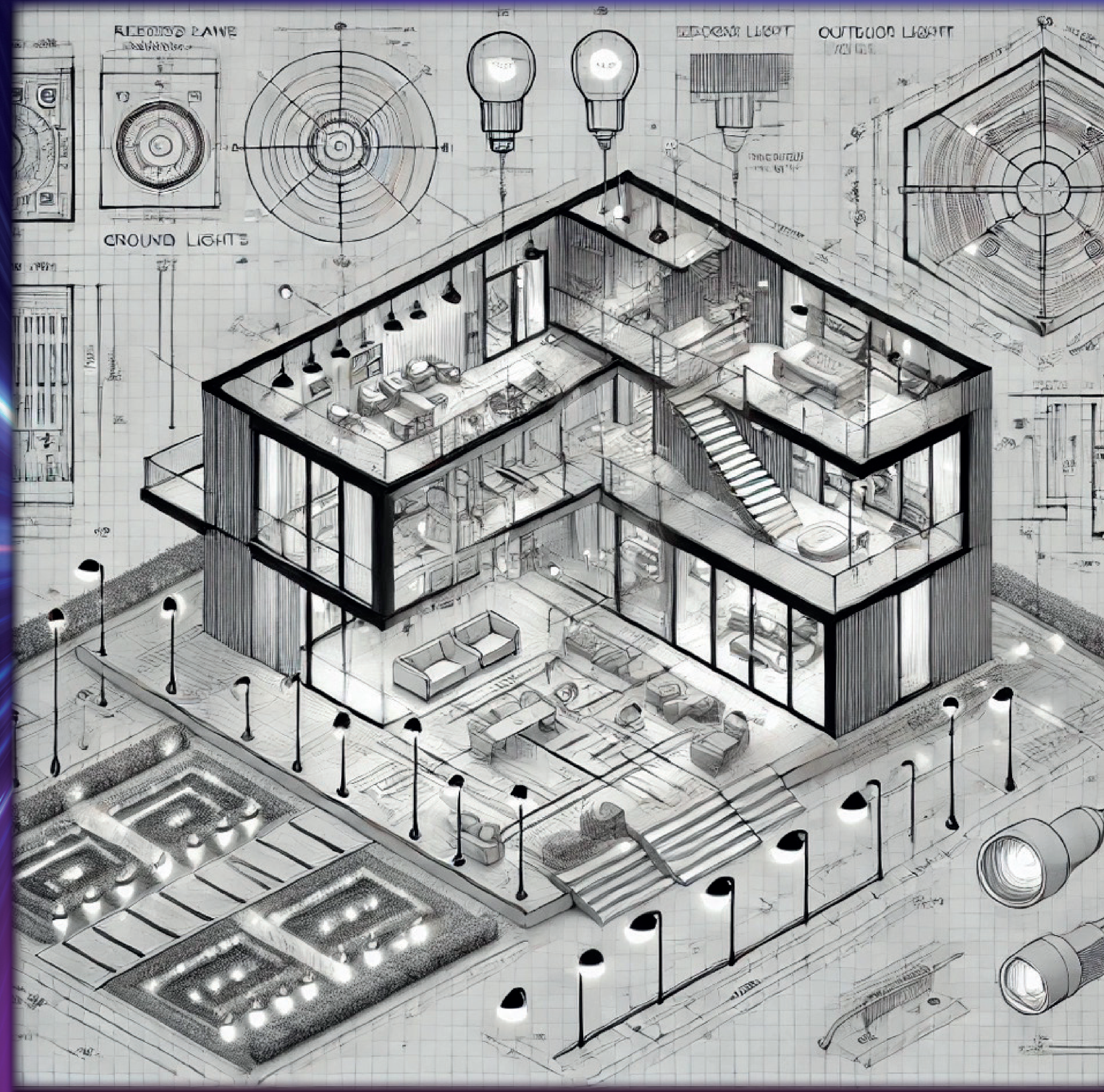


# Prim@tek

## ***“Bright Ideas, Custom Build”***



### **PrimOtek Custom Lighting Solutions**

At Primotek, we specialize in creating custom-designed lighting solutions that bring your vision to life, both indoors and outdoors. Whether you're enhancing the ambiance of a home, office or public space our innovative and high-quality lighting products are tailored to fit your unique needs. Transform your space into something extraordinary with Primotek's custom lighting solutions.



## 100% CUSTOM LIGHTING

We believe that each of your lighting projects is unique. This is why we offer you customized solutions for any environment, from contract to domestic. The starting point is your Idea/ need, the arrival is the creation of a unique result!

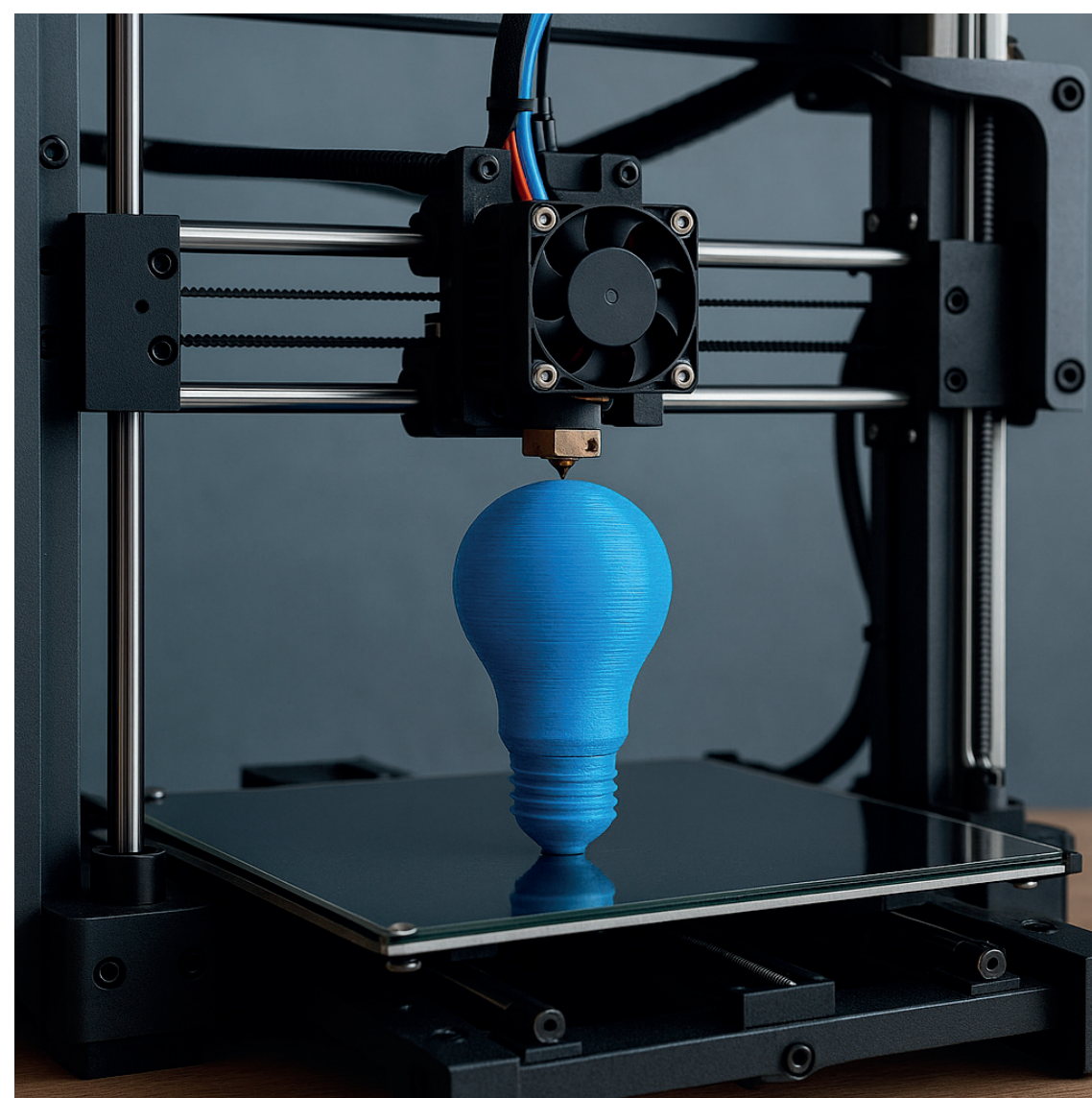


## CUSTOM DESIGN

In the design studio, the PrimOtek team transforms your idea into a product/project. In the initial design phase, any options will be proposed with detailed technical specifications complete with images, drawings and lighting files, followed by initial prototypes, so as to arrive quickly and effectively at the finished product. This will be the result of a perfect fusion between technology, craftsmanship and lighting designer.



## YOUR CUSTOM-MADE PRODUCT



The concept of "CUSTOM-MADE" comes from the world of Fashion and means designing and then creating a personalized and unique product. We have also adopted this concept in our production line, making it tailored: the production of lighting equipment and the design experience allow us to give life to equipment deriving from any of your ideas or needs, without limits on performance, shape to achieve the final result requested by you. The product will be exclusively reserved for you and no one else.

## CUSTOM-MADE CATEGORIES

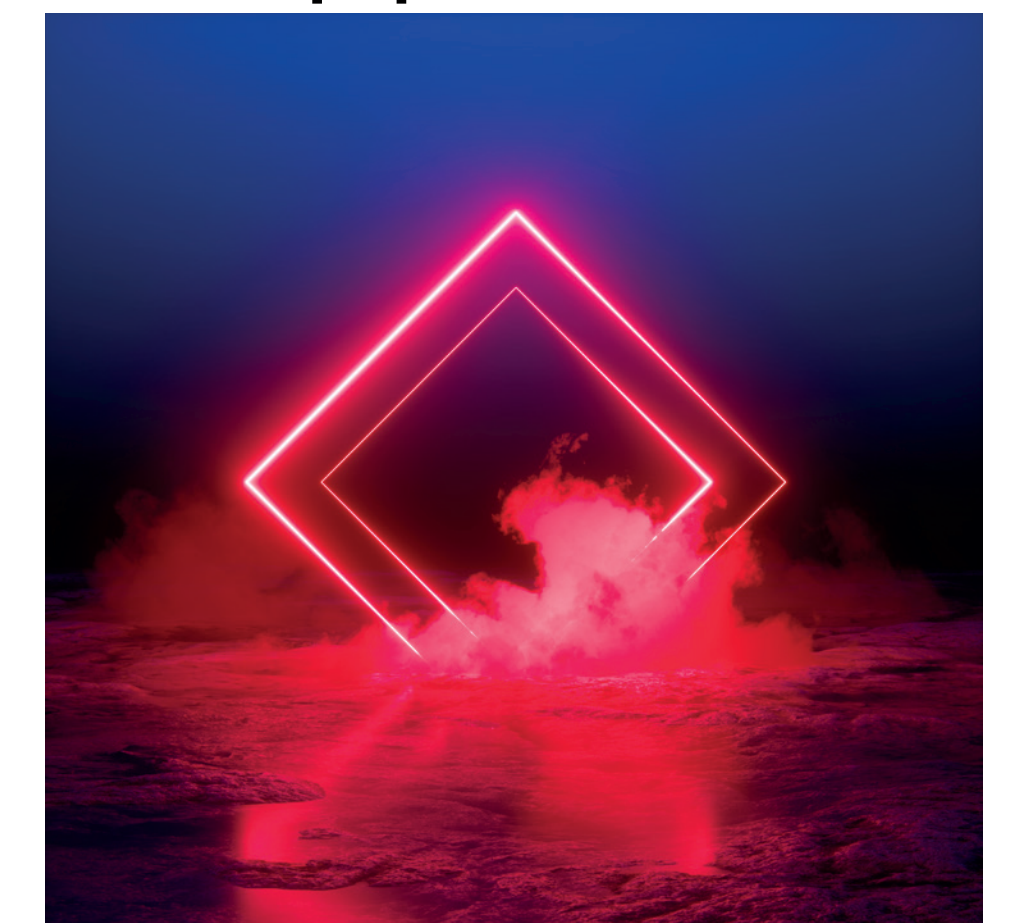
outdoor Lighting



stylised interior lighting



special lighting effects and equipment



## DIALOGUE AND COMPARISON

The starting point for a custom product or project is always the dialogue with the Client, Architect or Lighting designer. It is precisely from the story of his ideas, from the effect he imagines and from the needs of integration in the spaces that we are able to get an idea of his practical needs, of the style, of the luminous and mechanical characteristics that the product will have to have in the end.



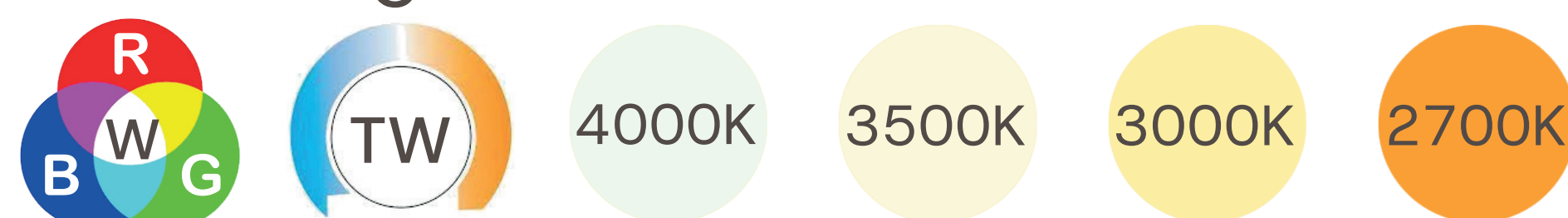


# EVE-LED

Your linear light design  
You design it and we make it



available light



available control system



## EVE-LED

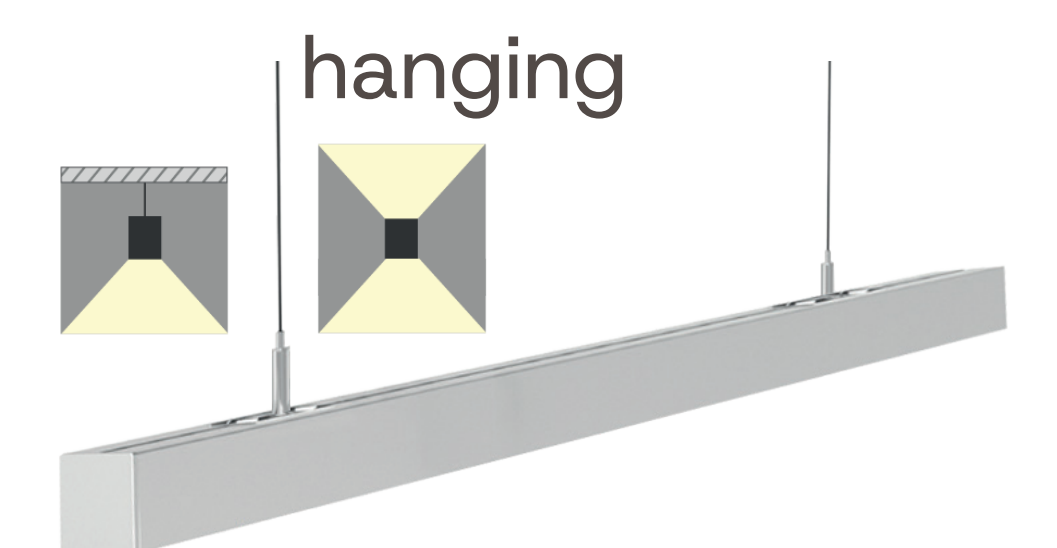
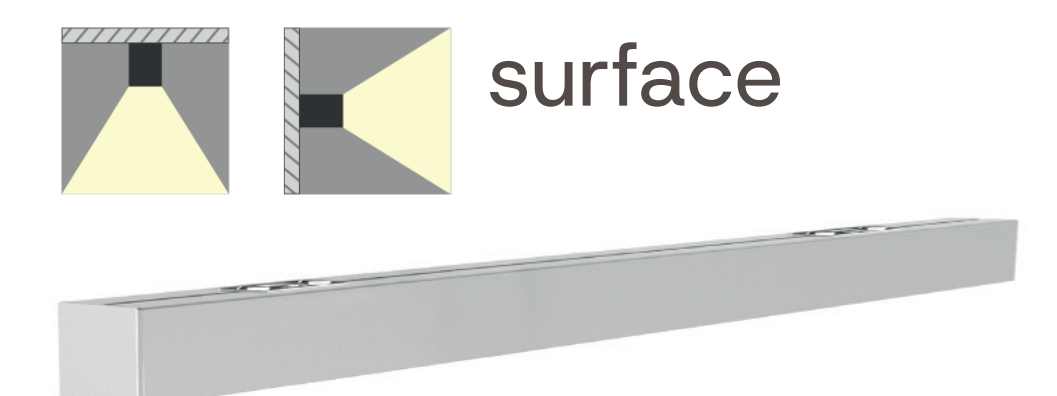
EVE-LED goes beyond the concept of linear light thanks to a compositional freedom that allows a personal interpretation of geometric light.

Suitable for any application environment, it integrates optics, shapes, power and quality of light with intelligent control technologies, style details and exclusive materials.

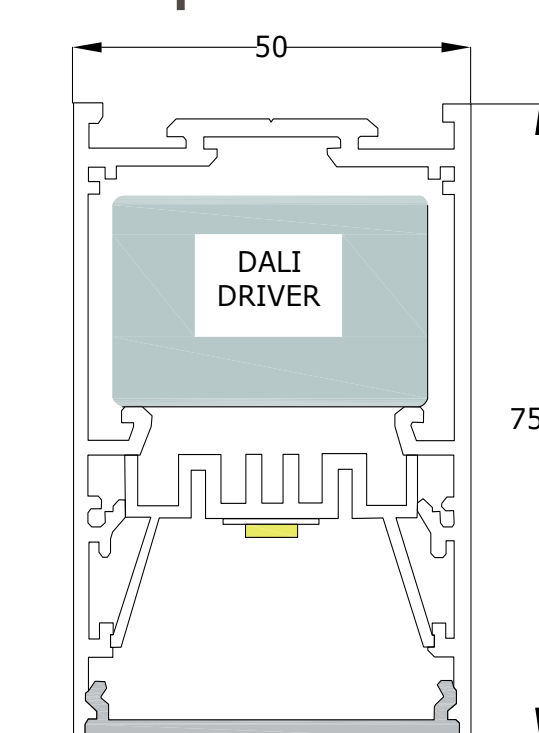
### EVE-LED custom-made

EVE-LED is the linear lighting system customizable according to your geometric design, round, square, intertwined and as you imagine it.

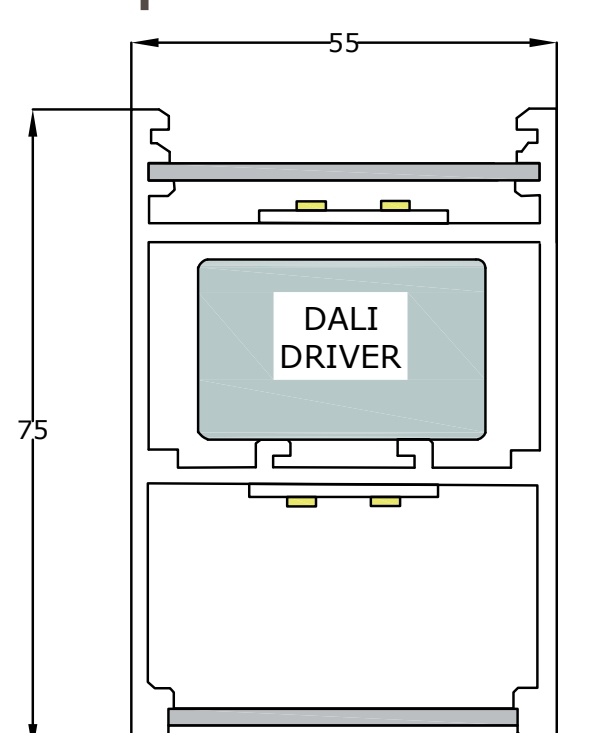
You can choose the type of White light, RGB, RGBW, TW and also the type of control, from On-Off to intelligent control with BUS DALI, DMX etc.



Single light output



Double light output



### EVE-LED modular linear light

#### Create your shape

Think about your shape and size, we make your personal design.

#### Choose the light

White 2700K / 3000K / 3500K / 4000K RGB / RGBW / TW

#### Choose the Power

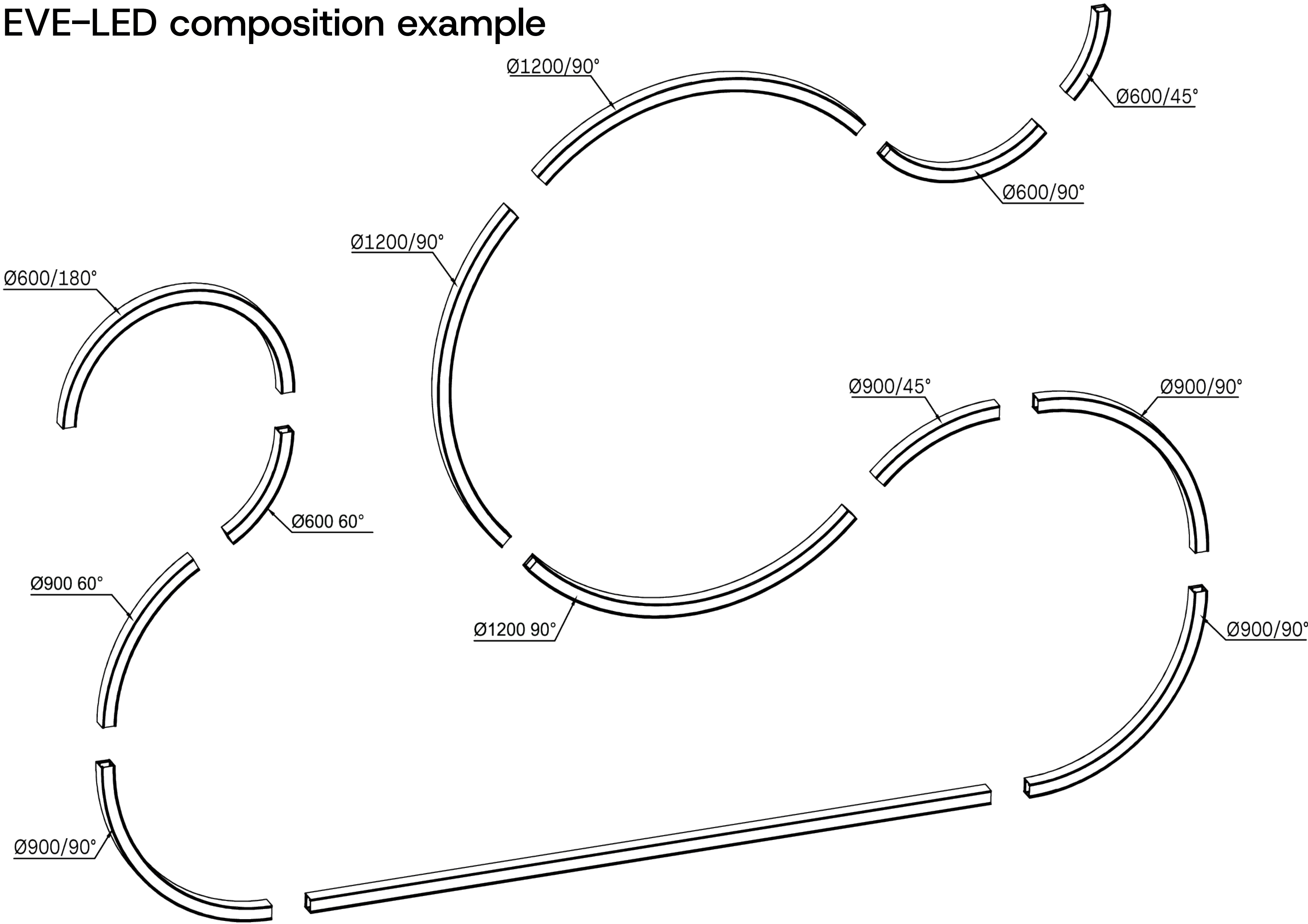
White: 10W/m Up to 32W/m  
RGB / RGBW / TW: 15W/m Up to 20W/m

#### Choose the type of control

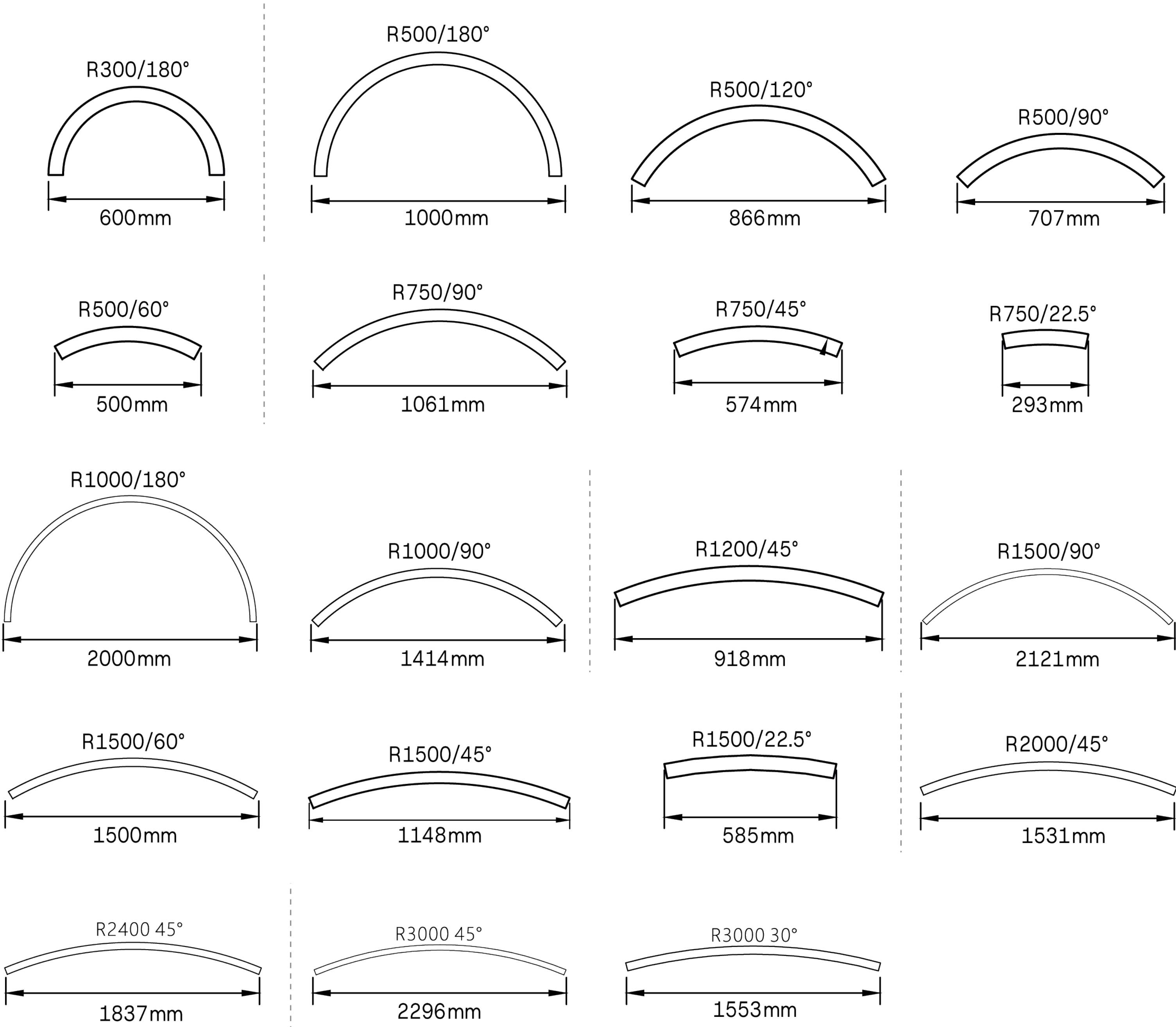
On-Off / DALI / DALI-2 / DMX  
CASAMBI / ZigBee



EVE-LED composition example



EVE-LED example of realizable curves







## Karina-LED

Karina-LED is a series of integrated linear LED lighting fixtures with single or dual emission. The range includes models for freestanding installation as well as suspended models in various customizable lengths, from a minimum length of 50 centimeters to lengths of up to 6 meters.

