LUZ NEGRA
linear lighting solutions

A product guide for linear lighting projects

"meliore facere continenter, signum noster est"

New UNDERWATER SYSTEM machine

Here at Luz Negra we have acquired a machine for waterproofing the luminaires which we manufacture, meaning we can offer IP68 and a resistance on the surface of IK10.

Our customers can request their luminaires to be waterproofed from just one unit, in a very short time and at a very reasonable price.

This means they can benefit from a full guarantee for outdoor use even in saline environments, chlorinated pools and arid areas.

Opaline resin

Transparent resin

Led trip
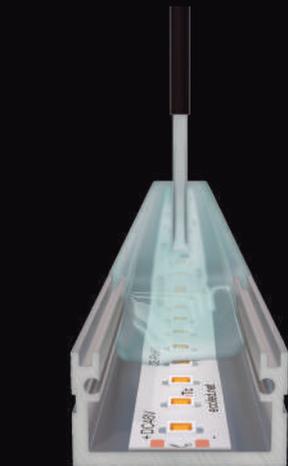
Transparent

By filling the profile with transparent resin, we achieve a crystalline finish with hardly any light loss. It is ideal for when led visibility is not an issue or for when we use COB led.

Mixed

By filling ¾ of the profile with transparent resin and the remaining ¼ with opaline resin, we are able to achieve a blurring of the dots with little light loss. It is ideal for when we use strips with a medium-high density of LEDs.

Opal

By filling the entire profile with opaline resin, we can achieve a dot-free effect, even in strips with low LED density.

Applus IK10 certificate

Applus IP68 certificate

Flexible led profile, Milano slim model with a height of **only 4mm**, with COB led strip and a transparent microprism cover.

Thanks to the COB technology and our microprism cover, we can achieve a dot-free effect without needing to use an opal cover which can reduce light efficiency in the luminaire.

This is, without doubt the best option for a high-performance luminaire at the same time achieving the best lumen/watt ratio on the market.
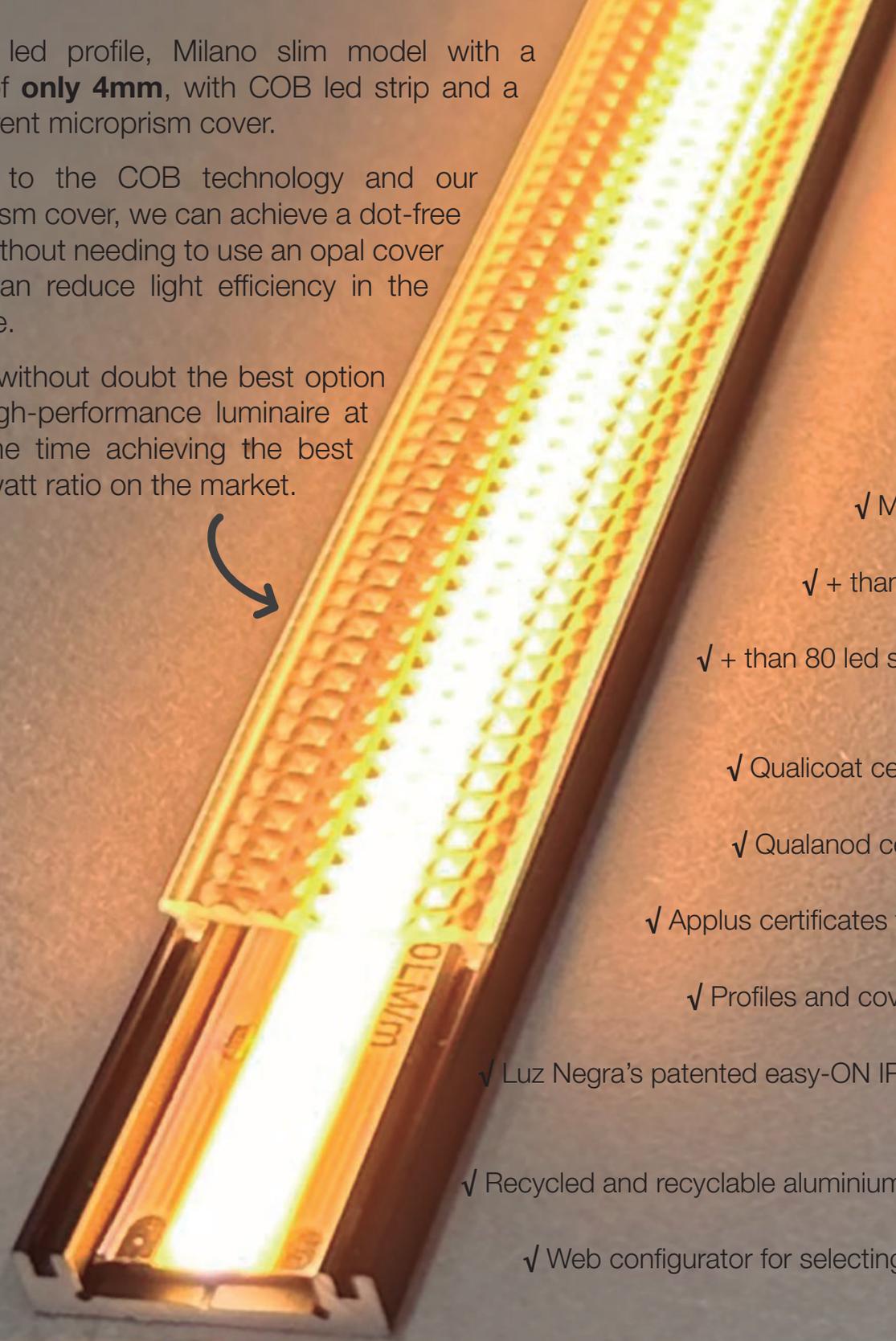
√ Made in Spain product.

