculation
 - Project and special product development
-

After-sales support

- Direct line to technical support
- Incident management
- Maintenance



For mankind, lighting has always been an essential part of life. It provides wellbeing and comfort, makes the inhospitable habitable, adds functionality to spaces and reveals the beauty of each landscape and architectural attribute.

LEDS C4 has forty years of lighting experience, **improving people's lives through lighting products that are useful for society.**

LEDS C4

Experts in shaping light



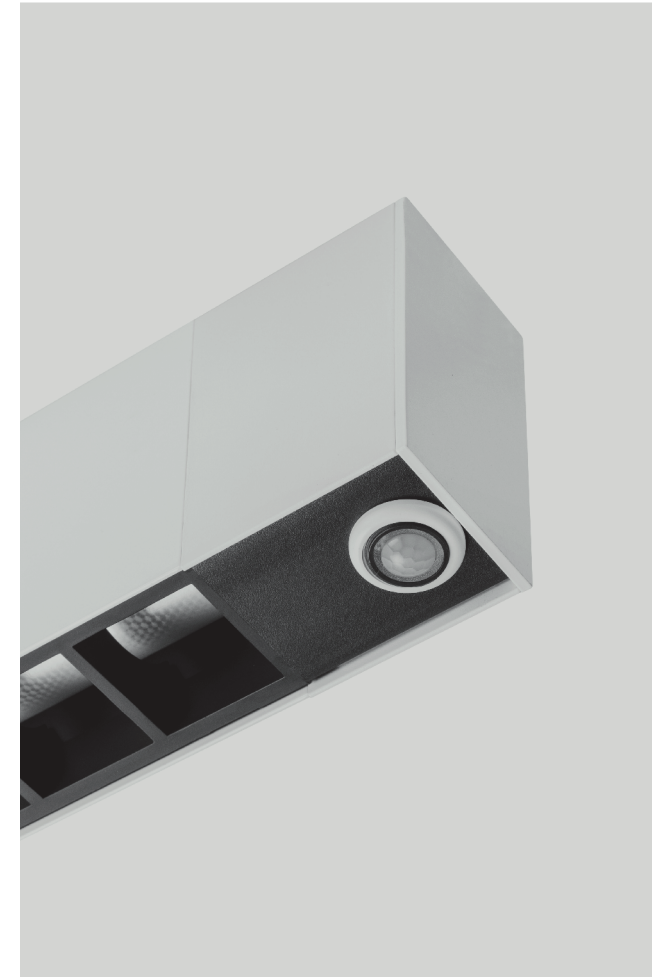
Large-scale lighting



An ongoing challenge



A desire to innovate



We are committed to exploring lighting in all its aspects. Our goal is to transform spaces within buildings and enhance them through **lighting solutions tailored to individual environments**. This is the challenge we face as a company, which constitutes our everyday endeavour. LEDES C4 is endorsed by 13,000 clients in more than 140 countries, and we have a portfolio of more than 3,000 technical and decorative lighting projects, both interior and exterior.

Large spaces need advanced lighting solutions. They require exhaustive control at each and every stage of the process, from the design concept, through to manufacturing, installation, and use. Large-scale lighting projects call for safety in large infrastructures and service at height: 30,000 m² of facilities and **350 professionals fully dedicated to meeting all the project's expectations**, be it in hotels, offices, shopping centres, museums or residential areas. LEDES C4 also has in-house teams specialised in designing customised solutions to illuminate architectural, interior and design projects.

We are committed to quality, durability and high performance for all our lighting. Our technical and quality teams work constantly to optimise materials, designs and processes. To achieve this, all our products undergo comprehensive testing to ensure high performance throughout their lifespan. To show how committed we are to delivering premium quality, LEDES C4 offers a five-year warranty against manufacturing defects, which applies to all the products in our extensive catalogue of more than 9,000 product references. All company initiatives and progress hinge upon our comprehensive knowledge of the industry, as well as our focus on clients' experience.

In under 10 years, LED technology has completely revolutionised the technical lighting sector and LEDES C4 has been a pioneer in Europe in incorporating this new technology, demonstrating that **it is possible to live in the present with an eye to the future**. And that it is possible to be competitive, solid and efficient while being innovative. As an industry leader, we strive to optimise lighting with cutting edge technologies. We also produce new lighting solutions for the present and the future, based on product miniaturisation, light control and quality, connectivity and digital services.

LEDS C4 Group

Four ways of interpreting light. One premise: excellence. The LEDS C4 group exports lighting solutions around the world that adapt to the needs of any project, working for different markets and different customer profiles.

LEDS C4



Grok



Carandini



Forlight



A wide range of technical and decorative, indoor and outdoor lighting solutions with a sales network in over 140 countries and the ability to design and manufacture made-to-measure products.

Design and individuality converge to create great spaces and sensations through contemporary lighting.

Lighting solutions for urban street lighting, industrial and sporting facilities and other types of infrastructure in Europe, America and Africa.

Lighting solutions for residential use and low intensity projects in indoor and outdoor settings.

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DIALux