The body color of the fixture, in addition to the three standard colors of white, silver, and black, can be customized with any other color from the required RAL color chart.

All versions are also customizable in terms of the control type, which can be on-off, DALI, DMX, or Bluetooth.



## Flox-LED

Flox-LED is a very elegant linear and modular system for interior architectural lighting.

Thanks to its curved and linear elements that can be combined with each other, it is possible to create multiple light geometries that adapt as closely as possible to the requirements of the environment.

Available in four pre-assembled circle sizes: 1800, 1200, 900 and 600 mm, as well as linear or 90° curved modules.

All elements are customizable in length. Dimmable light source in various shades of white. Standard body colors are black and white, but you can choose your desired RAL color upon request.





0-10V

TRIAC

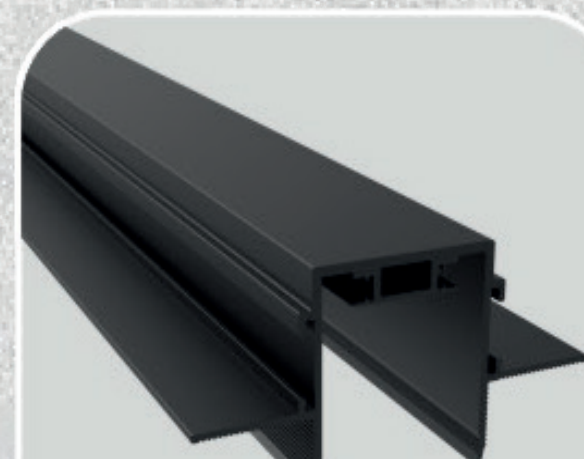
2.4G



Surface Hanging



Recessed



Embedded



## mini-LOTO-LED

Ultrathin Track System  
Multipurpose installation to  
address various application limit





0-10V

TRIAC

2.4G



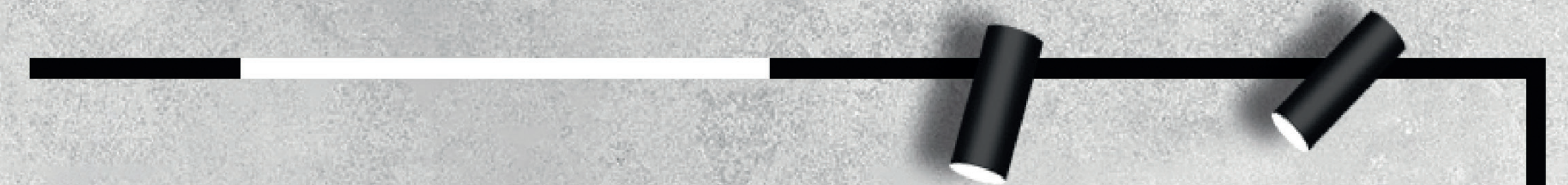
Surface  
Hanging



Recessed



Embedded



## mini-LOTO-LED

Ultrathin Track System  
Multipurpose installation to  
address various application limit

## SPOT LIGHT

adjustable directions  
available with different beams angle





0-10V

TRIAC

2.4G



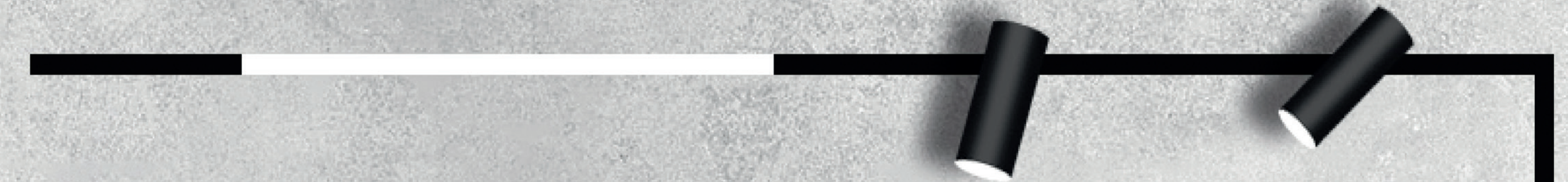
Surface  
Hanging



Recessed



Embedded



## mini-LOTO-LED

Ultrathin Track System  
Multipurpose installation to  
address various application limit

## LIGHT DOT

fixing directions  
different optics effect



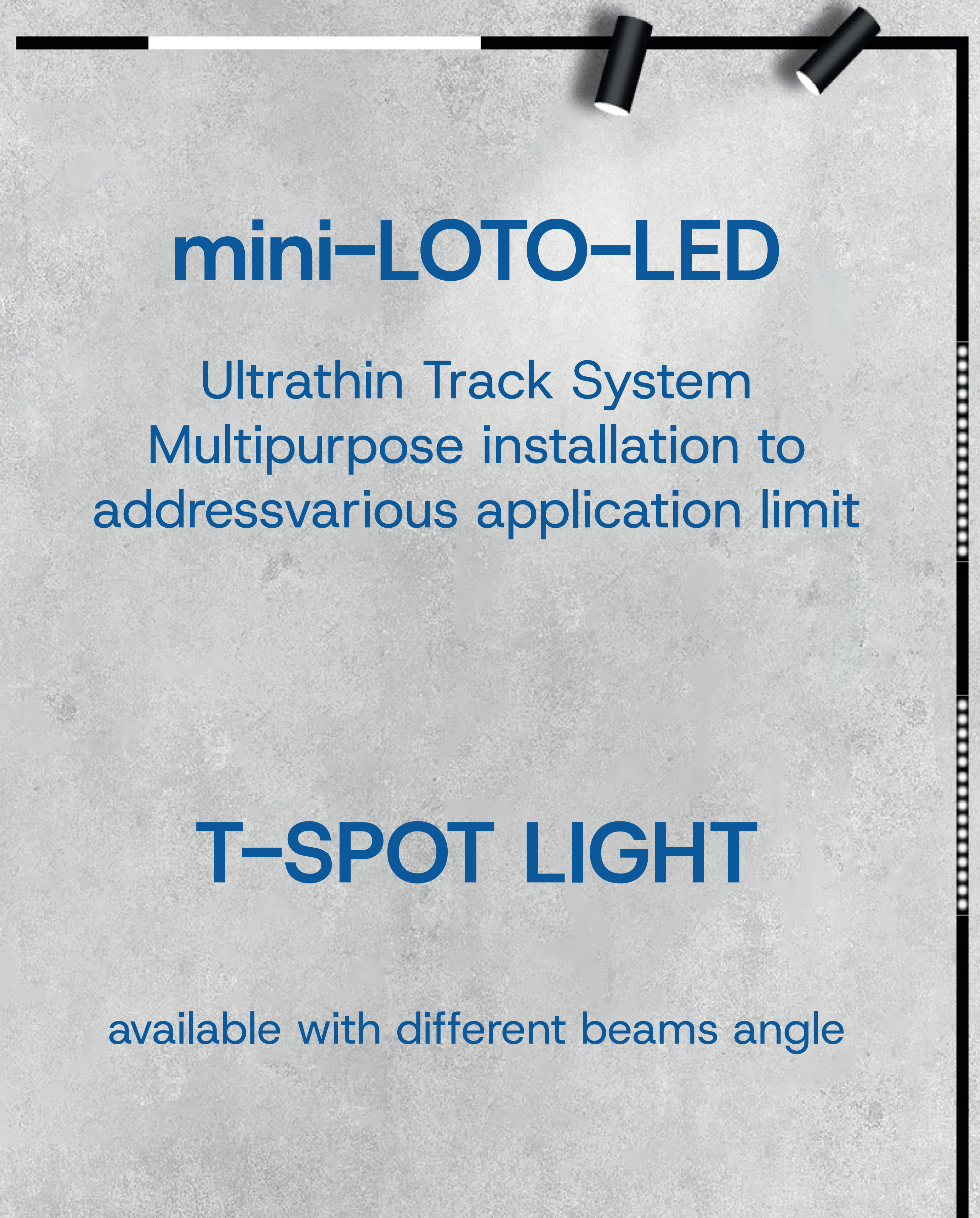




0-10V

TRIAC

2.4G



## mini-LOTO-LED

Ultrathin Track System  
Multipurpose installation to  
address various application limit

## T-SPOT LIGHT

available with different beams angle





0-10V

TRIAC

2.4G



## mini-LOTO-LED

Ultrathin Track System  
Multipurpose installation to  
address various application limit

## O-SPOT LIGHT

adjustable directions  
different optical system





0-10V

TRIAC

2.4G



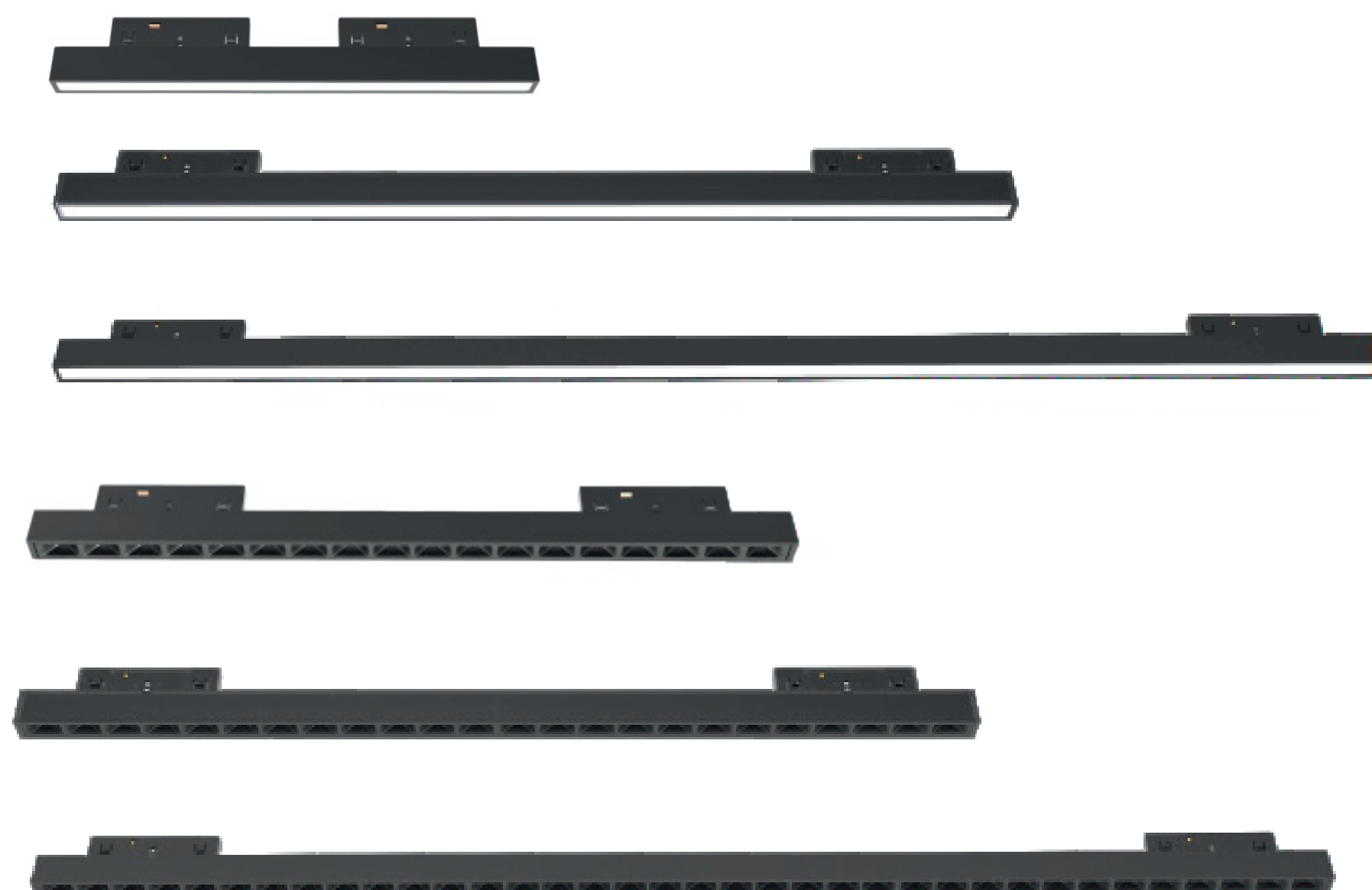
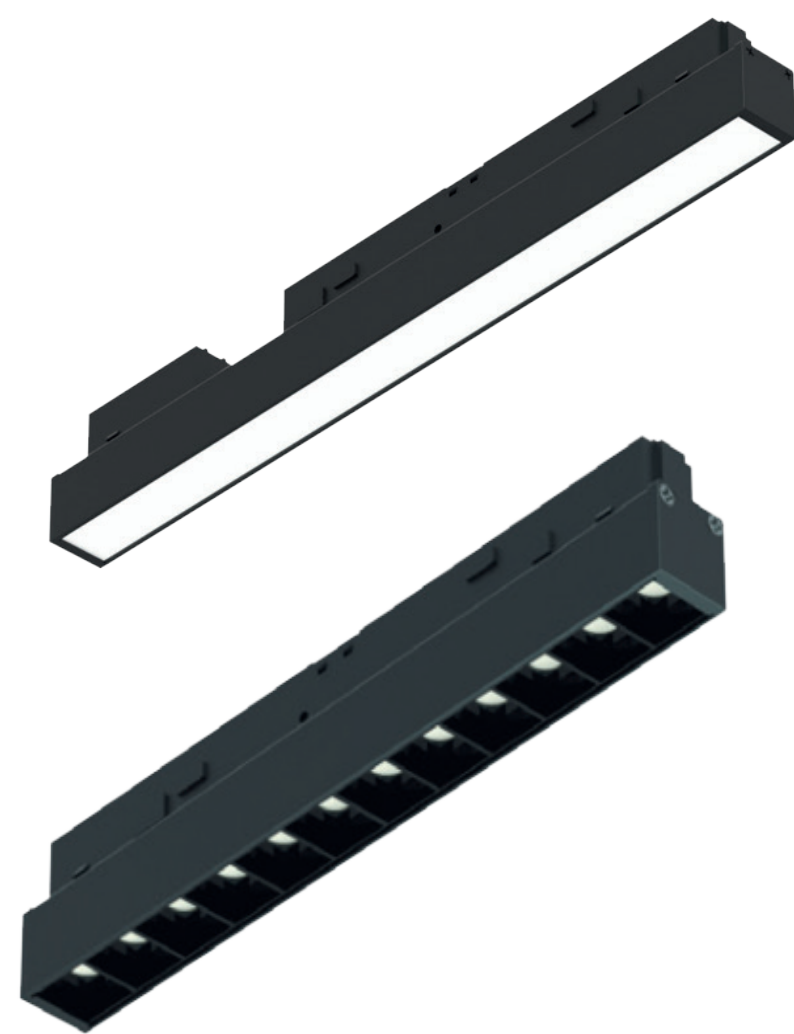
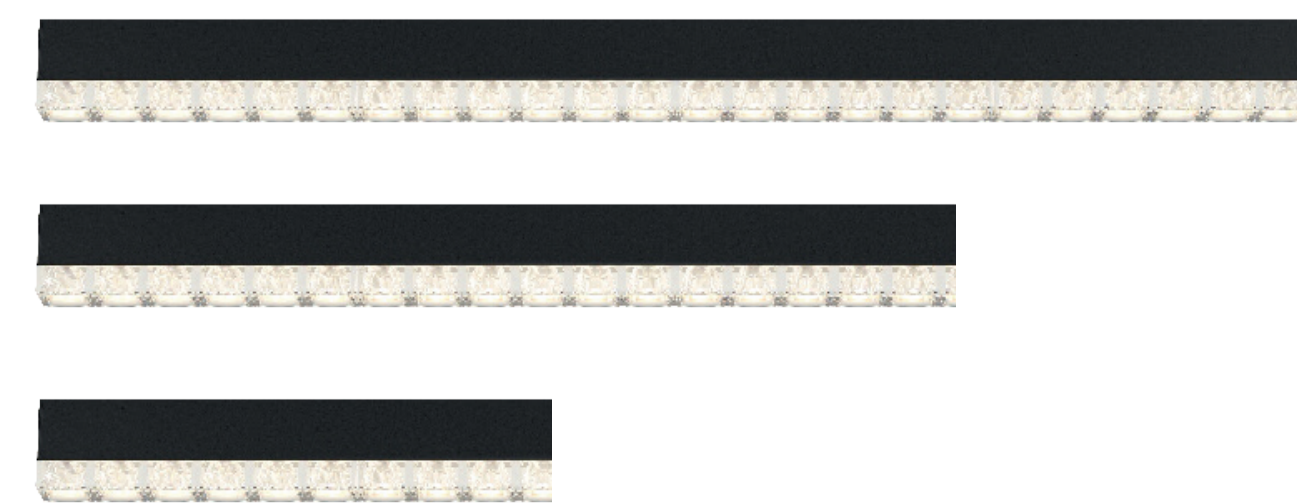
Surface Hanging



Recessed



Embedded



## mini-LOTO-LED

Ultrathin Track System  
Multipurpose installation to  
address various application limit





0-10V

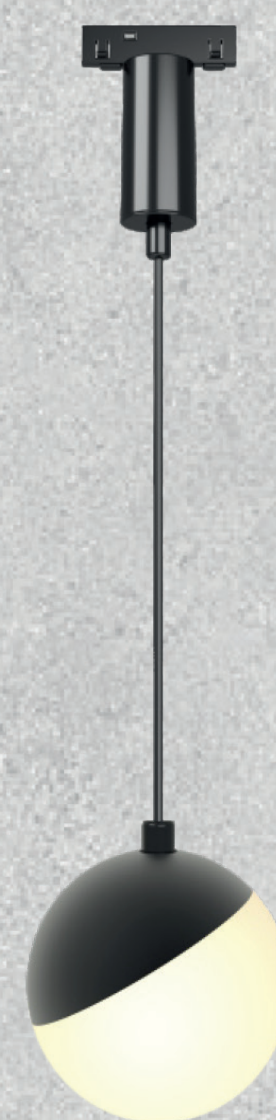
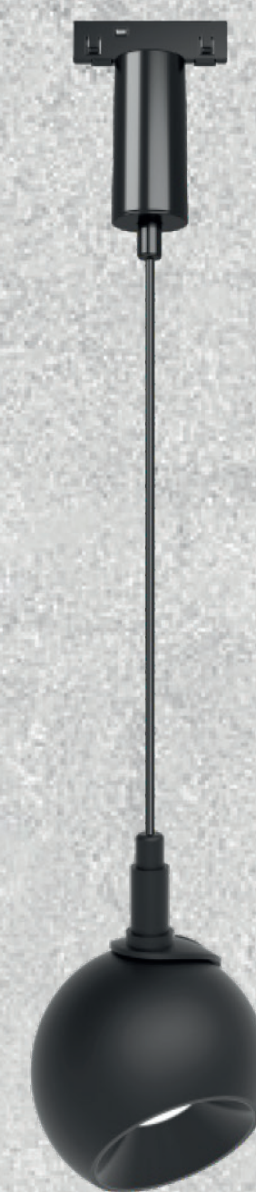
TRIAC

2.4G



## mini-LOTO-LED

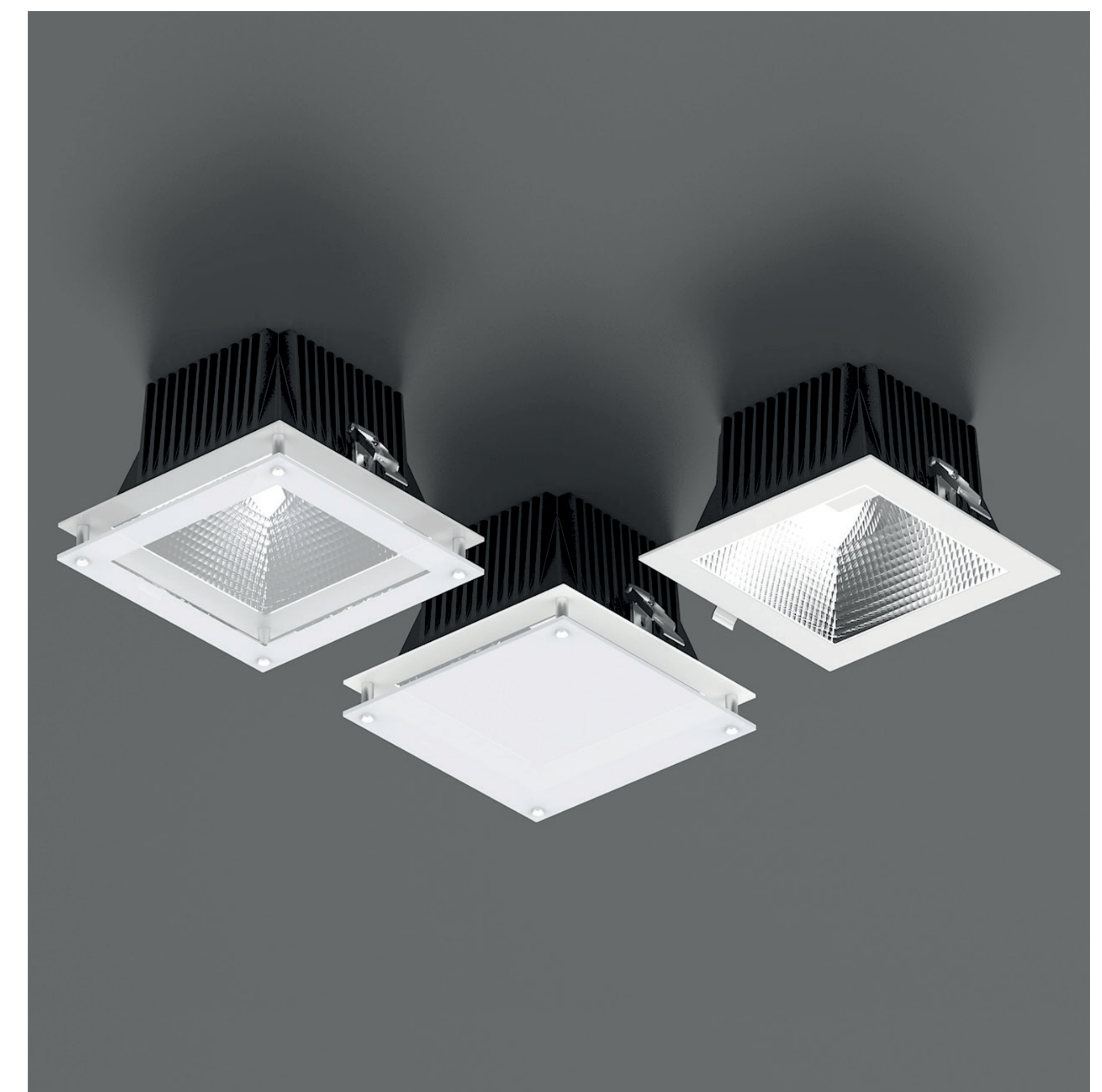
Ultrathin Track System  
Multipurpose installation to  
address various application limit







# Professional Recessed Light



**Prim@tek**





DMX

Bluetooth®

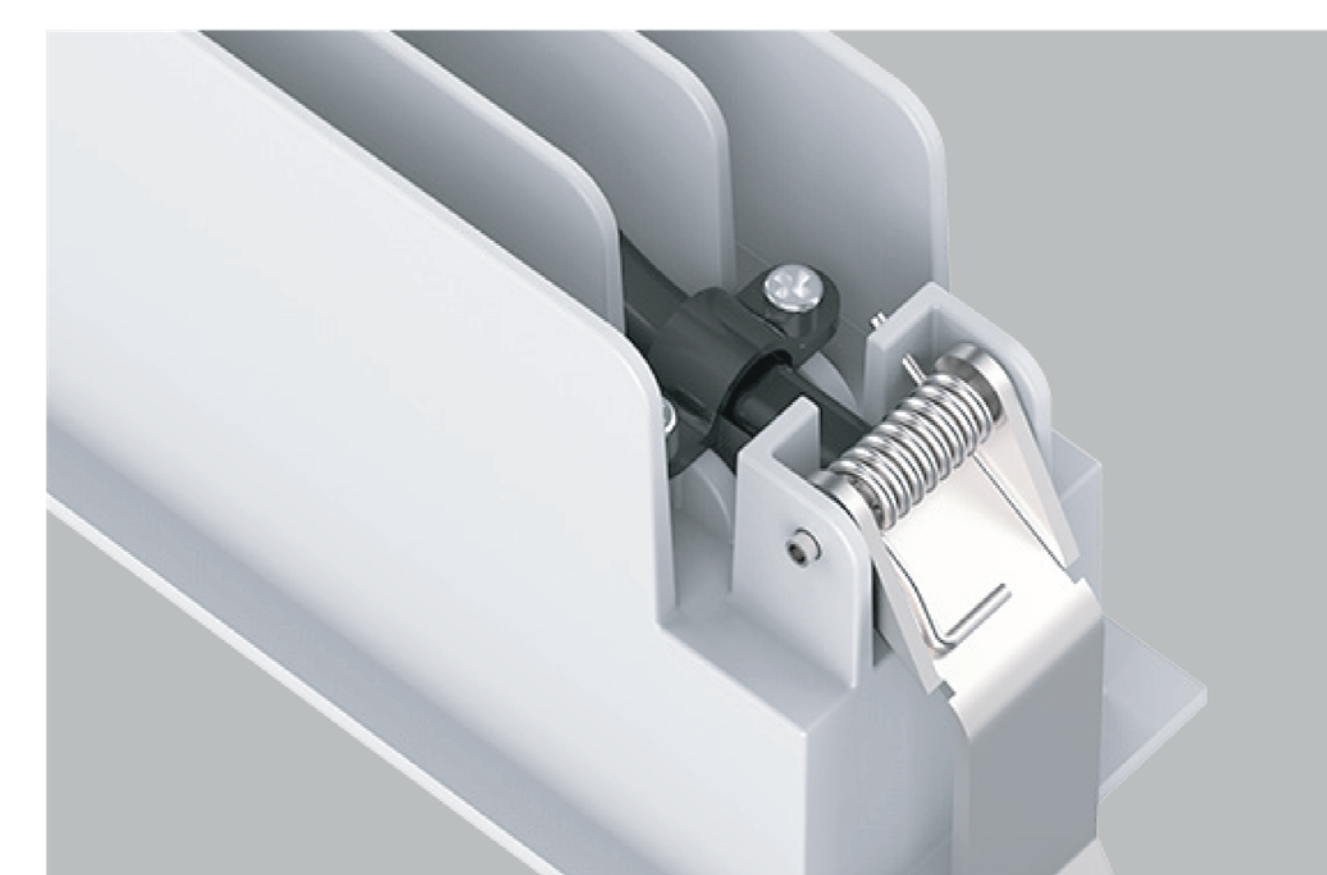
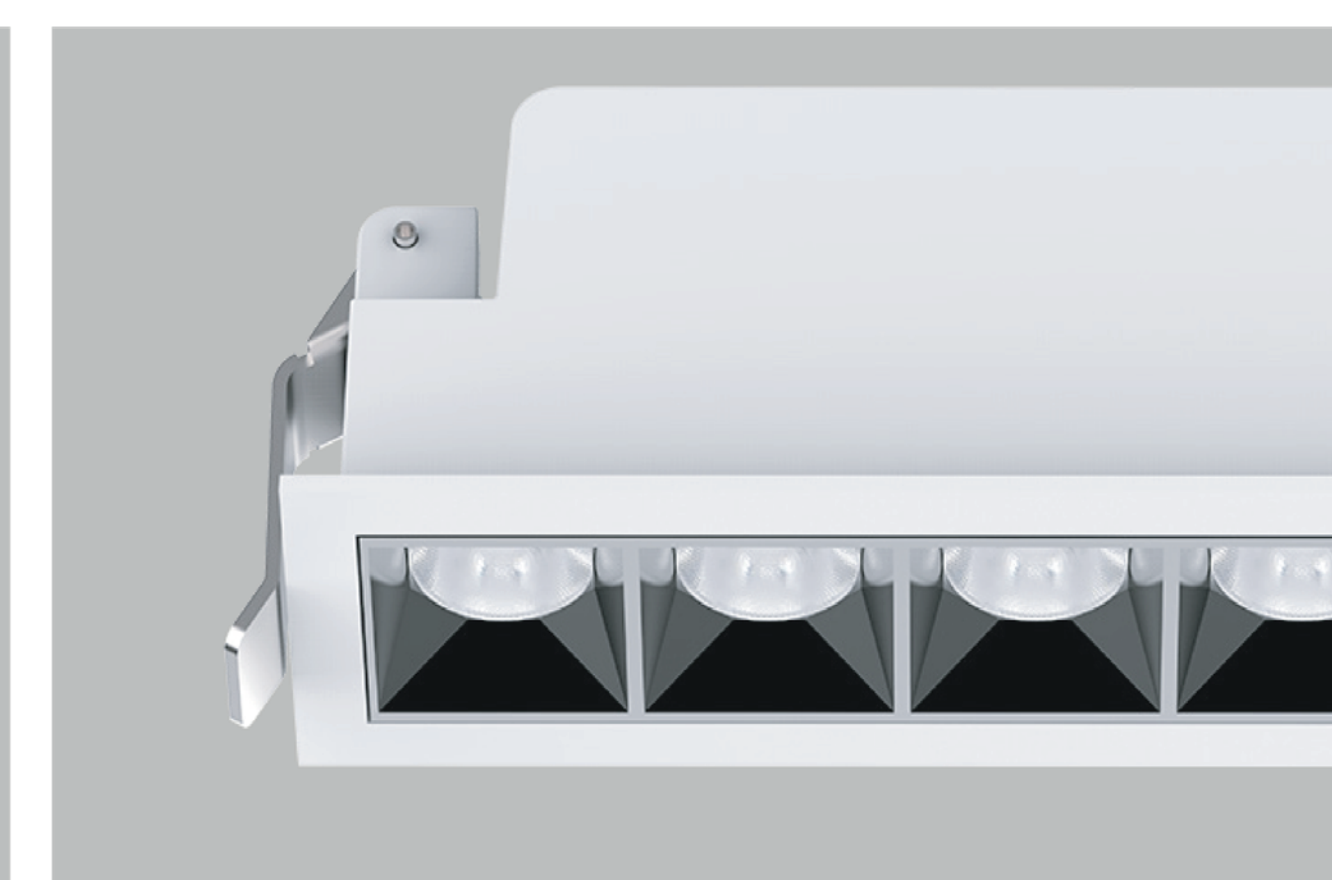
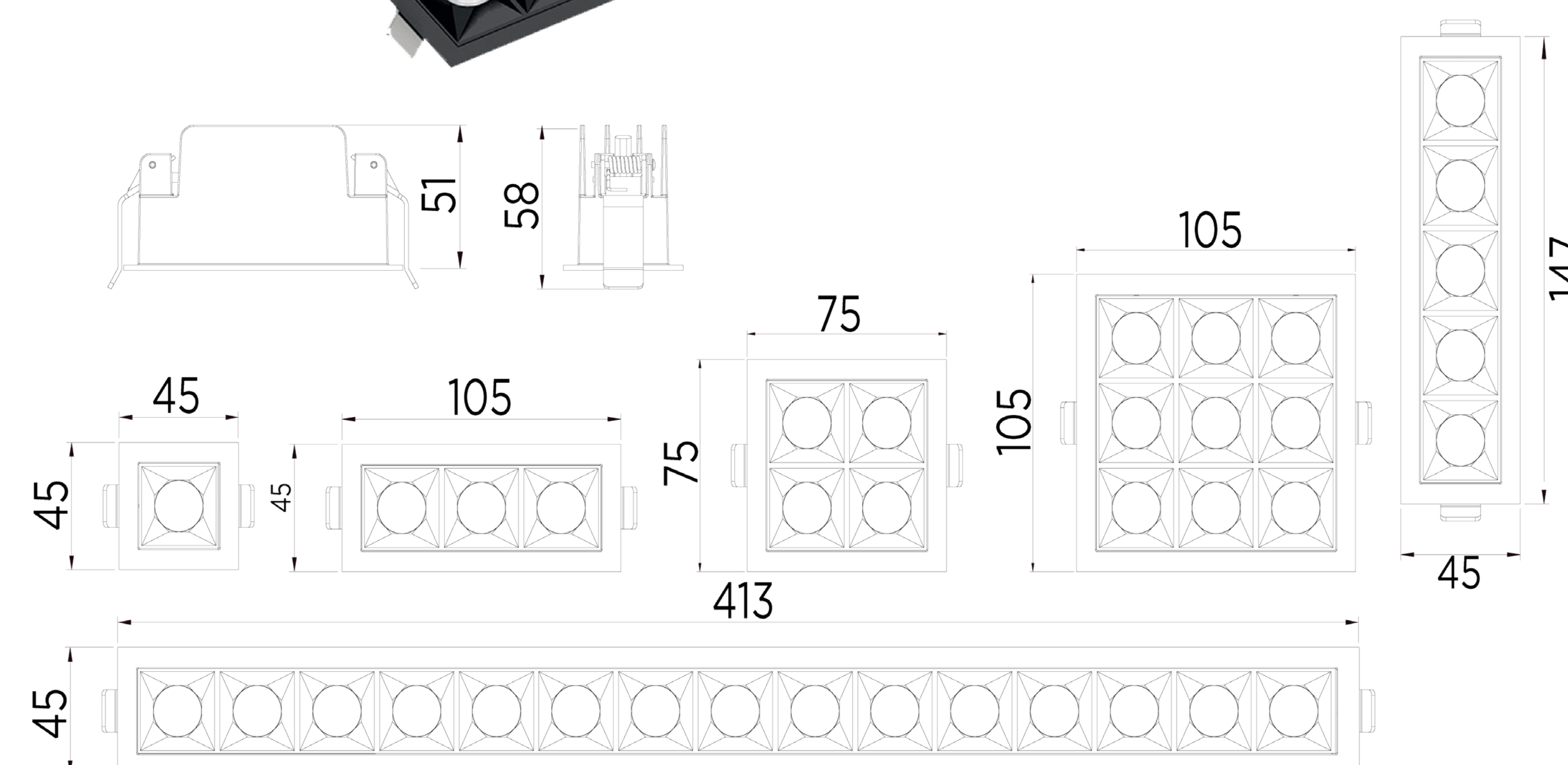
zigbee  
certified  
product

CASAMBI

# Prim@tek



- Venezia-S LED**
- Special symmetrical beam: 15°/36°.
  - UGR<19, Ra>90, SDCM<3.
  - Bridgelux SMD light source.
  - White or Black finish.
  - External anti-flicker driver.
  - Dimming options: DALI / ON-OFF







DMX

Bluetooth

zigbee  
certified  
product

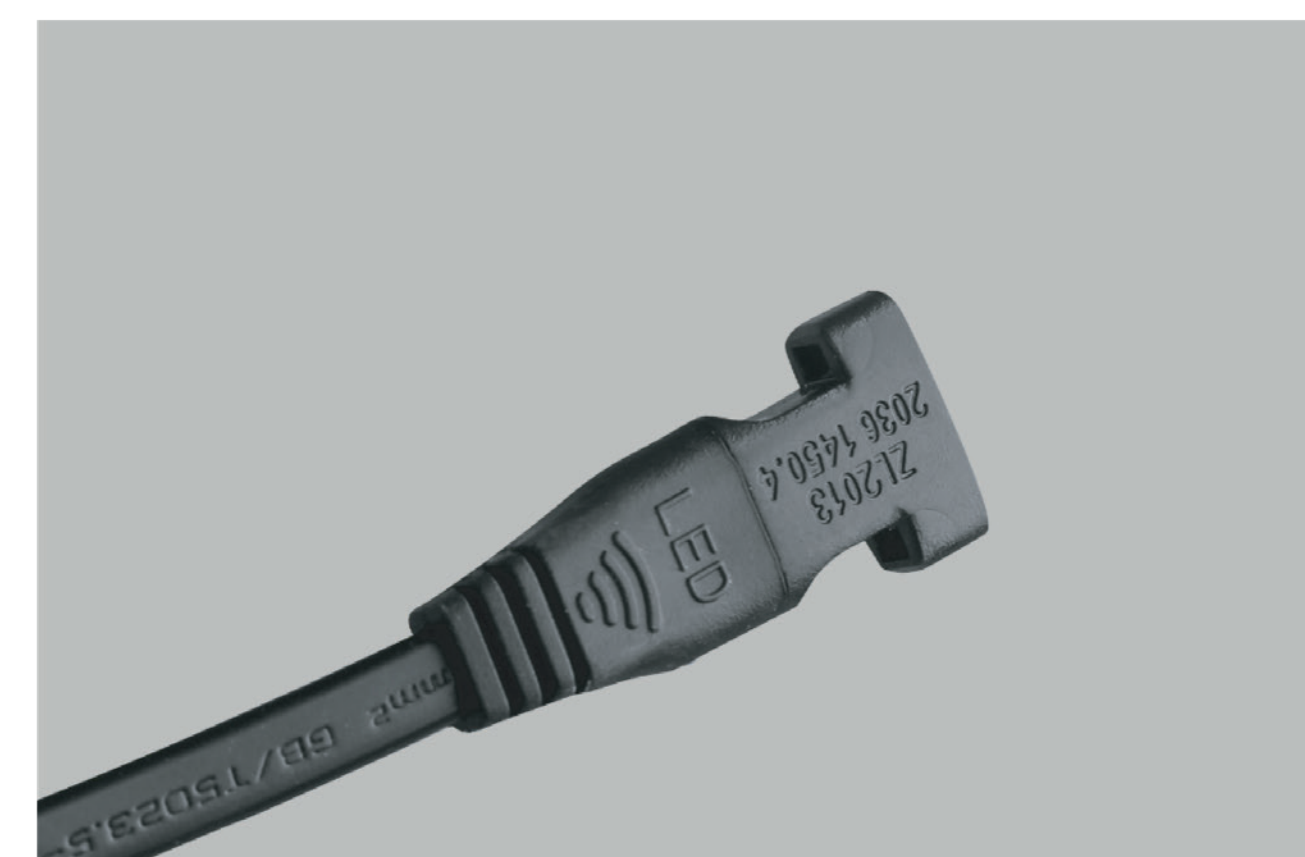
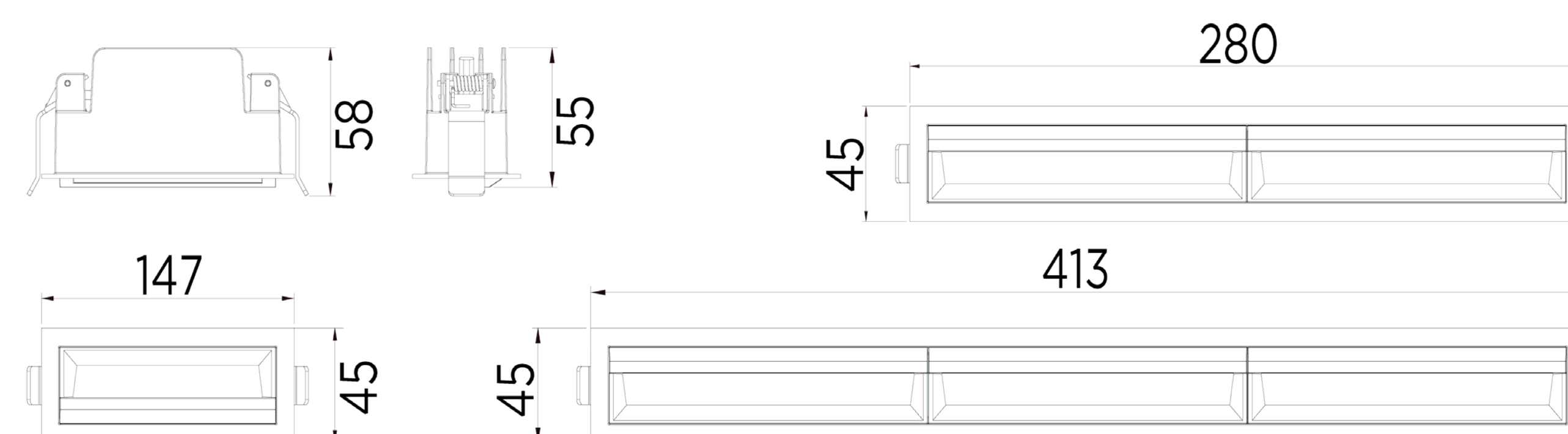
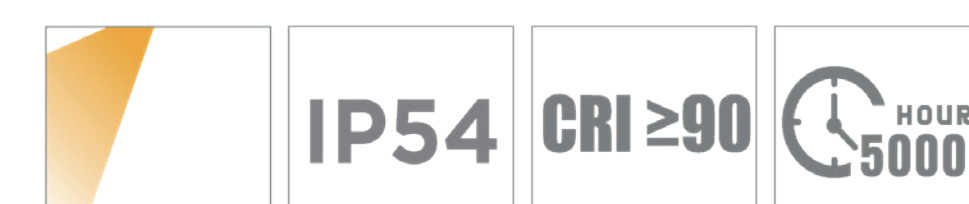
CASAMBI

Prim@tek

# VENEZIA-A LED

## Venezia-A LED

- Asymmetric beam 70°x 90°x 10°
- Bridgelux LED Light source
- White or Black Finish color.
- External anti-flicker driver.
- Dimming options: DALI / ON-OFF



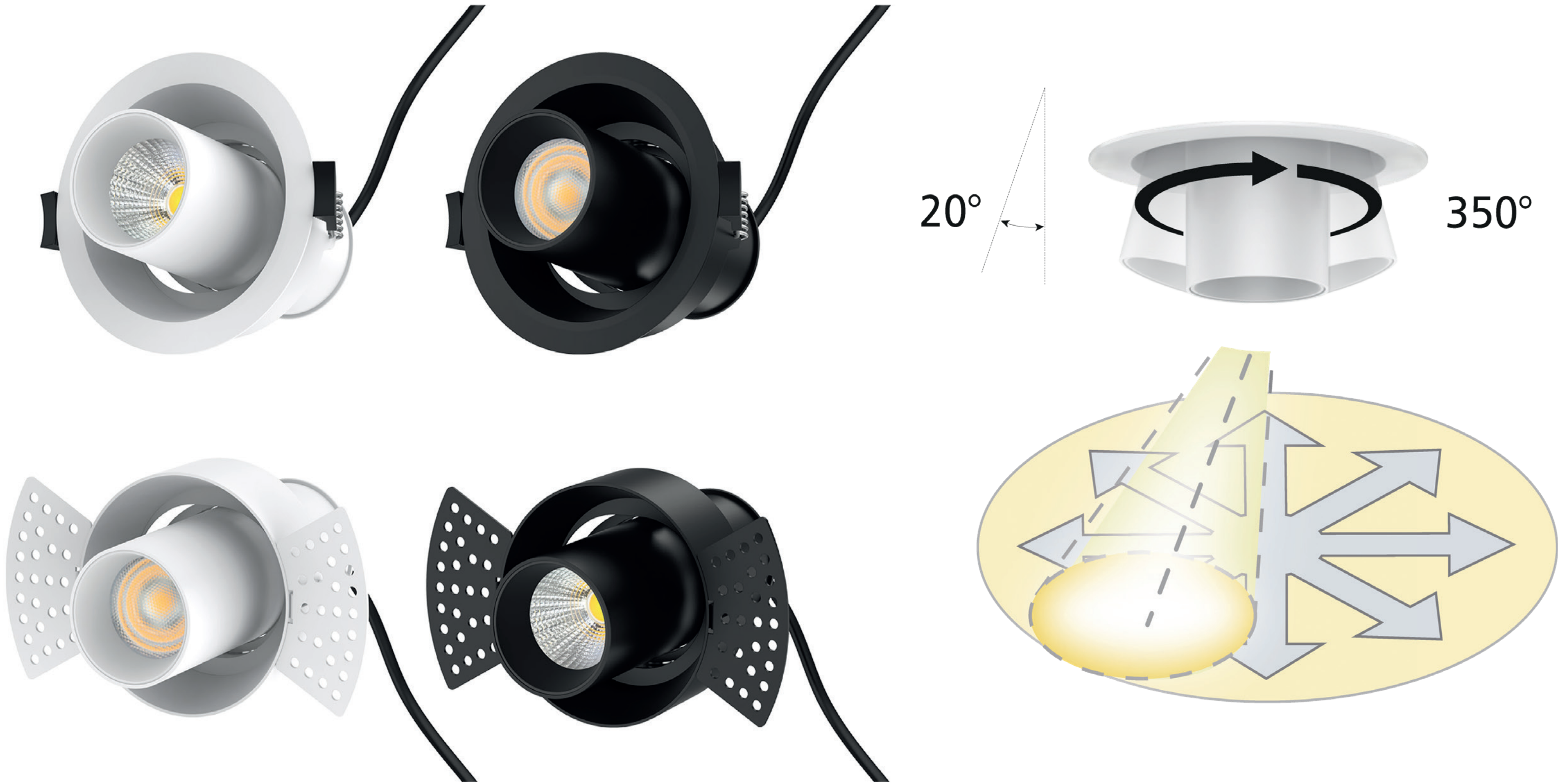




SPY-LED



IP54	CRI ≥90	HOURS 50000	20°	24°	30°	36°	45°
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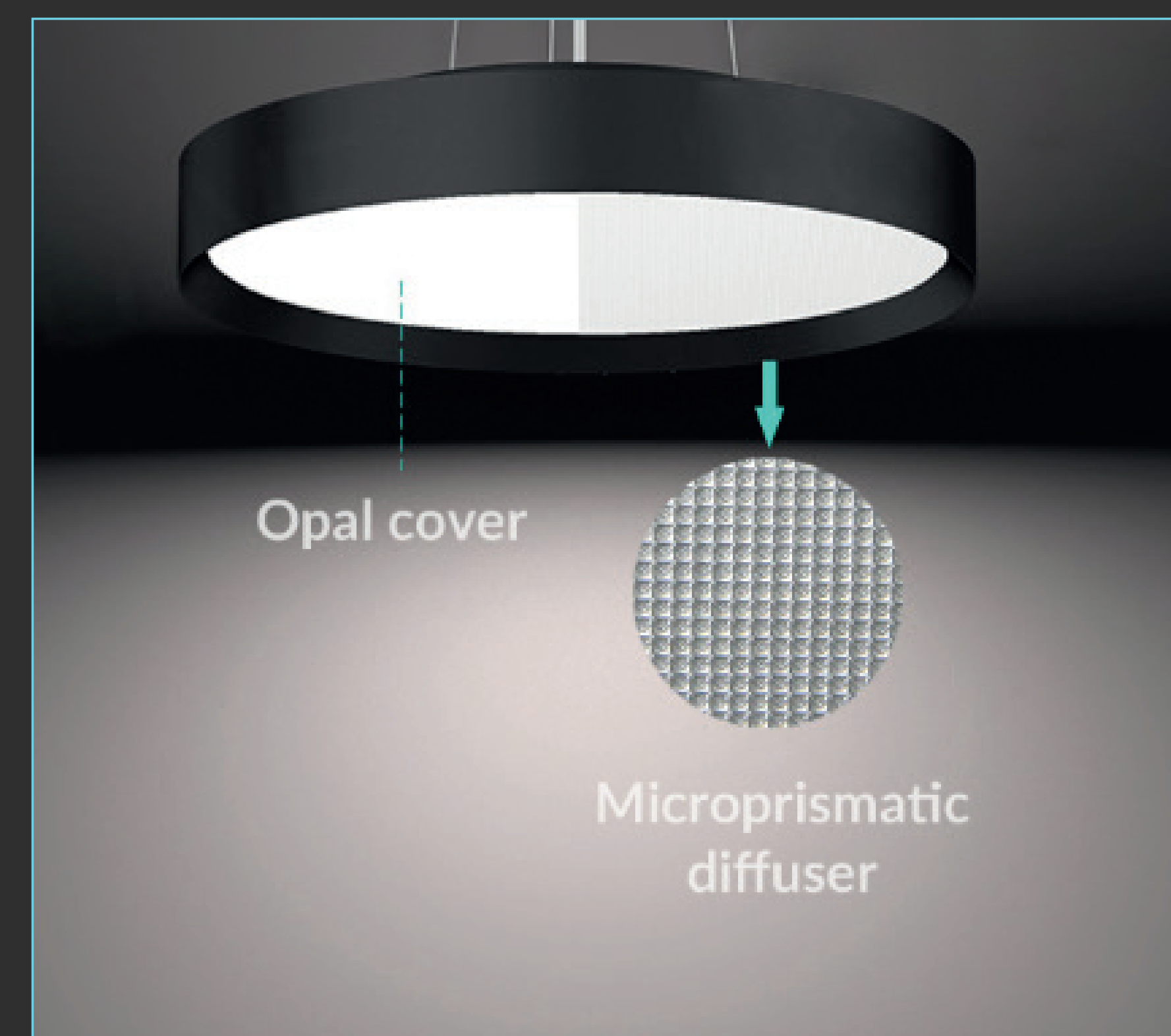
## AURA-LED

AURA-LED ceiling light is a big size with up & down lighting design.

It's adopted high lumen LED module light source, larger lighting area and low glare design make a softer and uniform light output.

AL6063 aluminum housing provides an excellent thermal management. Size options: 400mm, 600mm, 800mm, 1000mm.

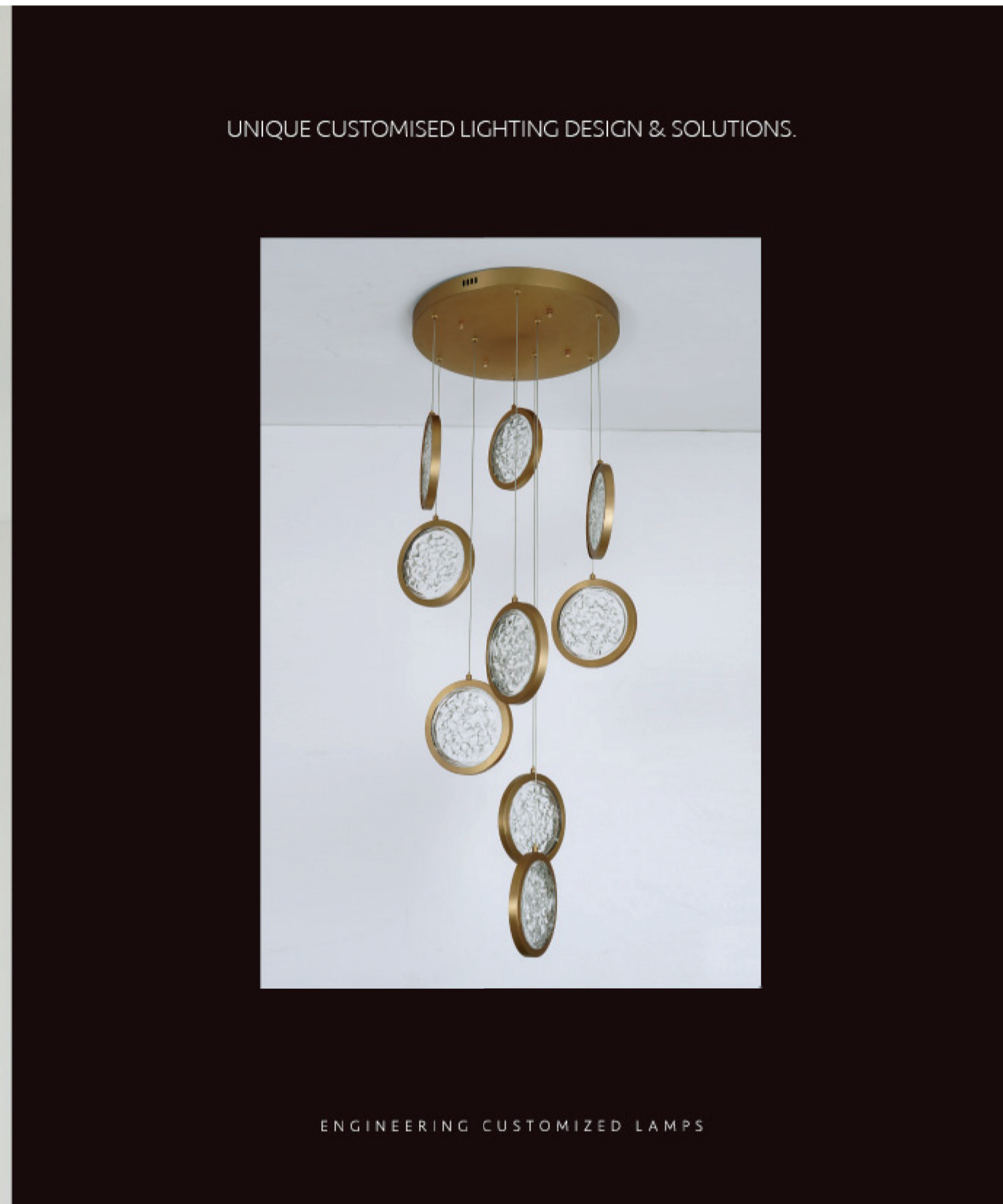
It can do CCT adjustable and wattage adjustable, multiple installation ways available which meets more application demands.





# Prim@tek

## Classic Light



**HIGH-END LIGHTING SERIES PRODUCT CATALOG**  
UNIQUE CUSTOMISED LIGHTING DESIGN & SOLUTIONS.







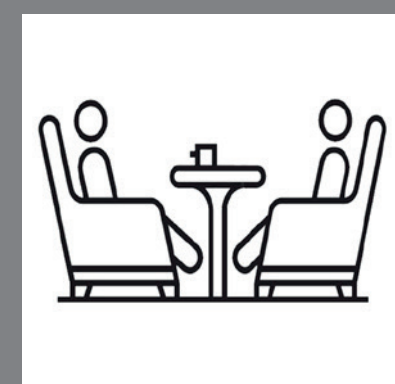
## The Window of Natural Light

Light panels with synchronizable light with tailor-made shape



## Natural Relaxing Lighting

well-being starts from light



## Window of Natural Light

This project features a trimless recessed ceiling panel depicting a blue sky with light white clouds. This solution uses:

- Backlit LED technology with a high-efficiency LED matrix, an opal diffuser, and high-definition printing on a translucent substrate, for uniform illumination without visible light points.
- Realistic and relaxing effect. The blue sky with clouds creates an opening effect towards the outside, enhancing spatial perception and a sense of psychophysical well-being indoors.
- Adjustable color temperature (Tunable White + RGB). The light varies from 3000K (warm) to 6500K (cold) with RGB light for light saturation, thus simulating the natural day cycle and promoting the user's circadian rhythm.

- Materials and installation: Anodized aluminum frame with minimal thickness for flush-ceiling installation. Expandable modular system. Surface printed with high-resolution, UV-resistant images.

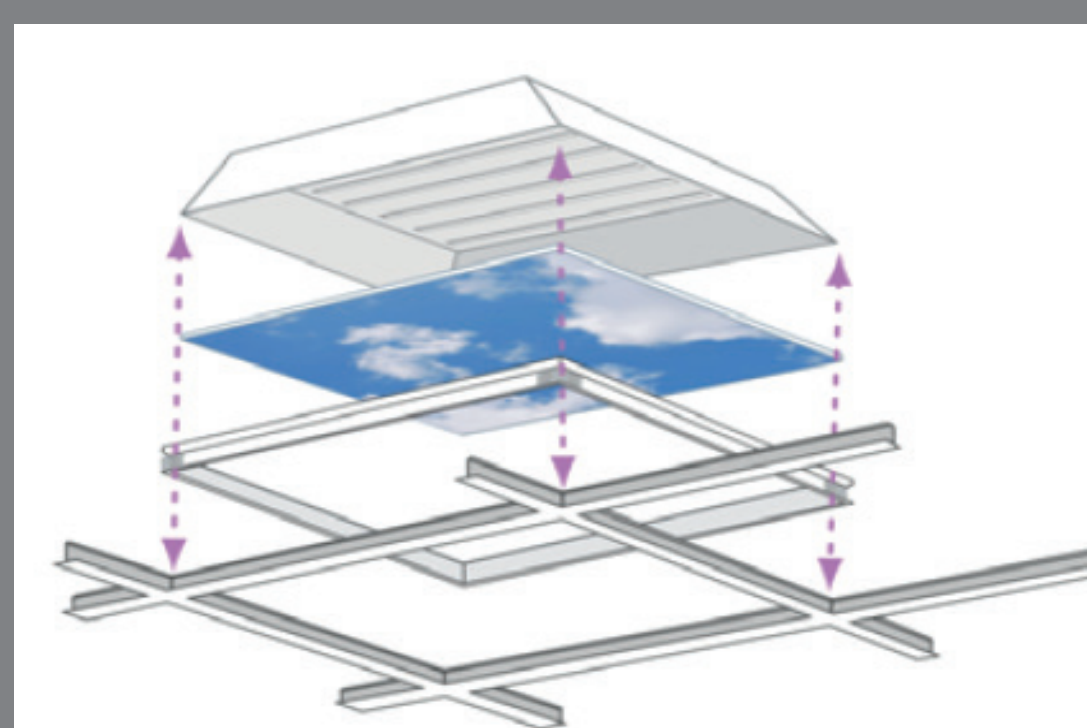
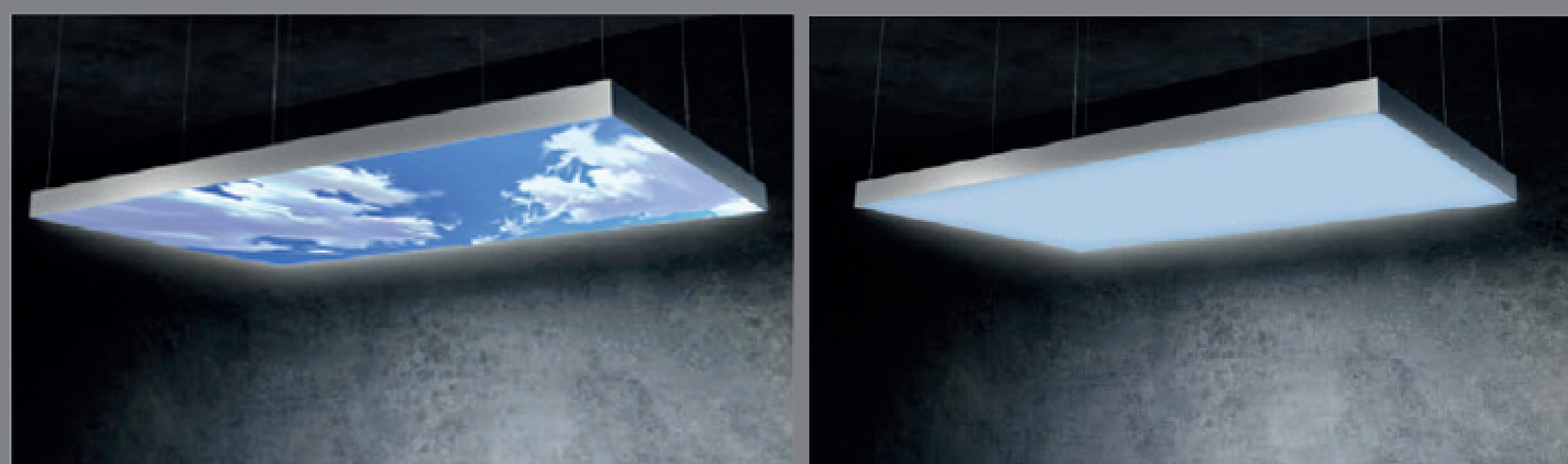
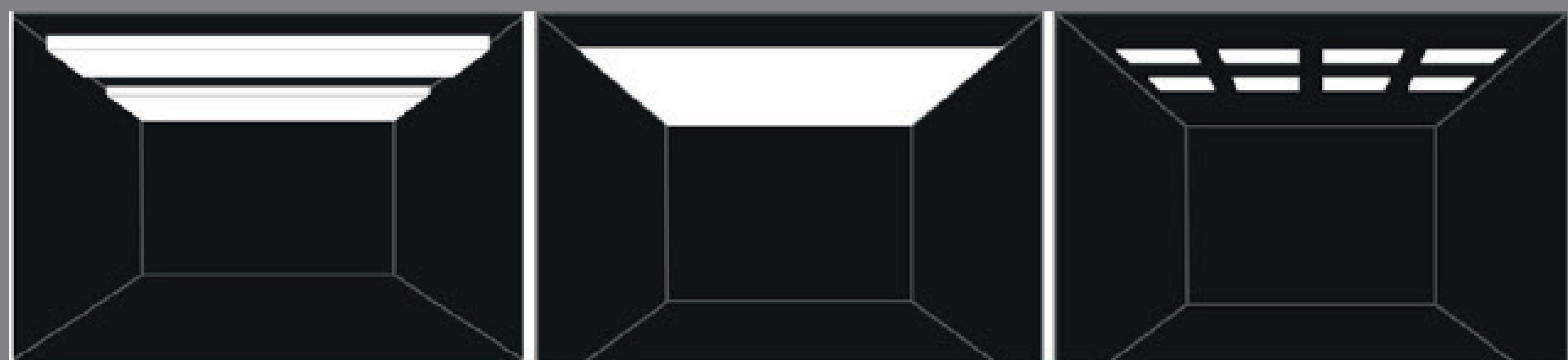
- Ideal applications: Waiting areas, entrance halls, medical offices, open-plan offices, and wellness areas, where artificial light combines with a natural image to reduce stress and feelings of claustrophobia.





## The Window of Natural Light

Light panels with synchronizable light with tailor-made shape



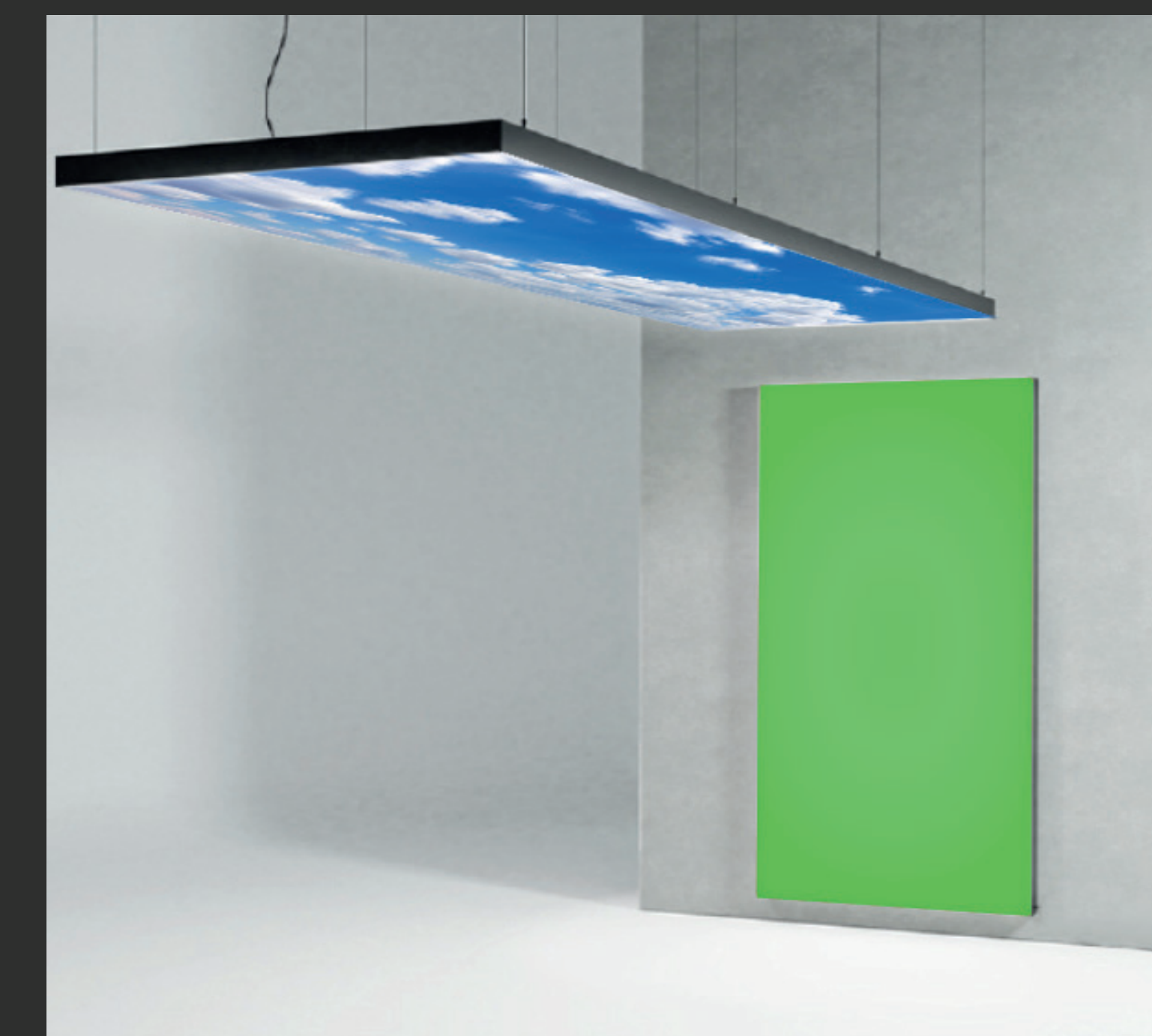
## Installation Method

Surface / Suspended / Ceiling integrated / Recessed / Mosaic



Circadian LIGHT / Tnnable white / RGBW / Single color


- Every step, from design to installation, is designed for a simple design.
- Changing the shape of the lighting doesn't mean complicating it.
- Enhance spaces while saving on running costs.
- Change the hue of spaces based on the time of day.
- Customize the images of your lighting.
- Interchangeable images.
- Dust-proof, mosquito-proof, moisture-proof.







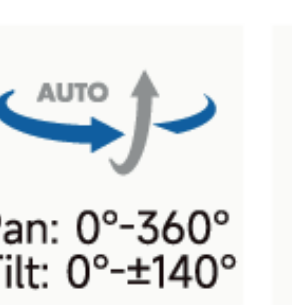
# Light at your fingertips

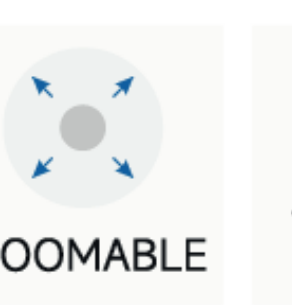
Prim@tek


 COB


 CRI 90+


 CASAMBI WIRELESS

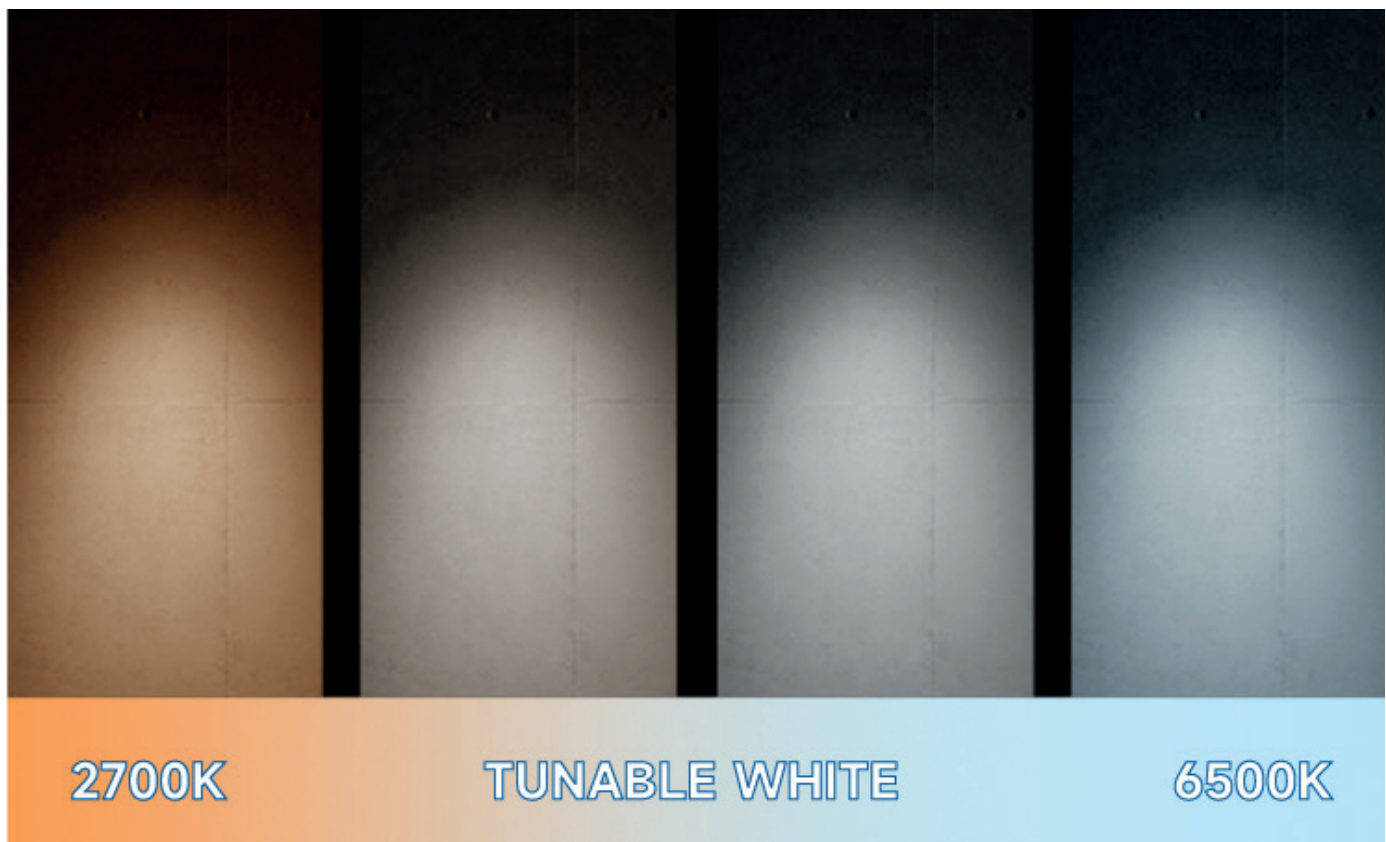
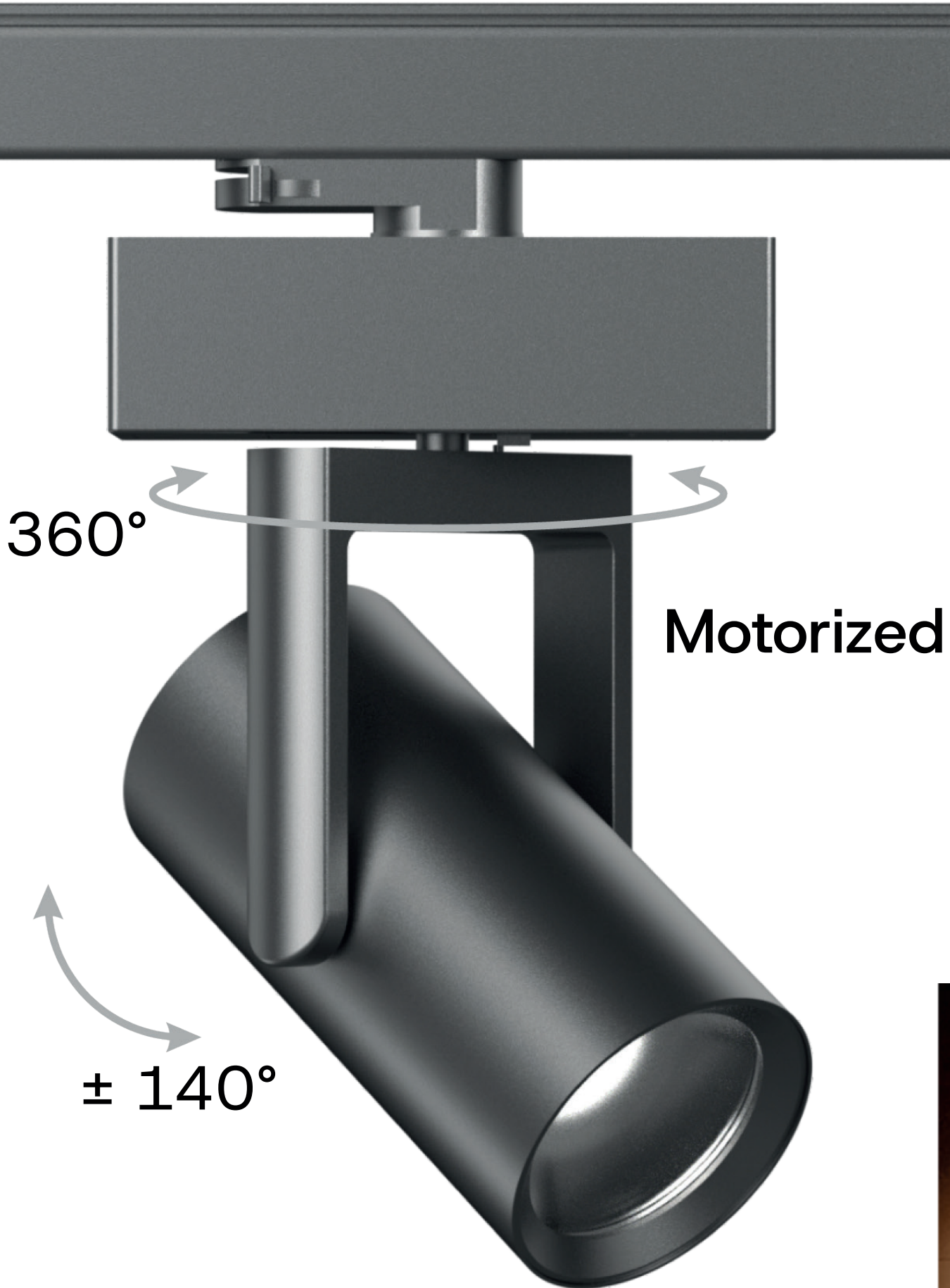
 Pan: 0°-360°  
Tilt: 0°-±140°



 ZOOMABLE

 TUNABLE WHITE

 DIMMER

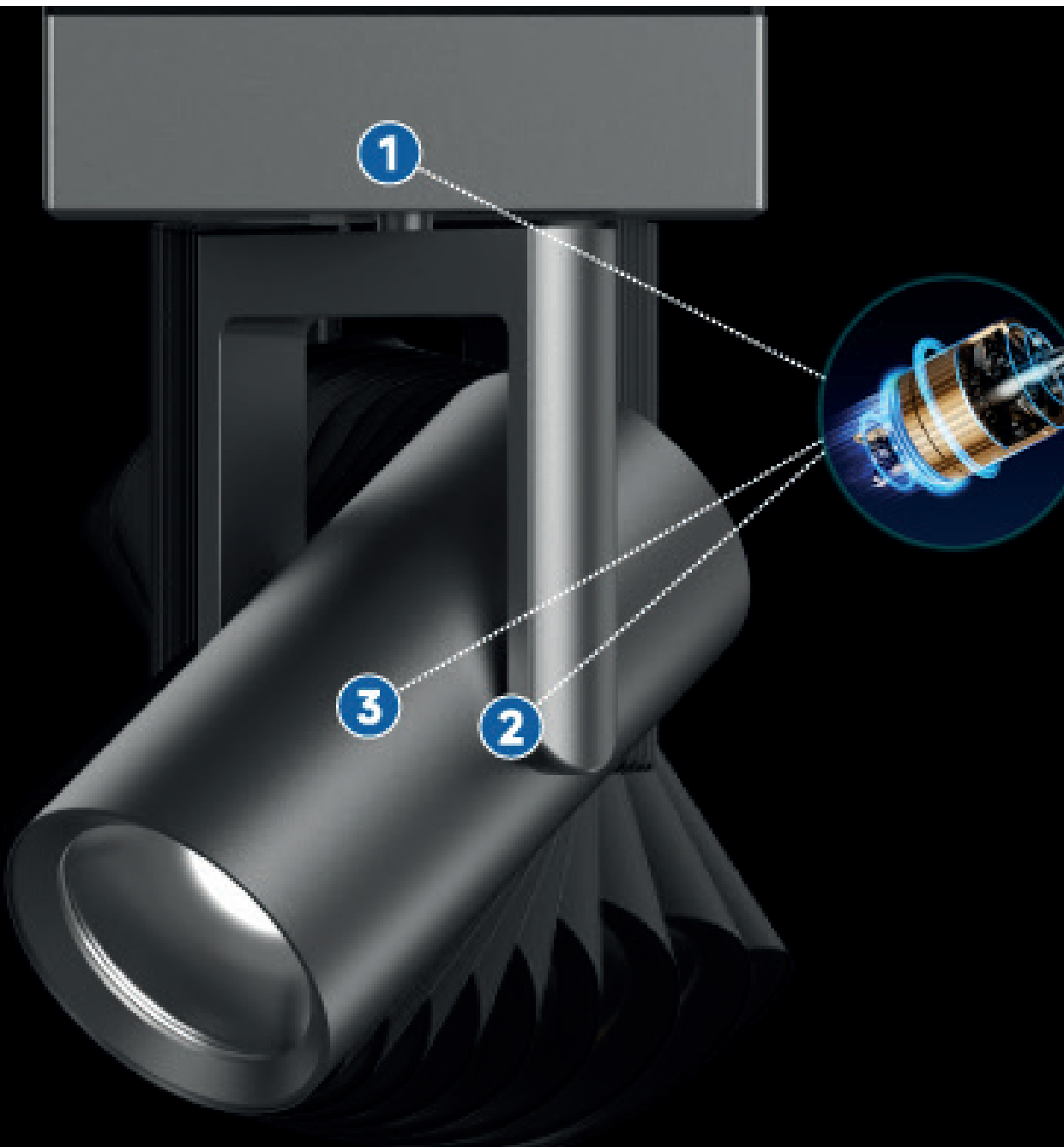
 PF >0.90



-  **Fast Movement**  
Pan: 30°/s Tilt: 40°/s
-  **High Precision Positioning**  
Pan and Tilt <1.5° per move
-  **Silent Movement**

## Precision Step Motor

Different from the traditional gear structure design, 3 DC motors drive the movements of the fixture, It allows to precisely control with fast 40D/S adjustments coupled with low noise and high speed operation.



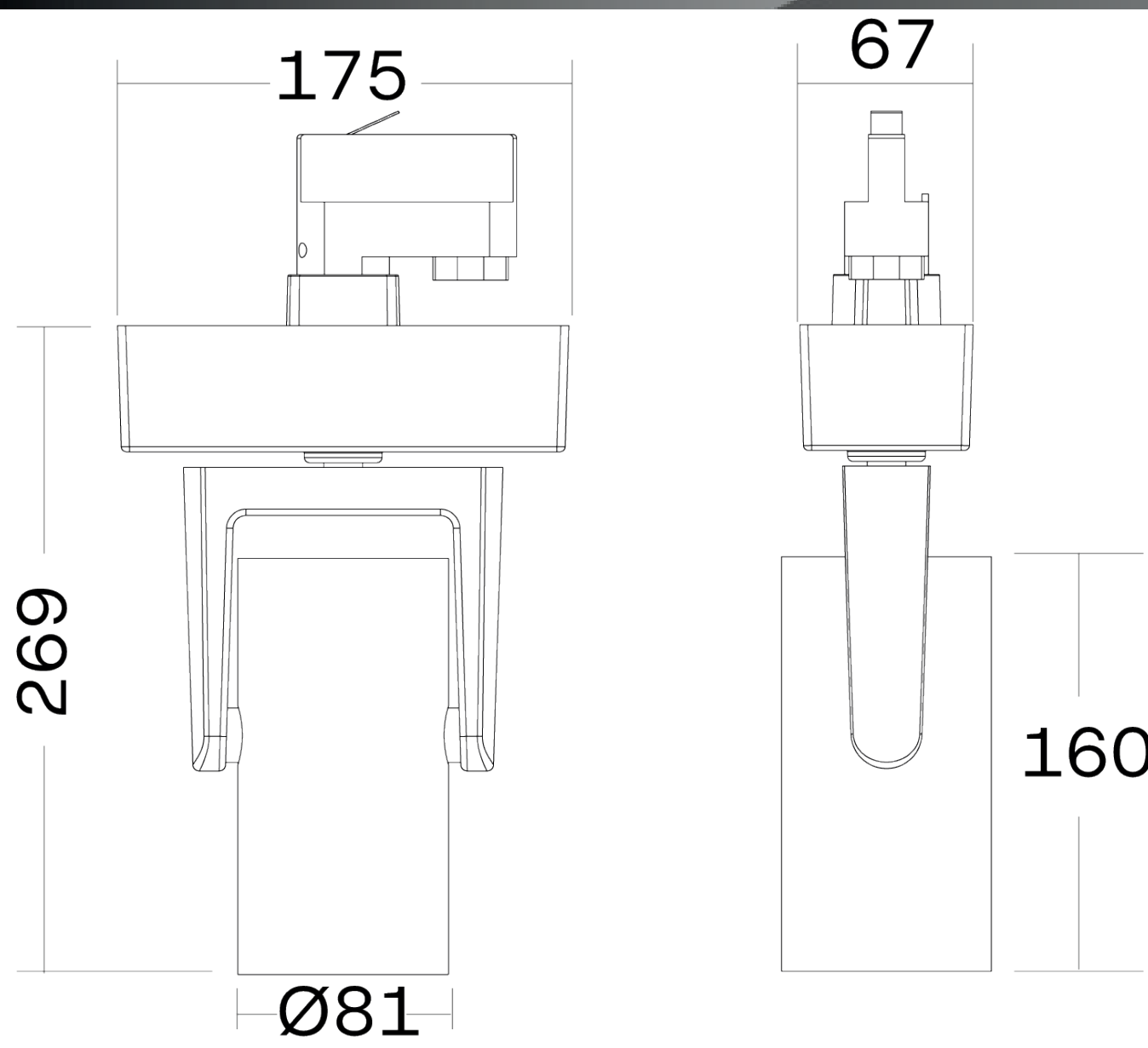
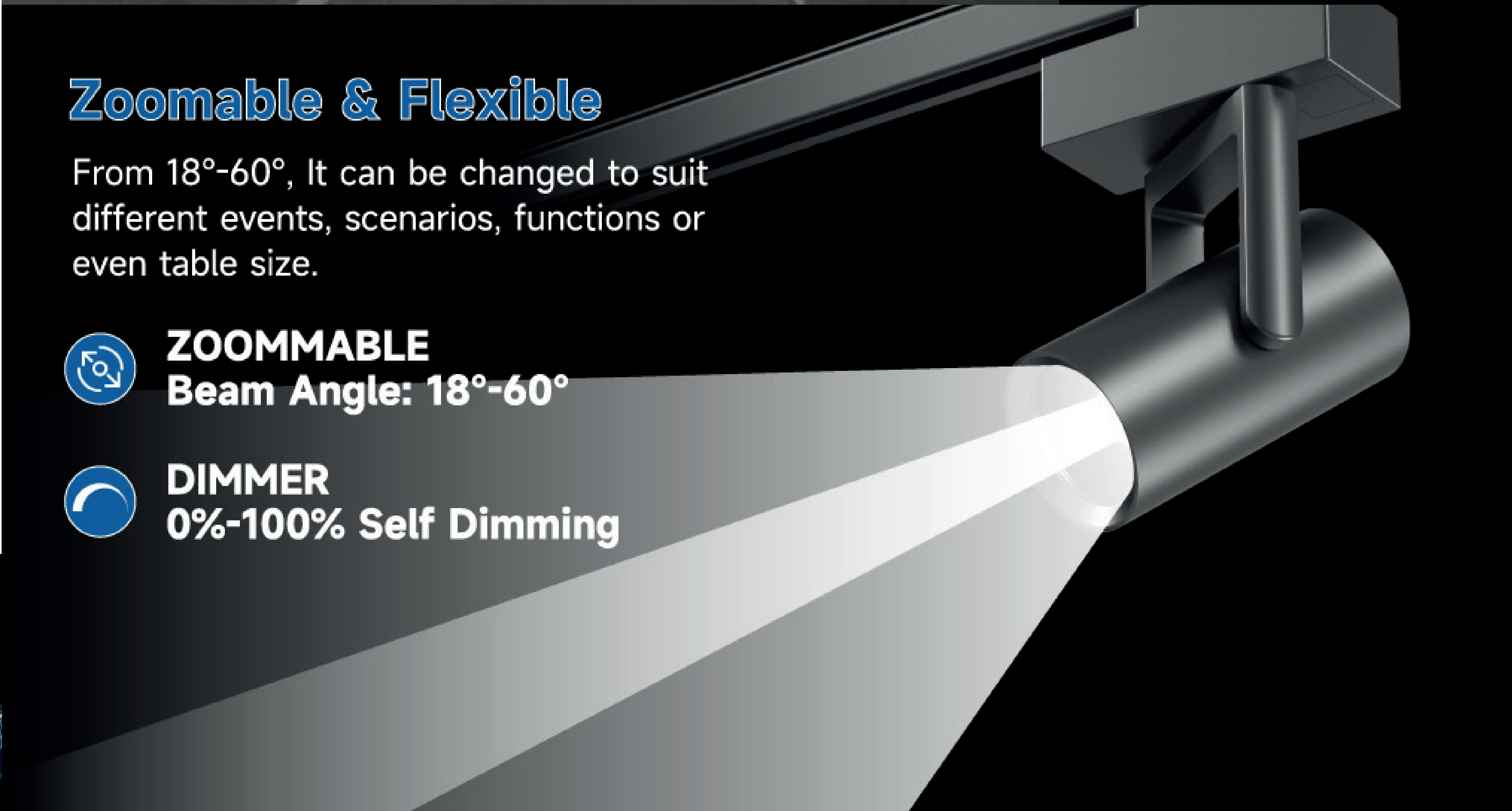
## Application






The Motorized Track Light series is the ideal solution for museum and retail application. The fixture enable users to focus on a narrow to wide spot at the touch of a button. Application areas: retail, museums, hospitality, offices.

## Zoomable & Flexible

From 18°-60°, It can be changed to suit different events, scenarios, functions or even table size.

-  **ZOOMMABLE**  
Beam Angle: 18°-60°
-  **DIMMER**  
0%-100% Self Dimming



-  Highly precise positioning
-  Easy and Fast configuration
-  PAN/TILT/Zoom/CCT/Dimmer
-  Preset scenes with memory
-  Silent movement



# Prim@tek

## Mini-Profile LED

in the center of the light



Mini-Profile LED is an innovative, small-sized projector with a shaping of the light beam and possibility of projecting images and writings (with accessory not supplied). The optics consist of a lens for precision focusing. Mini-Profile LED has a modern but at the same time professional design. The ease of use, the clear projection of the shape with a very bright and uniform beam in a compact, resistant and lightweight body allow the use of Mini-Profile LED in multiple applications. Profile LED is designed to be used inside showrooms, museums, restaurants, places of worship, art galleries and in all those situations where the proportions and bright prominence are an important factor. Available in versions with track attachment or with fixing base. The finish can be requested black or white. ON-OFF control or DALI dimmable. Equipped with high quality standards of the light source and CRI97 color rendering in all shades of white. Available in versions with 2700K / 3000K / 3500K / 4000K / 5700K color temperature with selected binning.



## CADY-LED Light to city



**Prim@tek**

### C A D Y - L E D

We expand the dimensional range with the new CADY-LED slim wall washer version with body dimensions of only 35×50 mm, even more miniaturized, expanding versatility in both urban and residential environments. High power with small dimensions and multiple applications with modular models of three dimensions to facilitate the lighting of any geometric shape. The possibility of powering and controlling multiple wall washers between them reduces the components and facilitates maintenance. Wide range of efficient optics, with a wide range of angles for a perfect effect, high luminous flux and homogeneous brightness.

The new optical technology is characterized by very high efficiency and a multiplicity of light distributions, with ellipsoidal, asymmetrical optics, very narrow angle, medium and wide angle, for lighting facades, columns, perimeter walls, towers, bridges, historic and modern buildings. Finally, CADY-LED is available in four color temperatures, starting from 2700K, RGB version, RGBW and TW versions for both static and dynamic scenographies.

CADY-LED control can be on-off or DMX with RDM functions with which it is possible to choose the operating personality, such as the subdivision into 4 pixels for the CADY-LED 100 model and into 2 pixels for the CADY-LED 50 model, therefore it is also possible to assign the DMX starting address remotely and control its status.

Prim@tek



Black



Anthracite



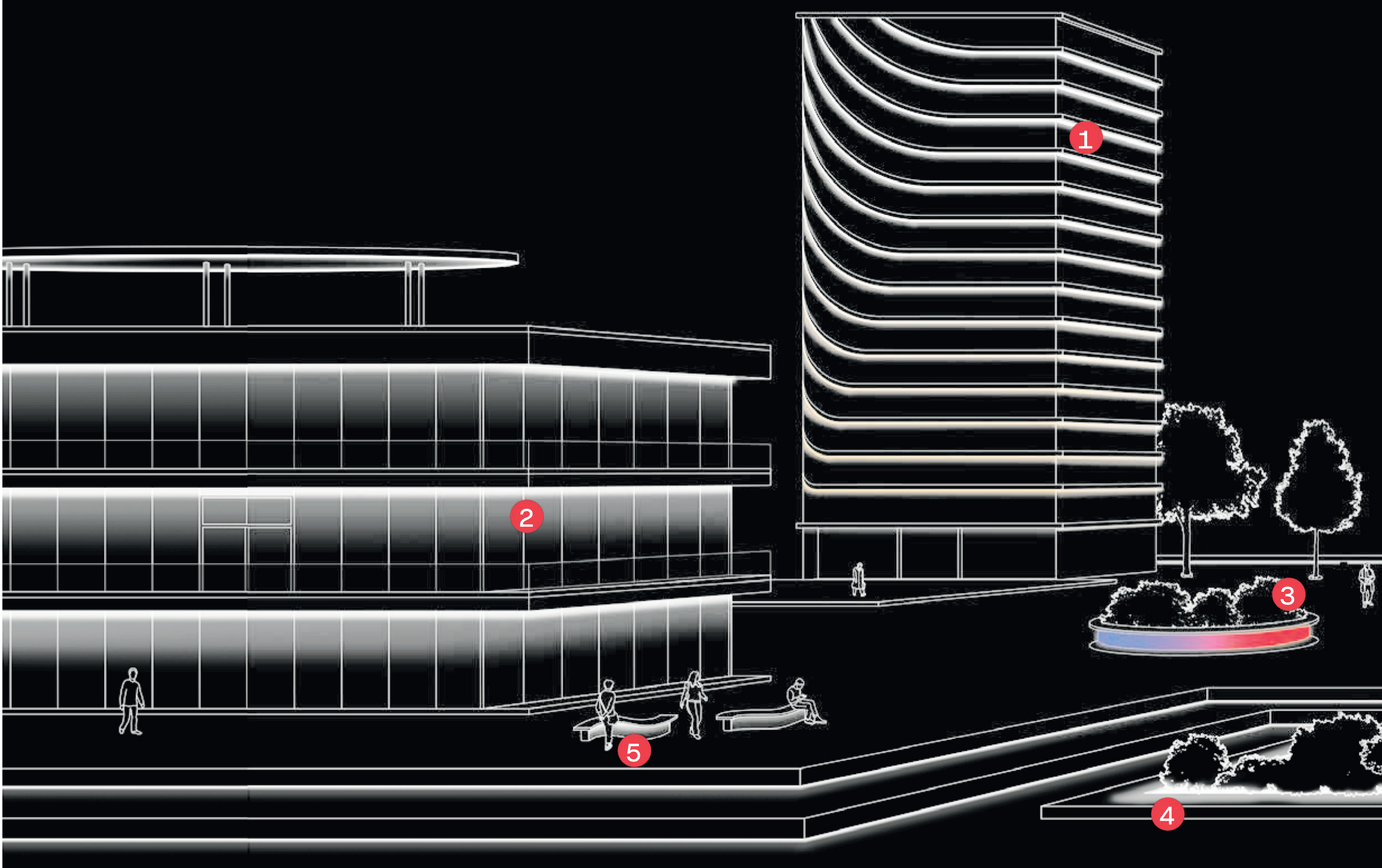
Light Gray



White



Light that enhances architecture:  
CADY-LED highlights, shades or colours the scene,  
of any architectural form.



## Applications and Installations

- 1 Continuous lines of light to follow the curved shape of the elements of the facade, creating dynamic shades of RGBW, TW or white light to give the architecture a nocturnal atmosphere. **Installation:** CADY-LED of different sizes based on the curvature of the building's niches.
- 2 Continuous linear light line to enhance the depths of the planes and illuminate with a grazing effect the vertical surfaces in a delicate and fade mode. **Installation:** linear with a wall washer effect from top to bottom.
- 3 Curved light line with direct downward emission formed by series of CADY-LED 30 positioned under the seat to create an effect of lightness and playfulness by varying the colors. **Installation:** with adjustable brackets in the lower parts of the raised elements.
- 4 Line of light as a border between a horizontal wall and vertical vegetation with upward emission. **Installation:** with adjustable brackets on the internal vertical part of the wall.
- 5 Curved light line with direct downward emission positioned under the bench seat to create a particular floating effect, to highlight the urban furniture element. **Installation:** with support brackets integrated into the part under the seat

**Prim@tek**

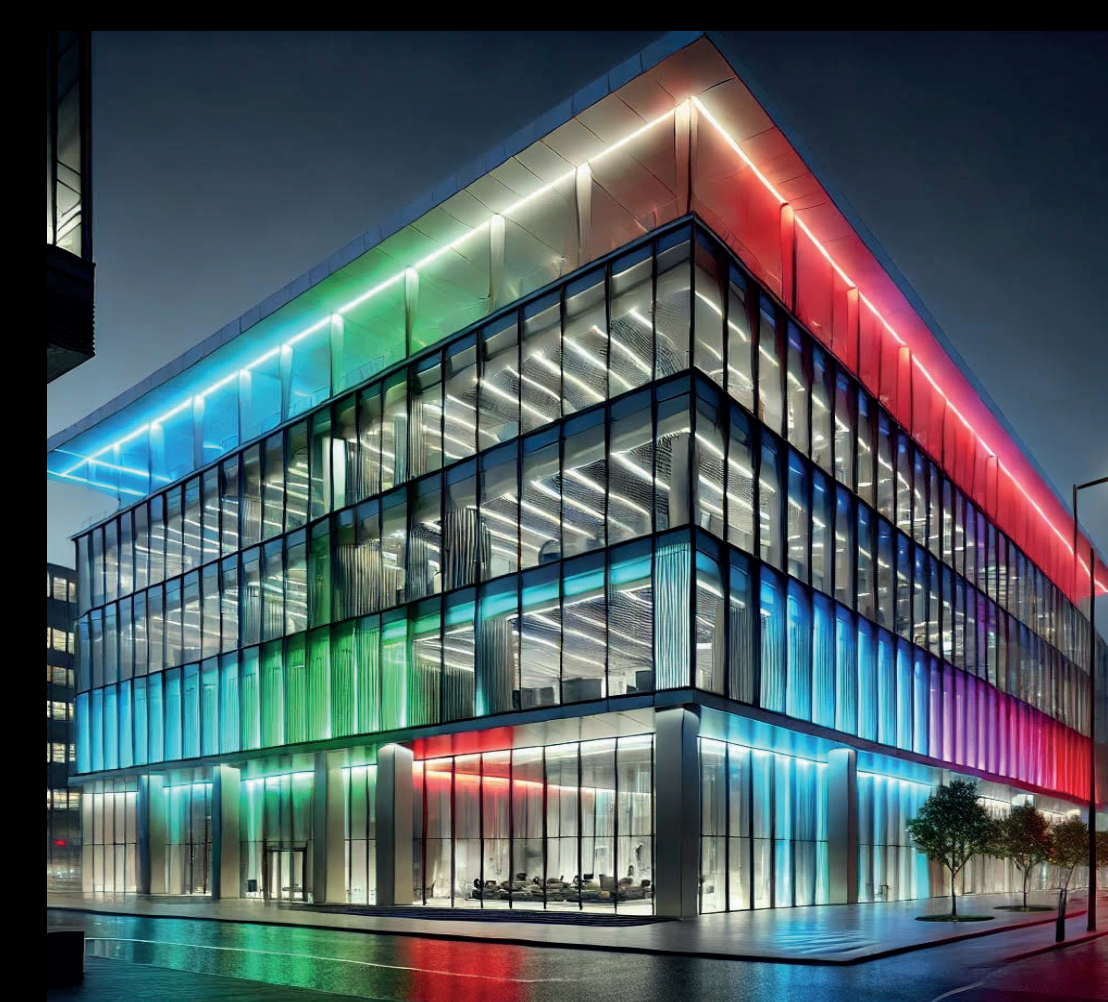
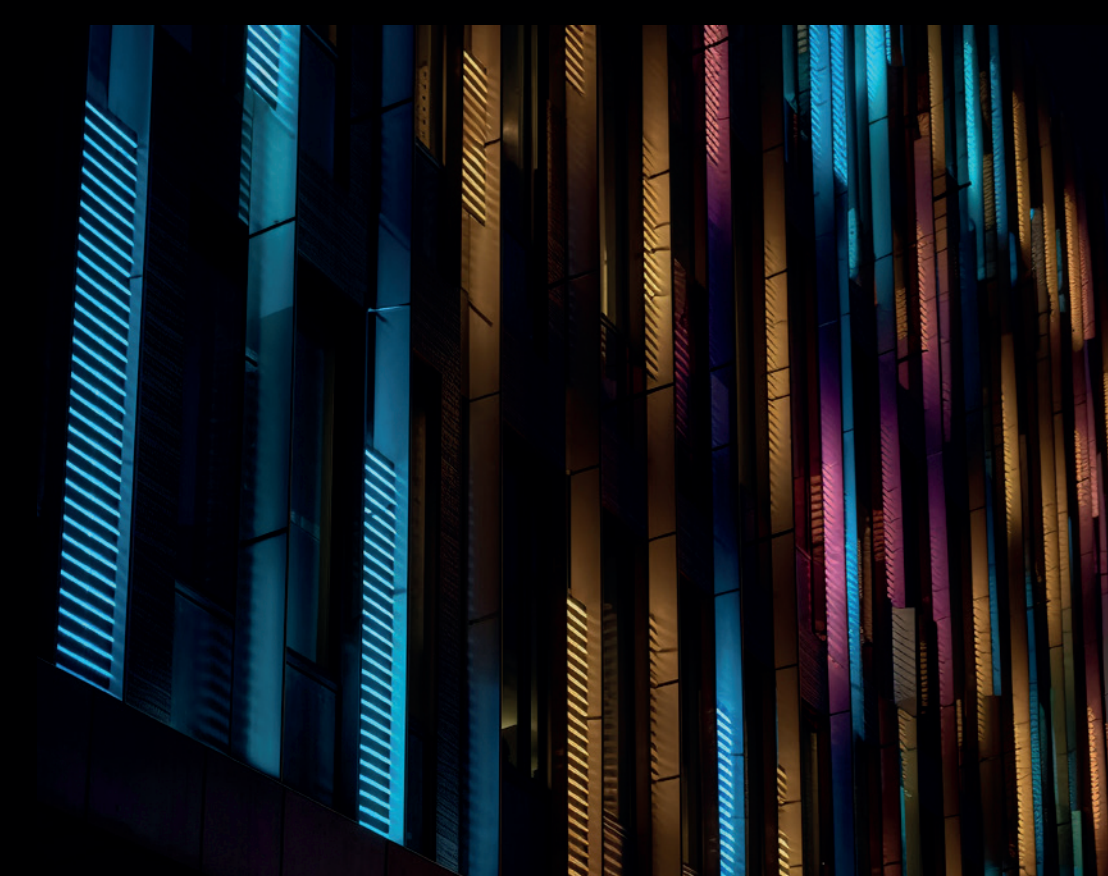
**Prim@tek**

CADY-LED modular linear light

RGB / RGBW / TW versions  
DMX-RDM for setting and control

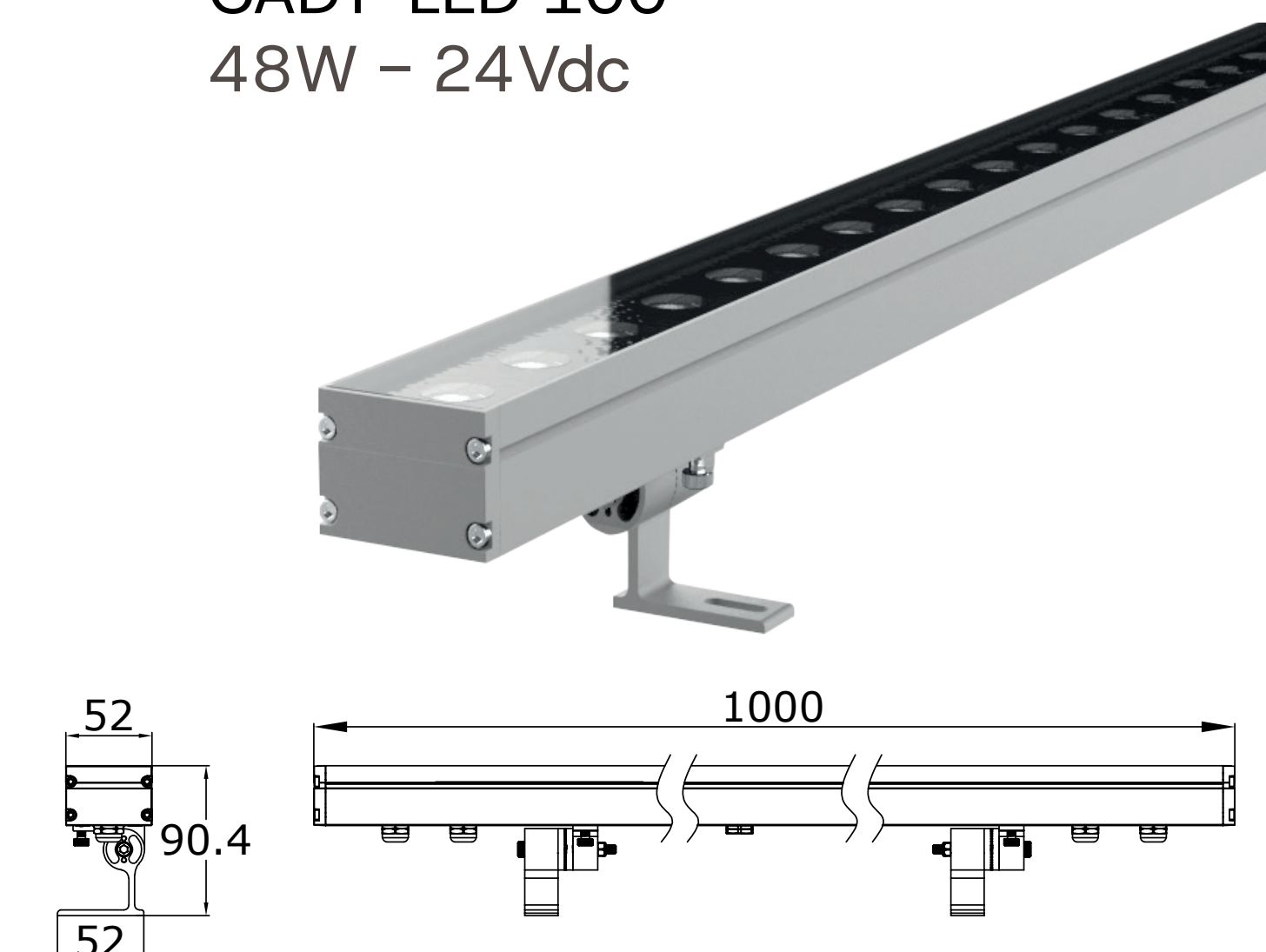
Four selectable operating personalities for different control needs with effects from color mixing to pixel control color mixing.

Single color versions.  
setting and Dimmable with  
DMX / DALI / DALI-2 / On-Off

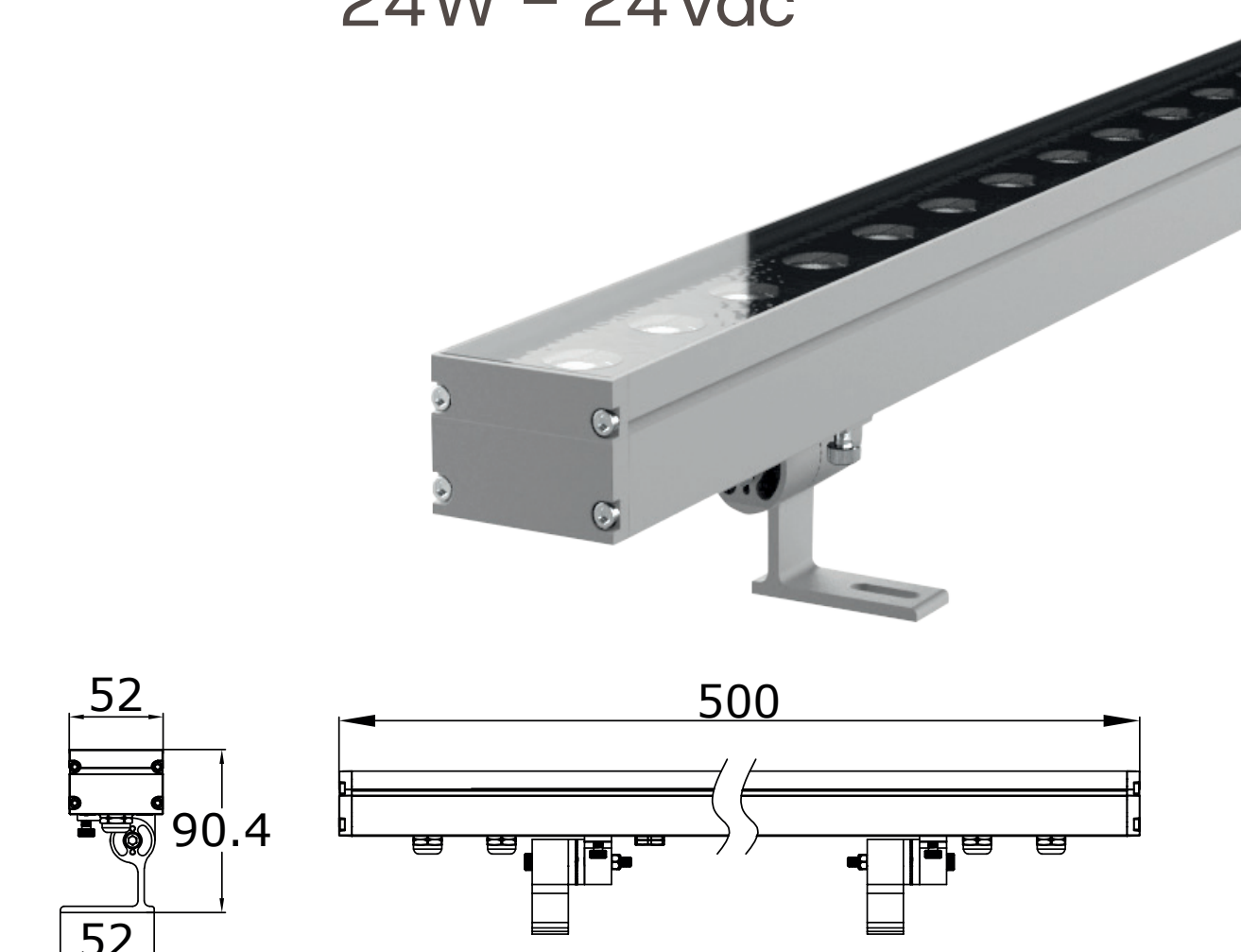


## CADY-LED SERIES

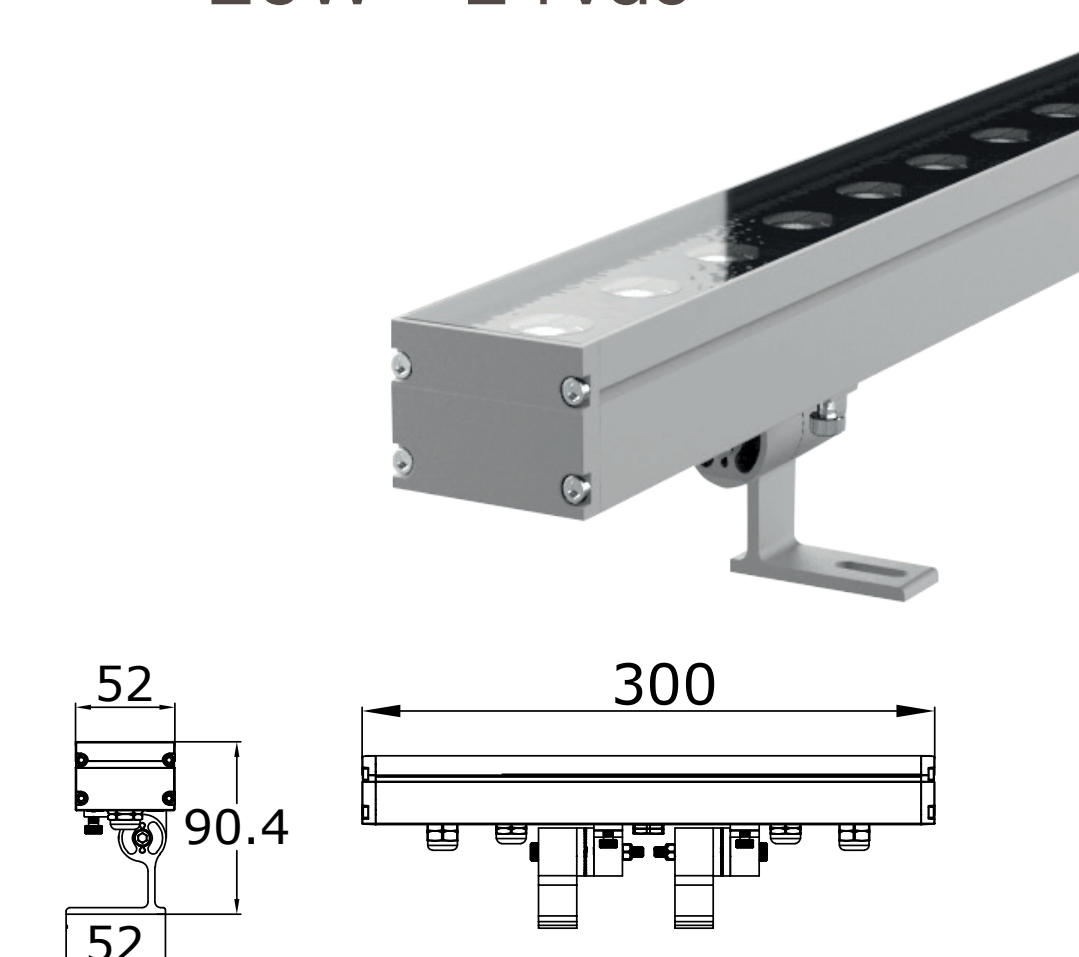
CADY-LED 100  
48W - 24Vdc



CADY-LED 50  
24W - 24Vdc



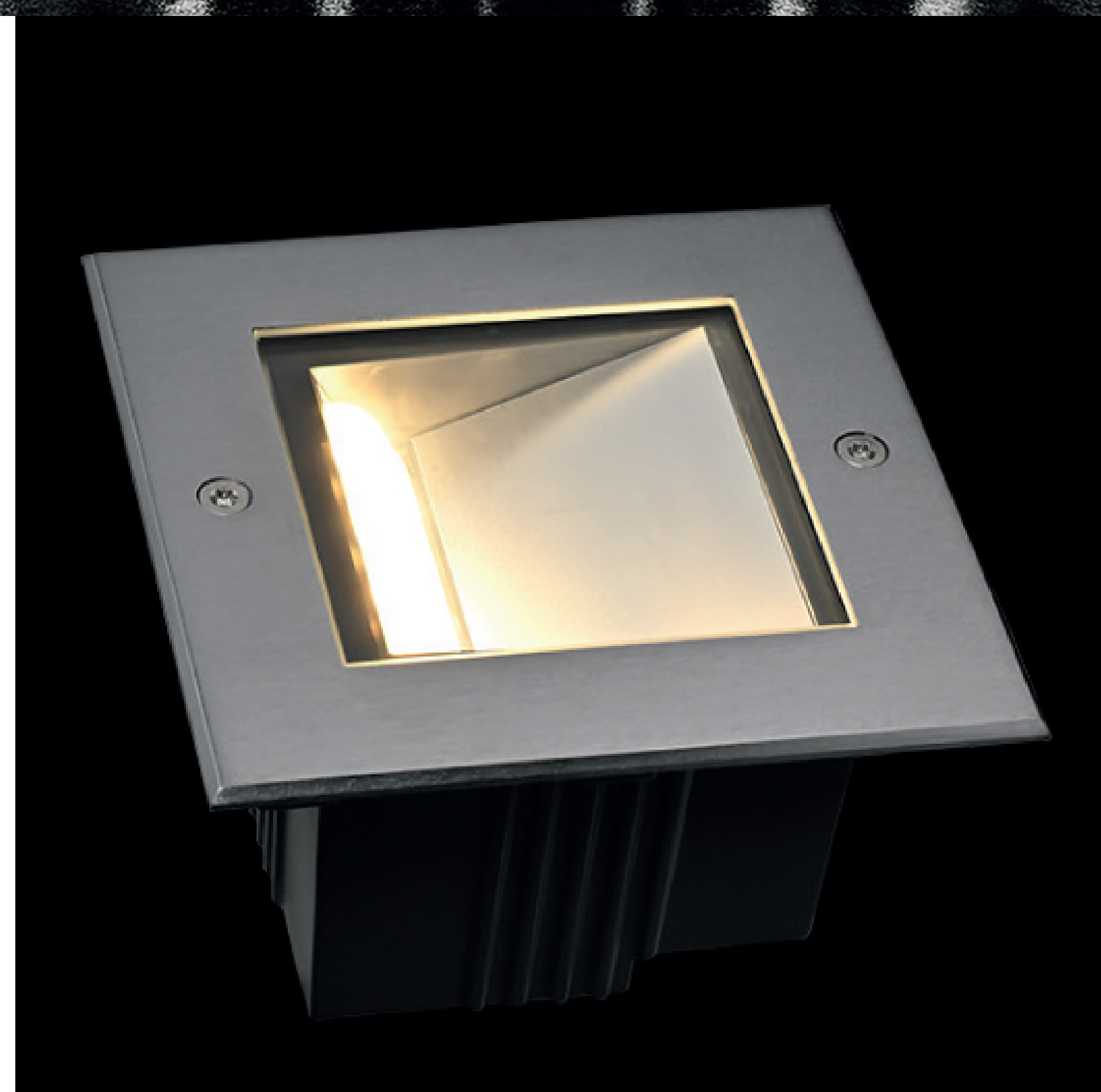
CADY-LED 30  
16W - 24Vdc







**Prim@tek**





Prim@tek



Professional Symmetrical inground light

DALI 2 DMX Bluetooth® zigbee certified product

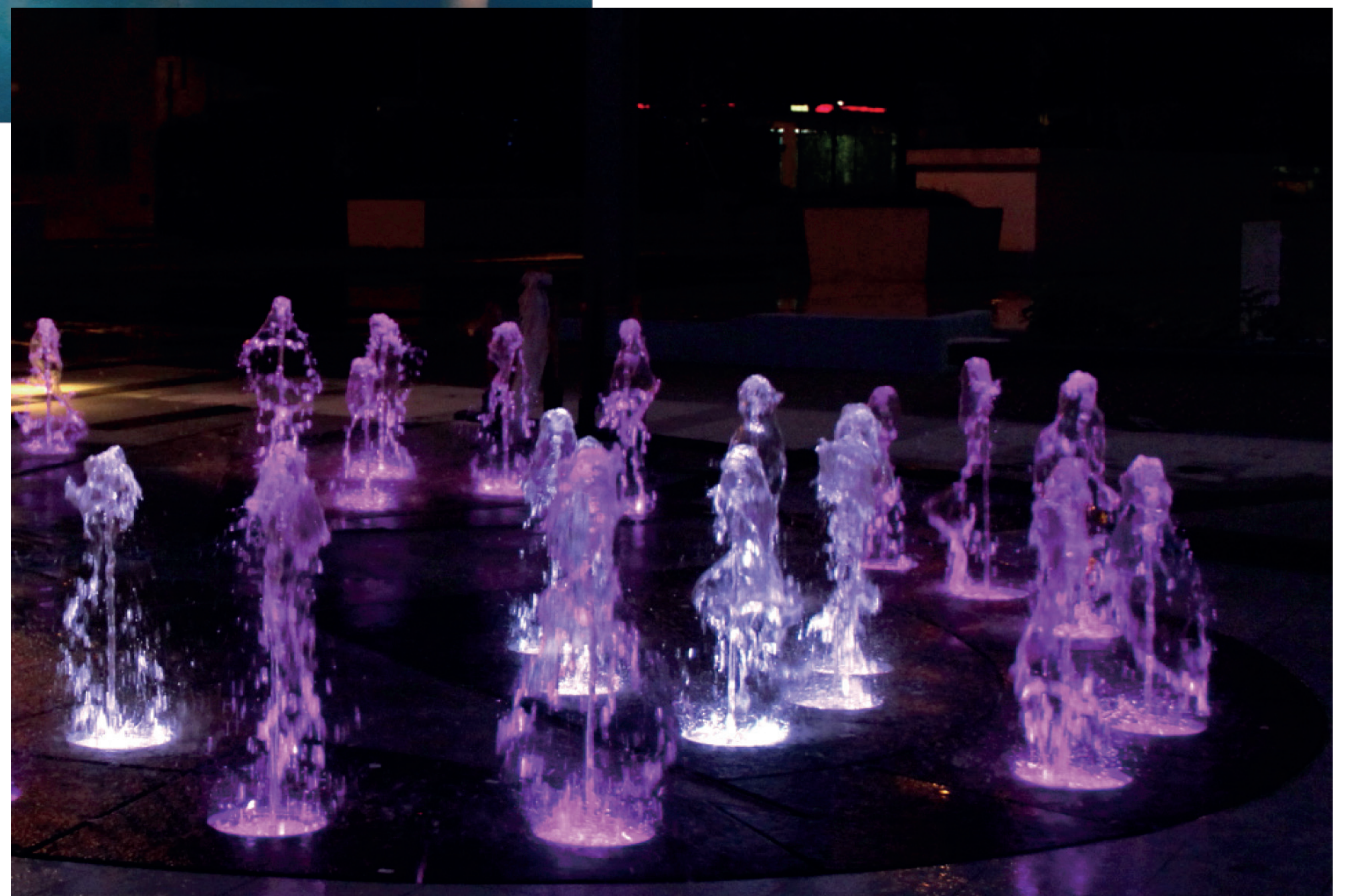




# Underwater-LED family

Stainless Steel light (AISI316L)

**Prim@tek**





# Kraft-LED

Light up by  
decorating



Prim@tek

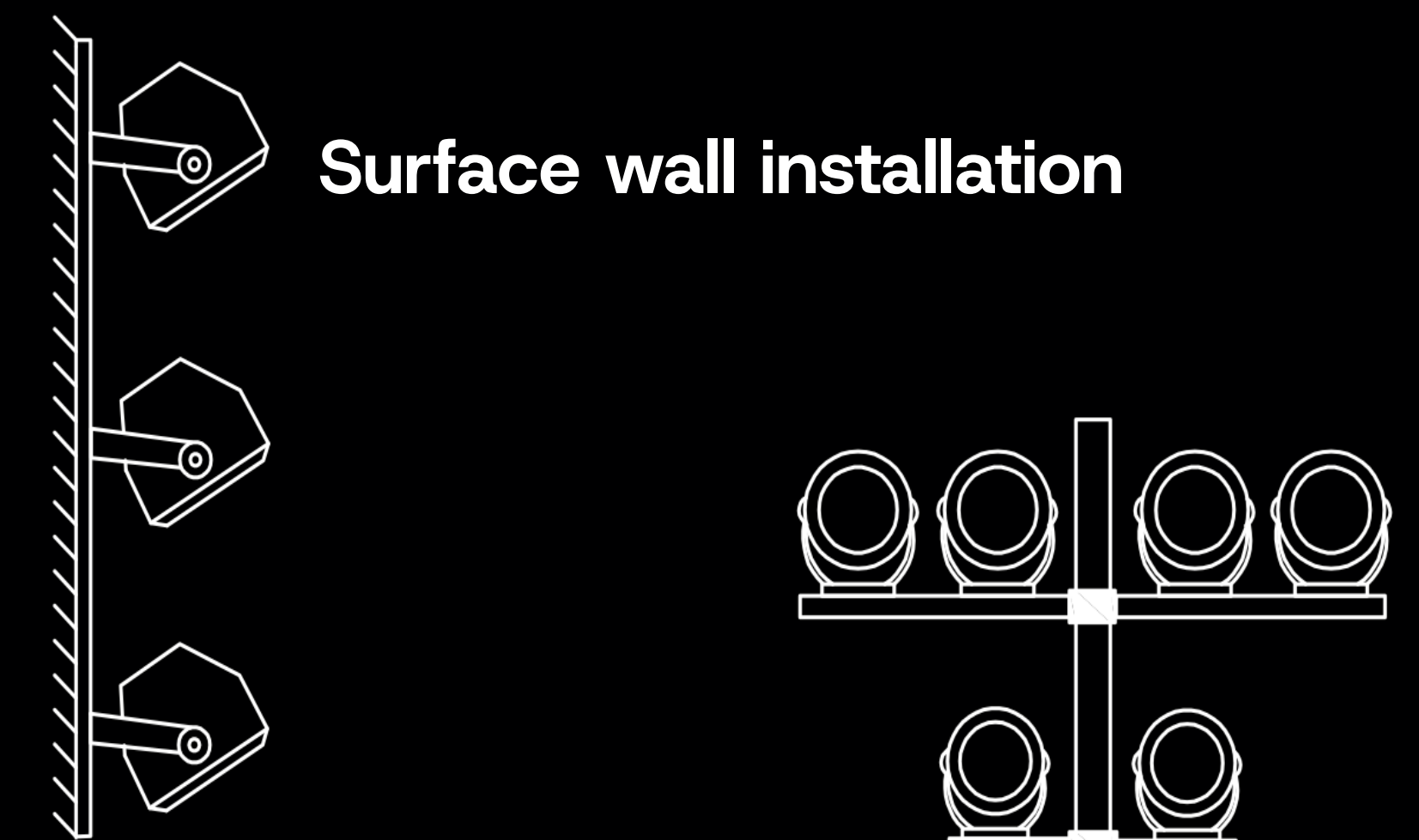


## Kraft-LED

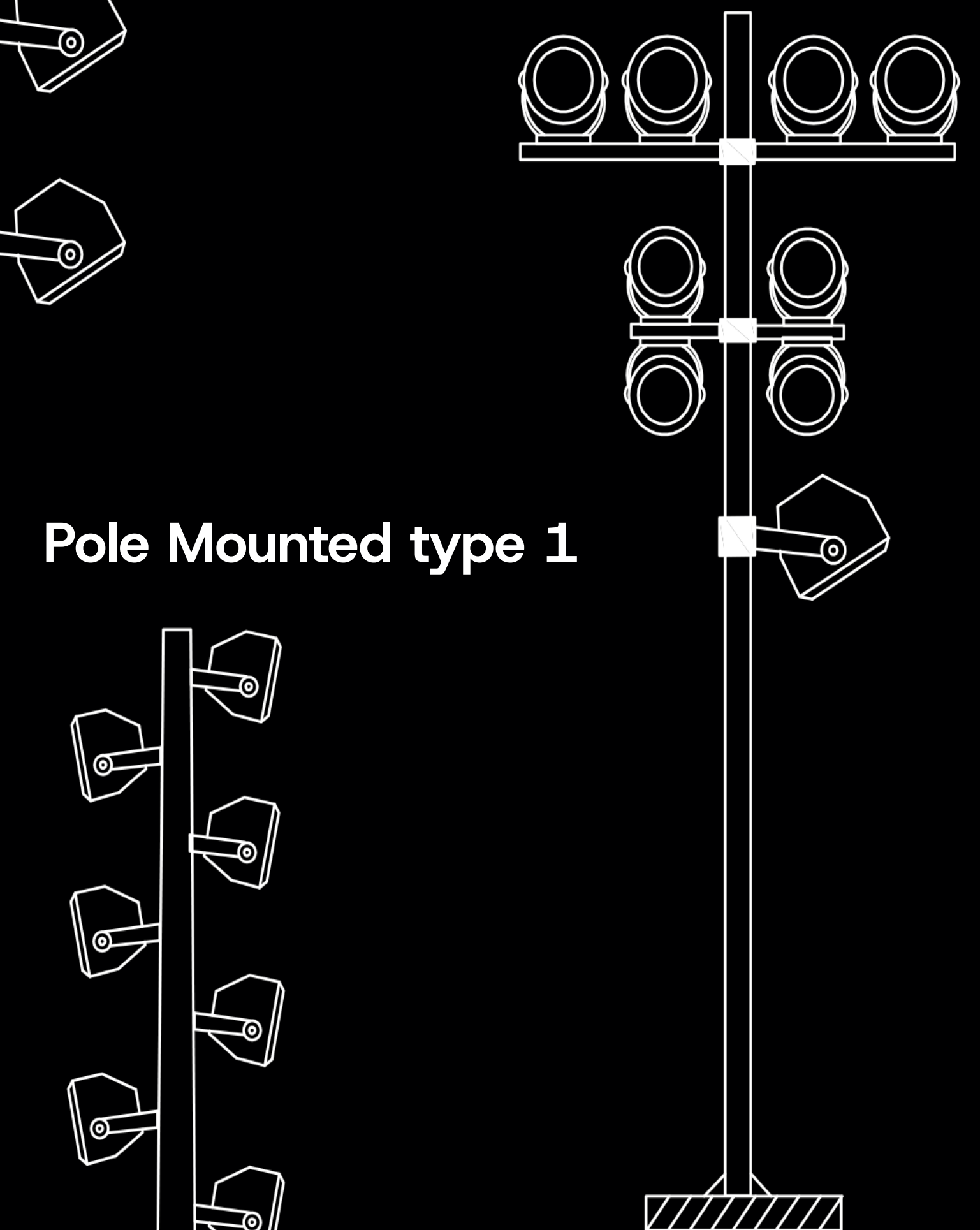
Kraft-LED is the series of architectural Spots par excellence. The union of a strong and resistant mechanical structure combined with customizable electronics such as power, width of the light beam, type of light and control system, make it in all respects a customizable series for any outdoor architectural application.

Kraft-LED projector with bracket. Selectable LEDs from 4 shades of white to RGBW – Integrated power supply – Optics on request. Projector designed for the use of LED sources and selectable fixed optics. Made up of a die-cast aluminum optical compartment, bracket and power supply box with transparent tempered sodium-calcium safety glass. The device is equipped with a double cable gland for pass-through wiring. The optical compartment can be adjusted on the horizontal plane with an angle between  $-50^{\circ}$  and  $+90^{\circ}$ . Kraft-LED is equipped with a graduated scale and a mechanical locking device for positioning. The optical system is equipped with Opti Beam reflectors with White or RGBW monochromatic LEDs. The DALI or On-Off electronic power supply is integrated into the product and compatible with remote management systems. Compatible with programming systems via DALI terminals. It is possible to use accessories for both interiors (diffuser glasses, blades and refractors for elliptical light) and exteriors (cylindrical screens, visors and protection grilles). All external screws used are in A2 stainless steel. Installation: Floor, ceiling or wall installation.

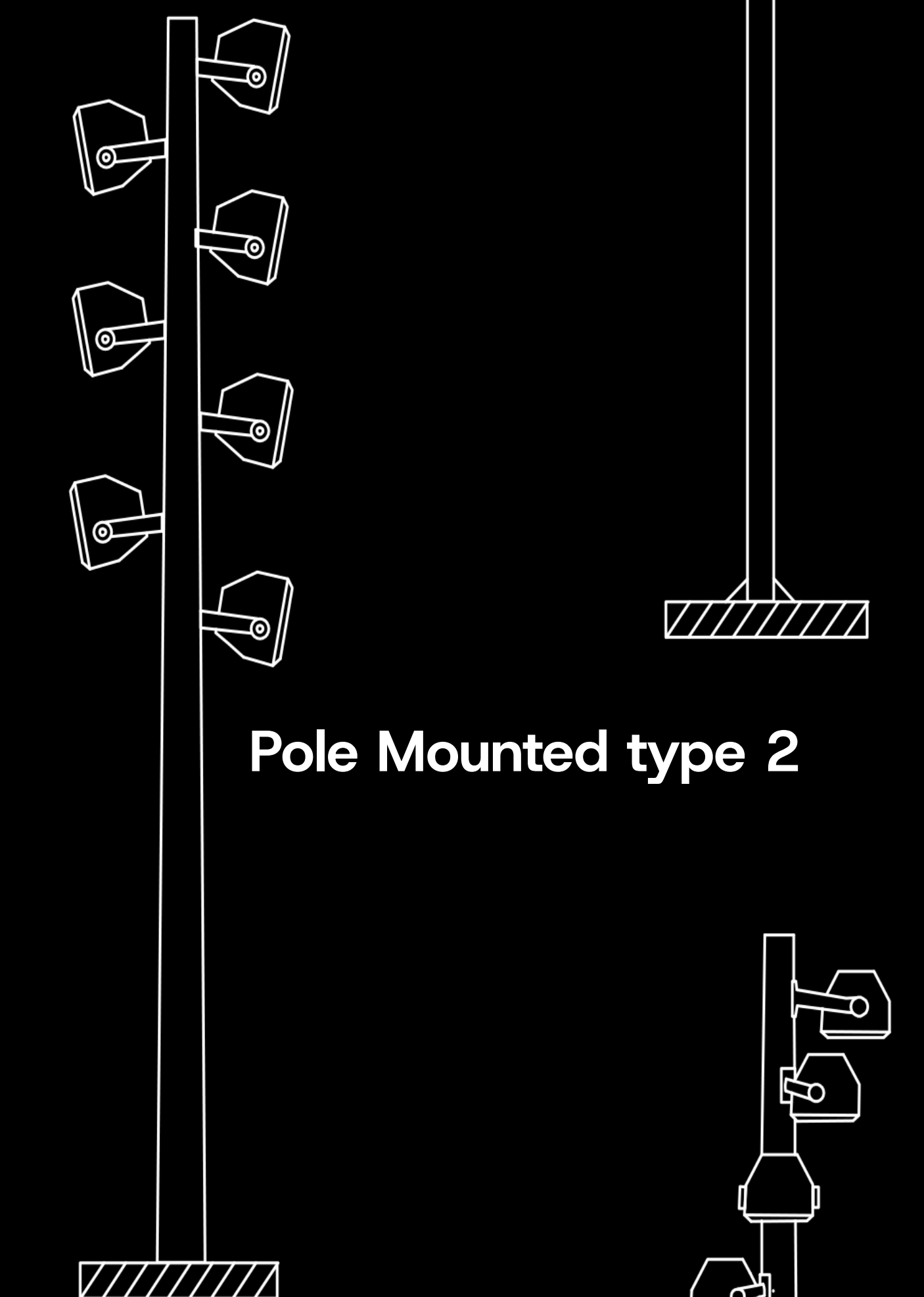
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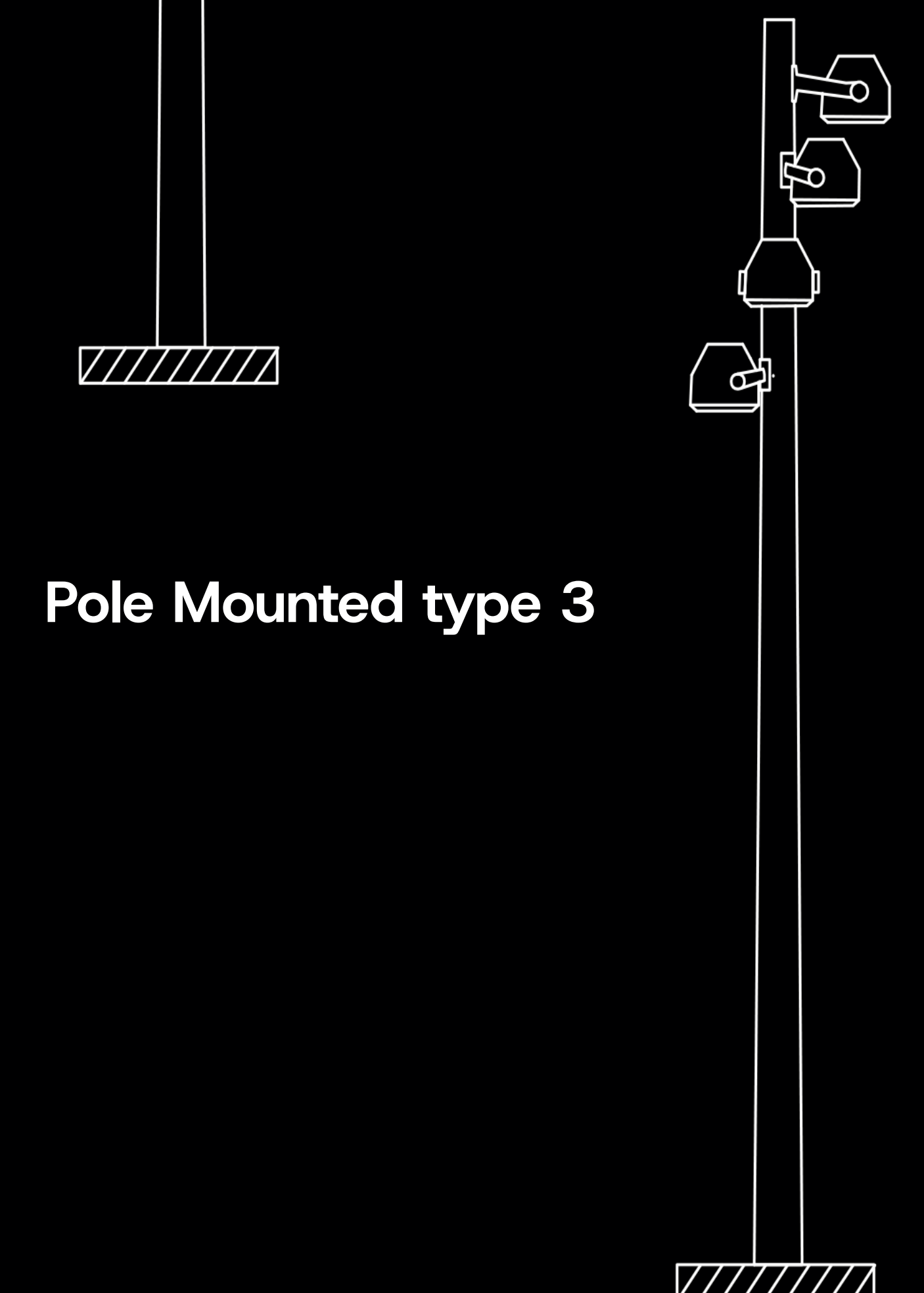
Surface wall installation



Pole Mounted type 1



Pole Mounted type 2



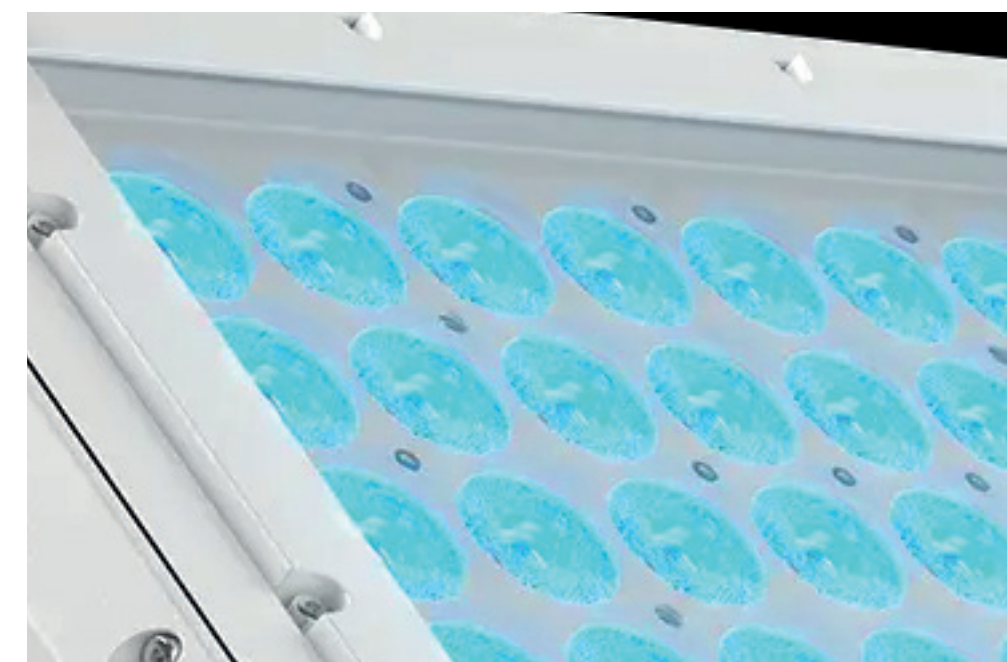
Pole Mounted type 3



# Architectural Lighting

Power and  
decoration

## Prim@tek

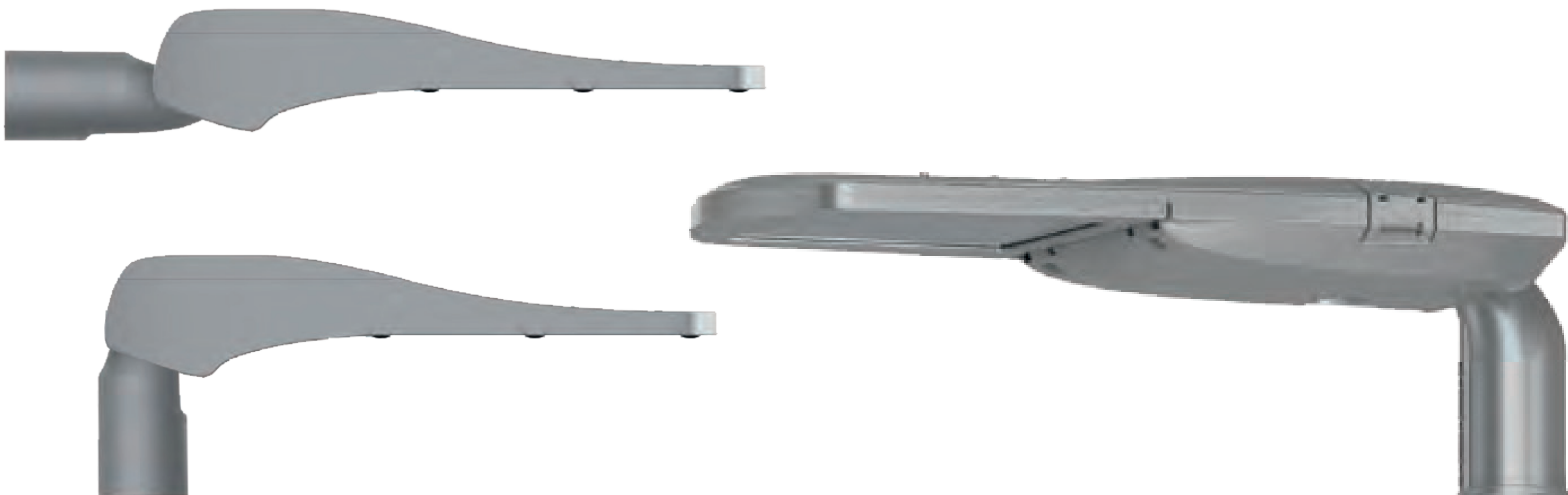




# Sreet and Urban Lighting

Functionality and decoration

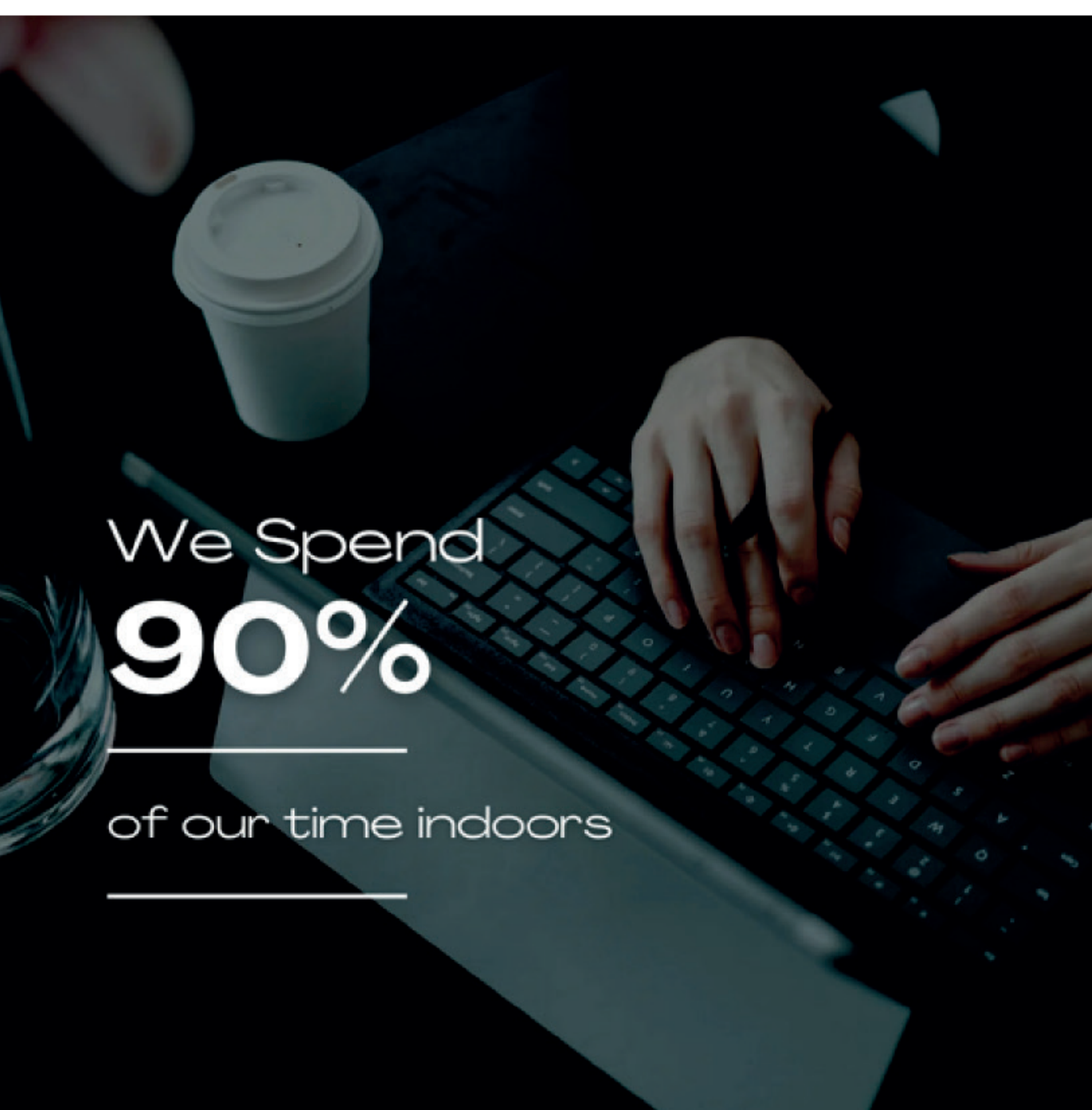
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# circadian lighting system

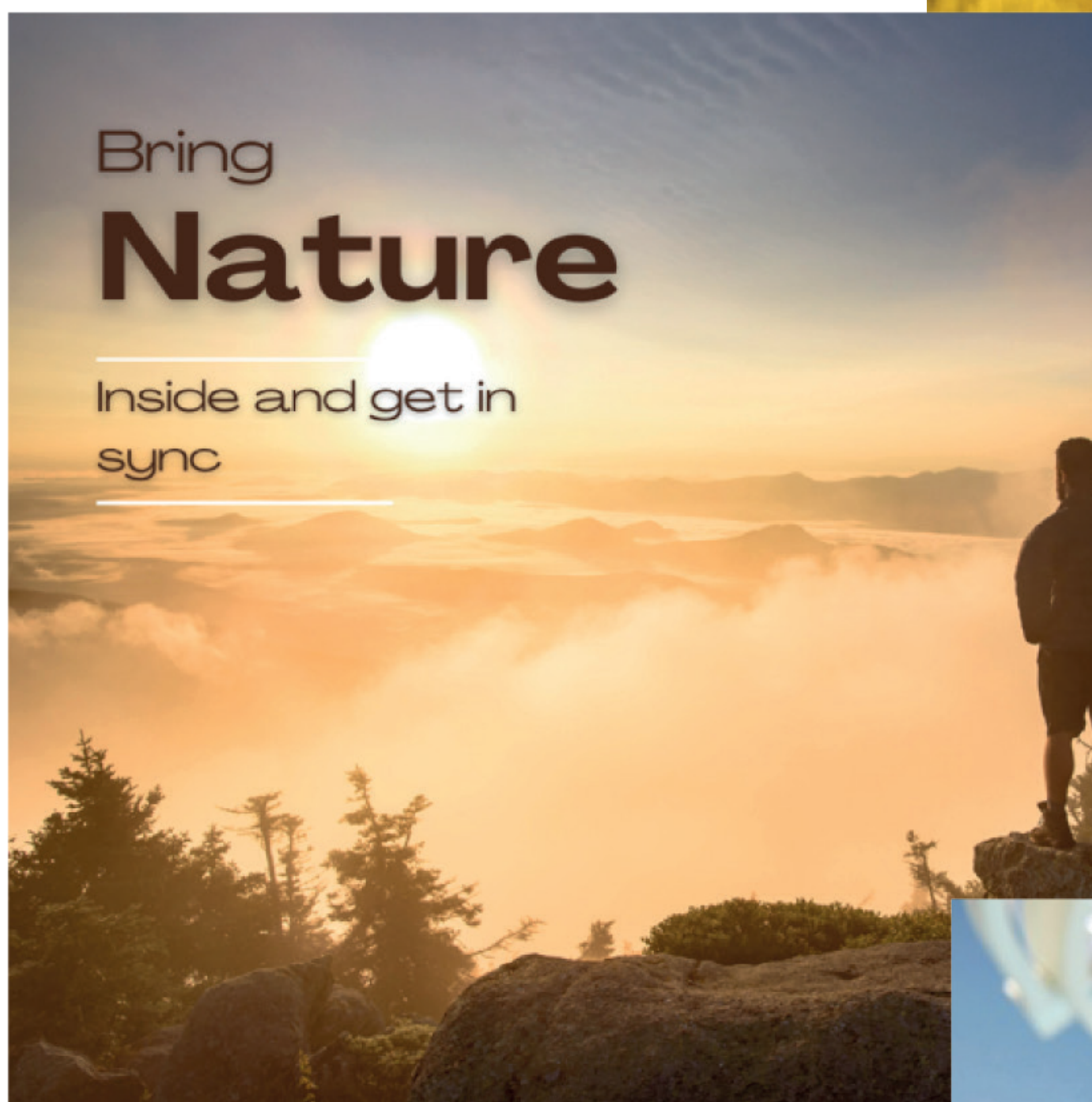
well-being starts from light



## Why CircadianLux Is Different

Unlike conventional LED lighting that prioritizes energy efficiency at 550nm (peak sensitivity of human vision), CircadianLux is engineered to support both visual comfort and biological well-being. While this means a lower energy efficiency, the benefits to human health and performance are substantial.

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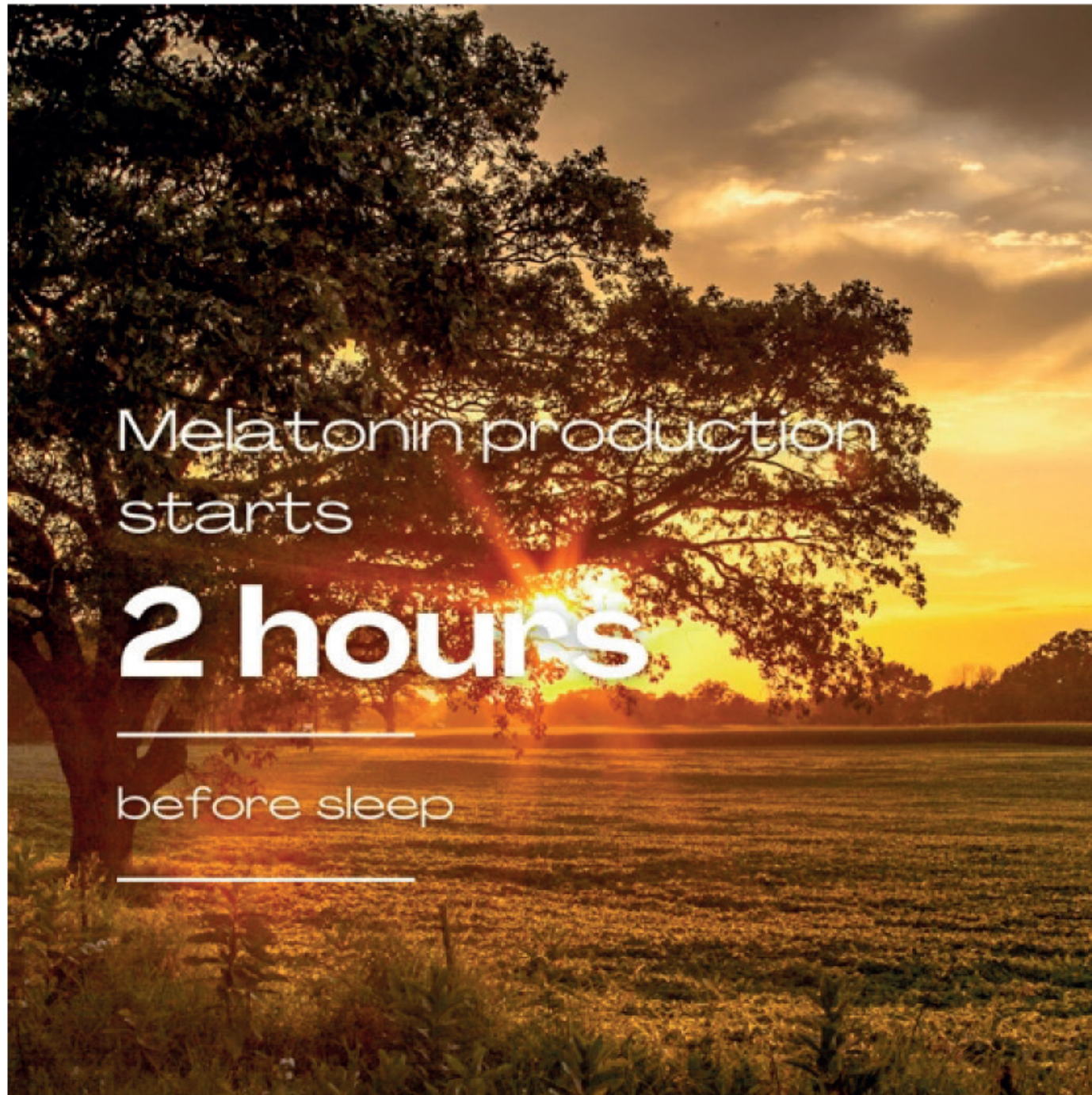


## How It Works

- Circadian Rhythm Support
- Targets melanopsin receptor in the eye with precisely timed and specific blue light exposure
  - Bright, safe, blue-enriched light in morning and around solar noon helps calibrate your biological clock
  - Reduced blue light and enhanced infrared in evening allows natural melatonin production for better sleep

## Intelligent Adaptation

- Circadian Lighting System Technology calculates location-specific solar patterns
- Automatically adjusts intensity and spectrum every 5 minutes throughout the day
- Synchronized with actual solar noon (not clock time) for optimal biological impact



## Benefits

- Enhanced daytime alertness and productivity
- Improved evening relaxation and sleep quality
- More natural and comfortable visual environment
- Better cellular health through near-infrared exposure



# circadian lighting system

## well-being starts from light

Circadian Lighting System for Hospitals, Specialist Clinics and Senior Care Facilities.

To support energy, relaxation, sleep, vigil and well-being.



### The crucial role of light

Circadian Lighting System brings the natural light rhythms of daylight and nighttime into indoor environments to improve health and well-being.

### THE PROBLEM

#### The Indoor Lifestyle Epidemic

90% Of people spend their time indoors (Klepeis et al., 2001)

- Indoor lifestyles disconnect us from natural light cycles.

- Long-suffering Patients, Doctors, Caregivers, and the elderly spend even more time indoors.

(Almeida-Silva et al., 2014; Abdel-Salam, M. M. (2022).

### Positive effects of light

#### VISUAL

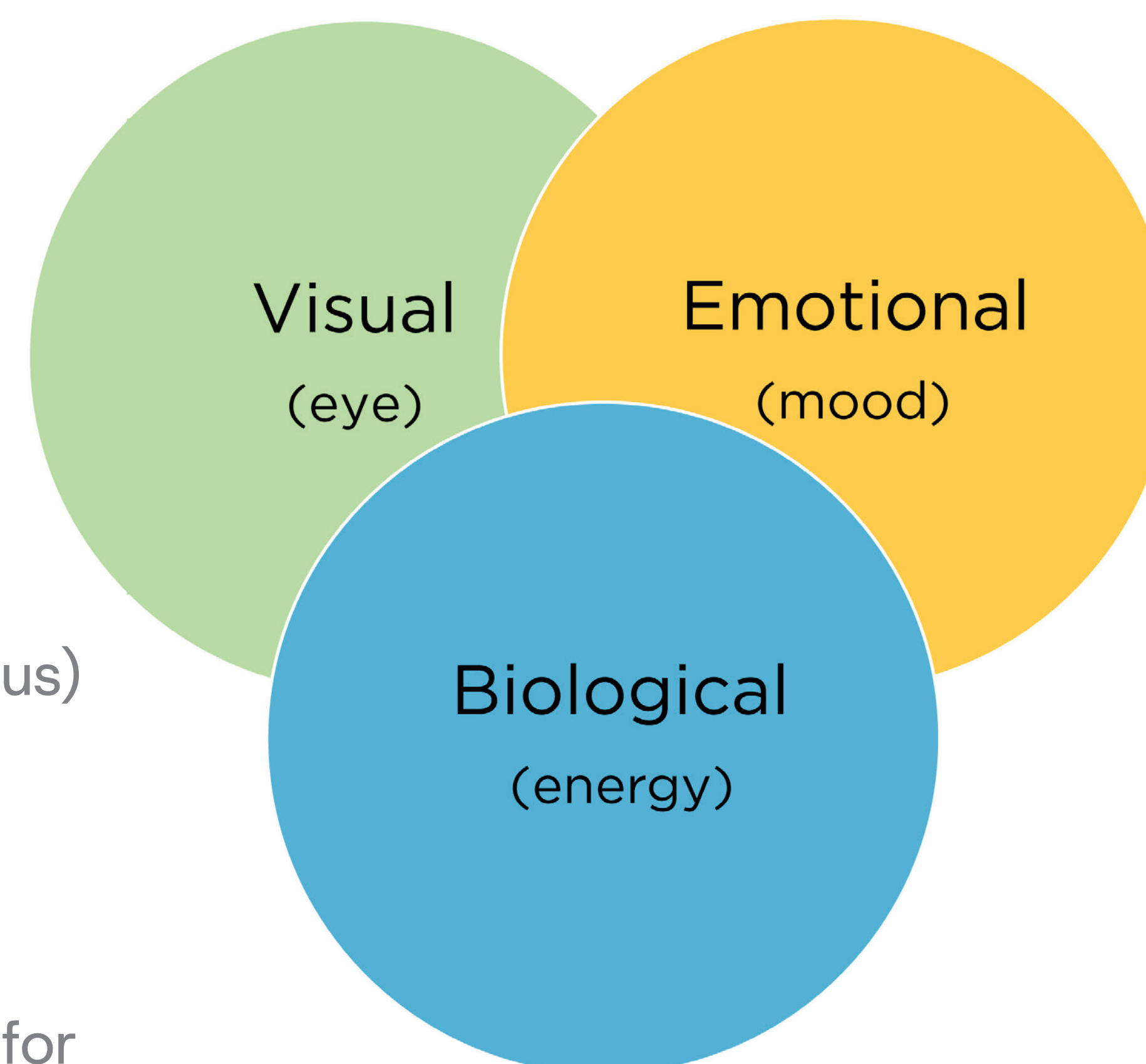
Comfortable lighting levels  
Correct Color Rendering Index (CRI)  
Glare free  
Uniform Light Distribution  
Example area: Private rooms, Public areas, Corridors.

#### BIOLOGICAL

Light Intensity Dosage (Melanopic Lux)  
Correct Light Spectrum (Circadian Stimulus)  
Gradual Light Transition  
Example area: Private rooms, Public areas, Corridors, Relaxation areas

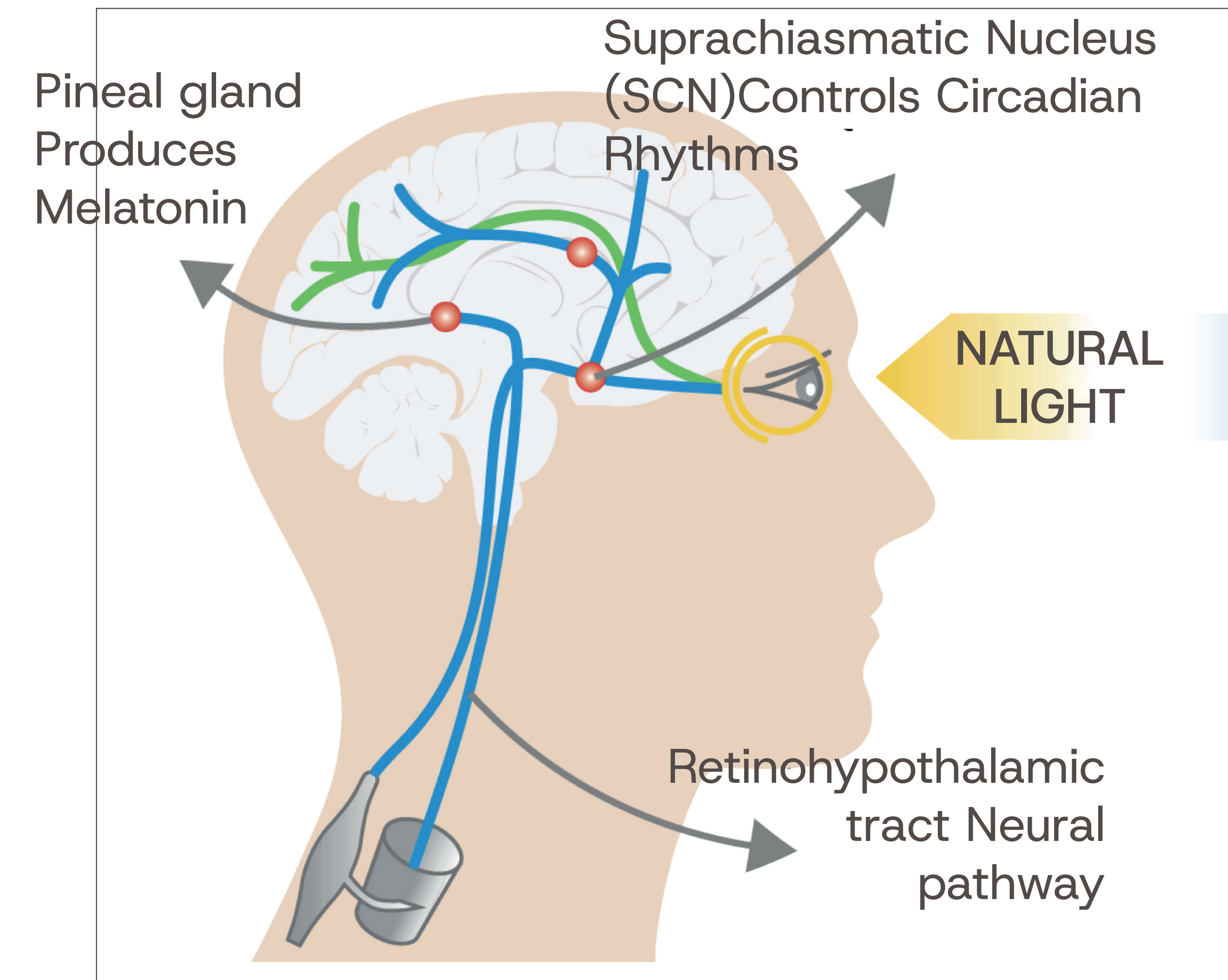
#### EMOTIONAL

Real and natural light color. Colored light for relaxation. Emotional lighting design  
Example areas: Waiting rooms, public areas, service areas (restaurants and bars), reception areas, facade lighting



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## The Science: Light's Biological Effects



### Beyond Vision

- Stimulation of the retina's "third photoreceptor" (melanopsin)
- Regulates non-visual biological effects of light

### Brain and Gland Signaling

- Light signals to Suprachiasmatic Nucleus (SCN) and Pineal gland
- Regulation of Circadian Rhythms

(Berson et al., 2002; Hattar et al., 2002; Provencio et al., 2000; Czeisler et al., 1995; Czeisler et al., 1999; Zeitzer et al., 2000; Claustrat & Leston, 2015)



# circadian lighting system

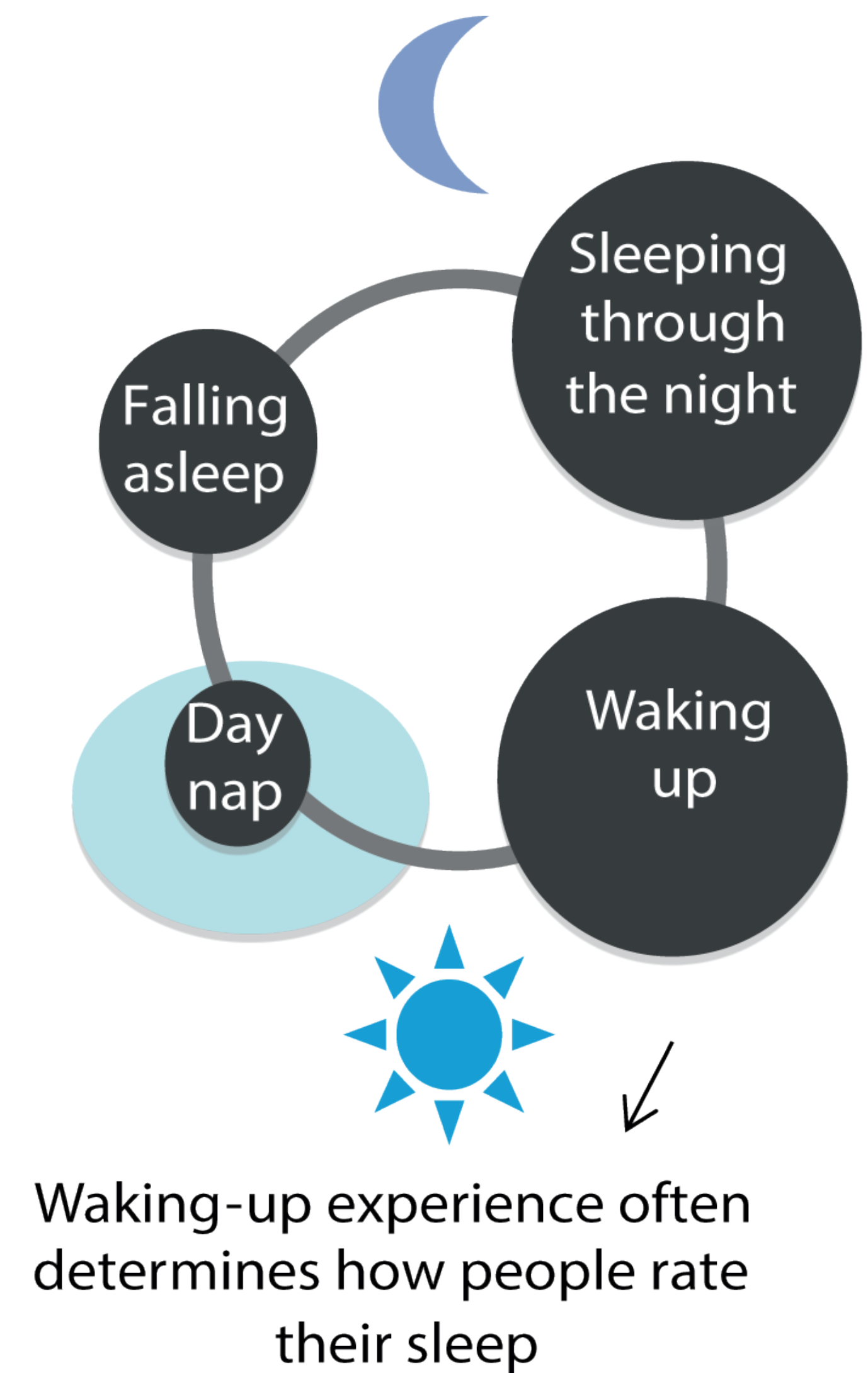
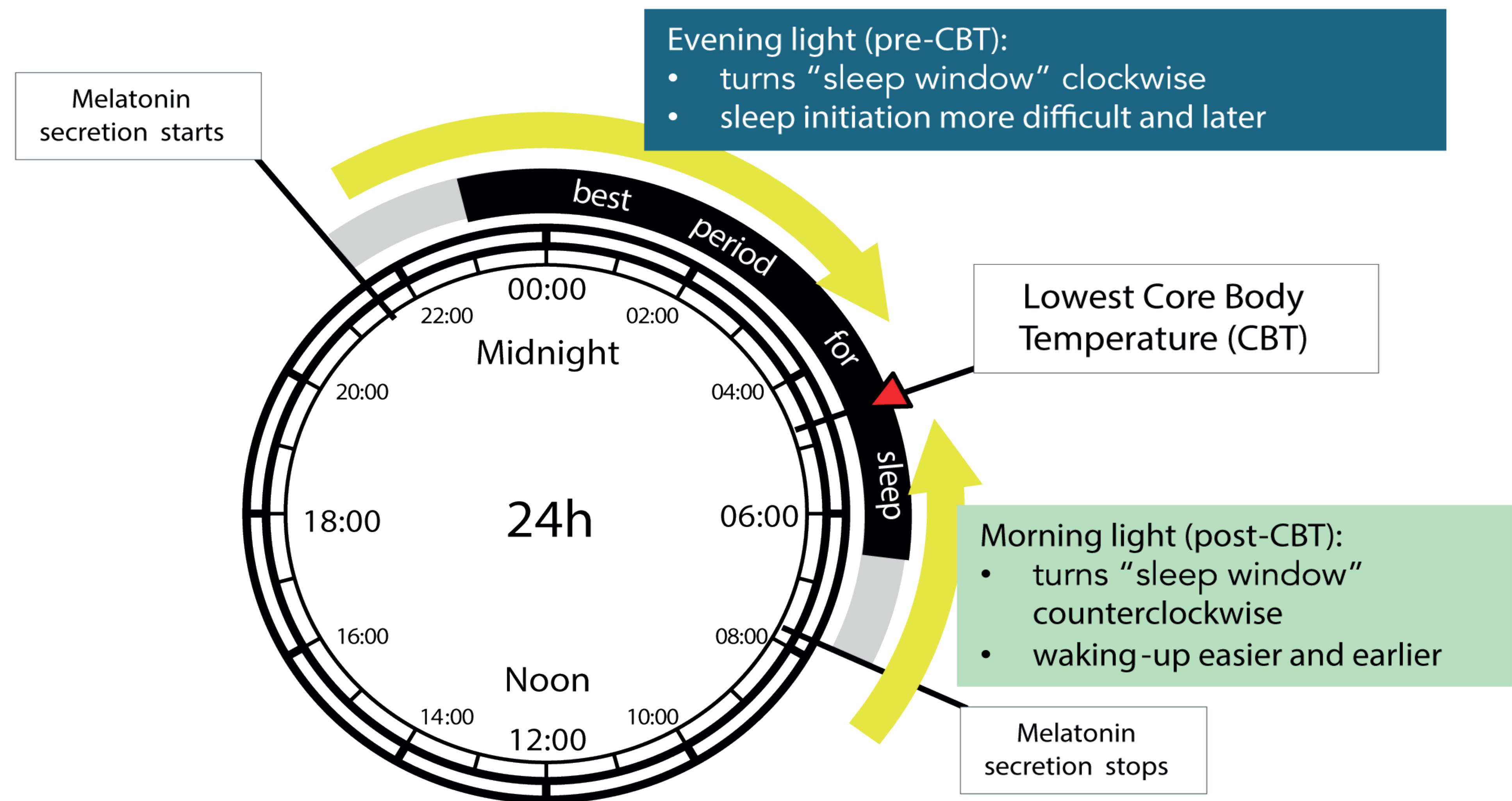
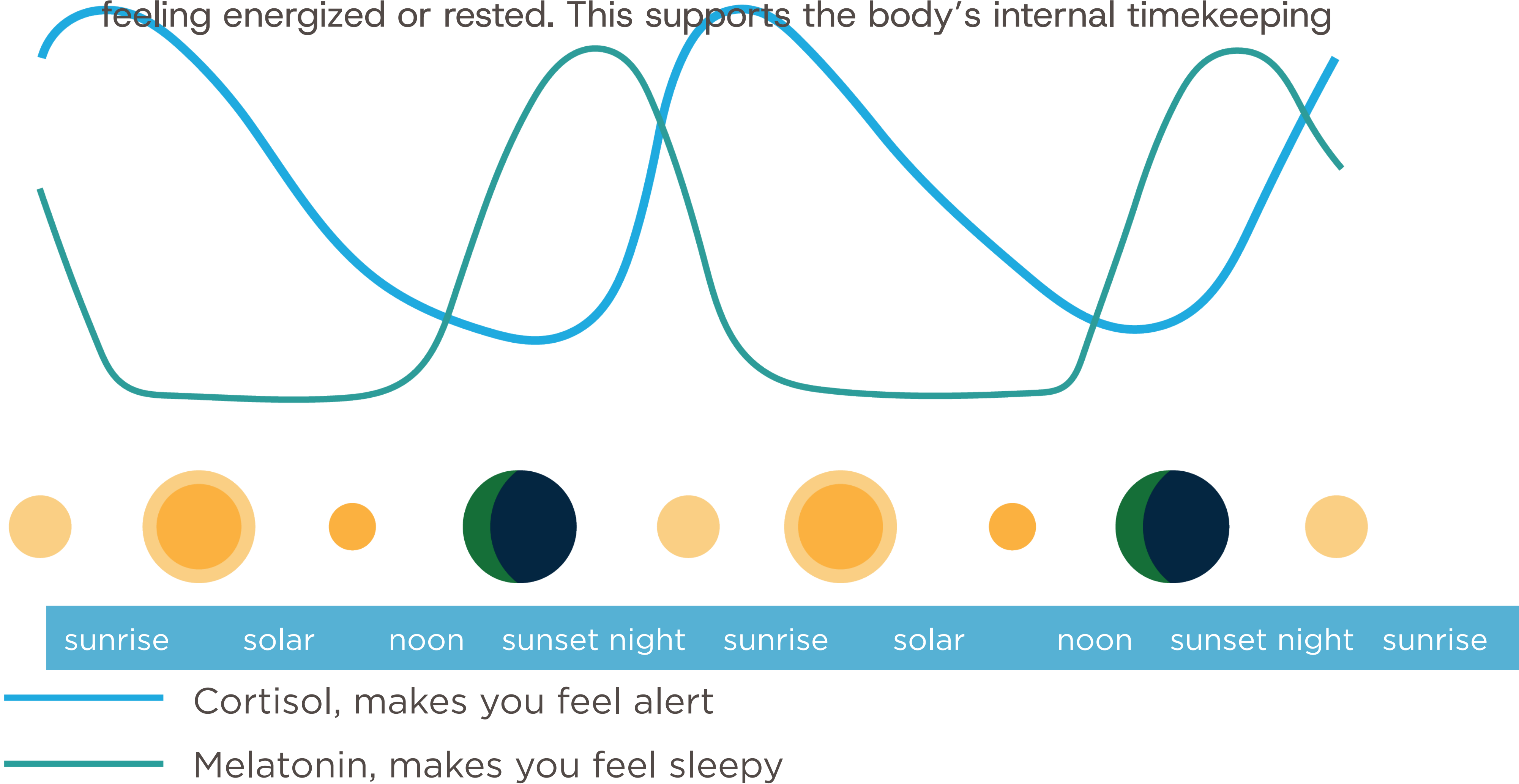
well-being starts from light



**Prim@tek**

## Regulation of Melatonin and Cortisol by the 24-Hour Light Cycle

Proper light exposure helps to regulate melatonin and cortisol levels and leads to feeling energized or rested. This supports the body's internal timekeeping



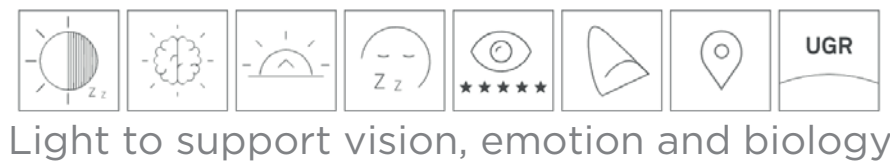


# circadian lighting system

well-being starts from light



## Circadian Light



## Take control

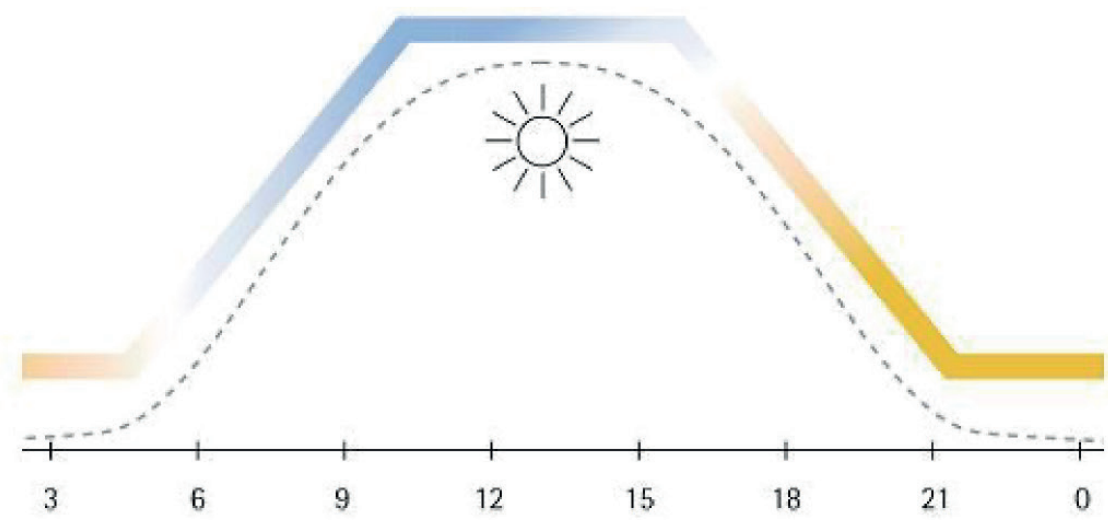


## Quality of Light



## Metrics for Circadian Light

**Traditional Lux (Visual Light)** • Inadequate for measuring non-visual, biological effects



## Melanopic Lux

- Appropriate metric for circadian impact • Peak sensitivity around 480–490nm
- European standards use M-EDI, American standards use EML

## Color Correlated Temperature (CCT)

- Alone is insufficient • Lights with same CCT can have different biological potency

The Solution at JCCPA Supporting sleep, wakefulness and wellbeing improves color perception and skin tone

CIRCADIAN  
LIGHTSCRIPT™

ADAPTS TO  
LOCATION

MELANOPIC  
LUX

95+  
COLOR  
RENDERING  
INDEX

R9  
90+  
RED COLOR  
RENDERING

65%  
RED AND  
INFRARED

Aspect	Before (General lighting)	After (Circadian lighting)	Improvement
LUX	400+	Up to 600	increased brightness
Melanopic LUX	NA	Up to 500	Enhanced circadian stimulation
CCT	Fixed	Flexible	Better experience

Continuous improvement ongoing

Color  
Rendering  
Index

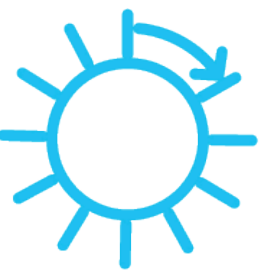
► CRI 95+  
CRI 90  
CRI 80  
CRI 70

R9 Red Color  
Rendering

► R9=90+  
R9=80  
R9=50  
R9=0

R1	99
R2	100
R3	99
R4	97
R5	97
R6	97
R7	97
R8	96
R9	91
R10	99
R11	98
R12	87
R13	99
R14	100
R15	97

## circadian light system light series



Get in  
Sync



improves  
mood



minimizes  
eyestrain



increases  
alertness



boost  
energy



feel more  
focused



supports  
healthy sleep



### Circadian Round 500 Ceiling Light

Elegant round LED ceiling fixture Ø500  
220–240V, 50/60Hz, 40W, CRI>95, R9=90.  
Automatically variable color temperature  
throughout the day.



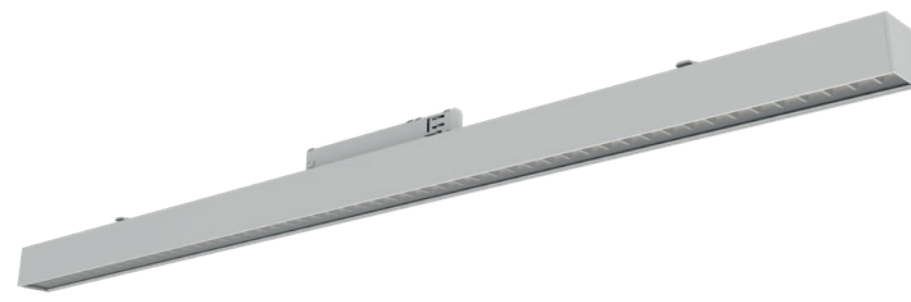
### Circadian 60×60 Ceiling/Recessd Light panel

High-efficiency 60×60 LED panel fixture.  
220–240 V, 50/60 Hz, 40W, CRI>95, R9=90.  
Automatically variable color temperature  
throughout the day.



### Circadian 120×60 Ceiling/Recessd Light panel

High-efficiency 120×60 LED panel fixture.  
220–240 V, 50/60 Hz, 80W, CRI>95, R9=90.  
Automatically variable color temperature  
throughout the day.



### Circadian Linear Suspended/Ceiling light/track

High-efficiency Circadian 1200 mm LED fixture.  
220–240 V, 50/60 Hz, 40W, CRI>95, R9=90.  
Automatically variable color temperature  
throughout the day.



### Circadian Floor light

High-efficiency Circadian Floor LED fixture.  
220–240 V, 50/60 Hz, 40W, CRI>95, R9=90.  
Automatically variable color temperature  
throughout the day.

Prim@tek



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