√ + than 160 profiles in stock.

√ + than 80 led strips and led modules to choose from.

√ Qualicoat certificate for lacquered.

√ Qualanod certificate for anodised.

√ Applus certificates for IP65 - IP68 - IK10.

√ Profiles and covers of up to 6 metres.

√ Luz Negra's patented easy-ON IP65 system for profiles and covers.

√ Recycled and recyclable aluminium with a purity of 98%.

√ Web configurator for selecting the adequate profile.

This isn't a product catalogue but more of a simple work tool, where you can find our **profiles in a scale of 1:1** and which is aimed at architects, decorators, interior designers and project consultants in general. It is a very handy and useful tool which can be taken to work sites, meaning you can easily and quickly identify and choose the profile, the LED and all the relevant accessories (such as power supplies and drivers), suitable for each project.

We are a Spanish family business that is committed to the idea of "Made in Spain" and to continuous innovation, made up of more than 60 professionals between our headquarters in Barcelona, Madrid and Paris. Exclusive dedication to the professionals in the sector and 36 years of experience guarantee our professionalism and trajectory. Entrust us with your linear lighting projects and let us show you a different way of understanding lighting with practical and innovative solutions.

led profile *by Luz Negra*

Black&White by Luz Negra

FRANKFURT
21x7.5mm

Finish		● ○ ●
Length		2m / 6m
Cover		
Max. power led		15W/m

easyON **IP65**

BOSTON
23.2x9.2mm

Finish		● ○ ●
Length		2m / 6m
Cover		
Max. power led		15W/m

AMSTERDAM MINI
13.4x11.8mm

NEW

Finish		● ●
Length		1m / 2m
Cover		
Max. power led		12W/m

PHILADELPHIA MINI
12x11.95mm

Finish		● ●
Length		2m / 3m
Cover		
Max. power led		12W/m

BERLIN
24x12mm

easyON **IP65**

Finish		● ○ ●
Length		2m / 6m
Cover		
Max. power led		20W/m

BERLIN XL
28.4x12.5mm

easyON **IP65**

Finish		● ○ ●
Length		2m / 6m
Cover		
Max. power led		20W/m

SIDNEY
45x13mm

NEW

Finish		● ○
Length		2m / 2.5m
Cover		
Max. power led		30W/m

PHILADELPHIA
23.2x15.2mm

Finish		● ○ ●
Length		2m / 6m
Cover		
Max. power led		20W/m

AMSTERDAM
30x15.5mm

Finish		●
Length		2m / 3m
Cover		
Max. power led		20W/m
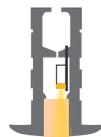
DALLAS
12.5x17mm

Finish		●
Length		2m
Cover		
Max. power led		13W/m

The "easy-ON" system is the result of continued research, development and innovation which we enforce at Luz Negra. This system permits you to quickly click the cover on to the front of the profile in a fast and easy manner.

The two jagged edges allow the cover to snap on to the profile in a firm and safe way, **achieving a water-tightness of IP65.**

easyON **IP65**

Innovation
- 🟥 made
- 🟨 in
- 🟥 Spain

Luz Negra's led profile "easy-ON" system has been certified by Applus for its jagged cover which guarantees water-tightness of IP65 thanks to its double-siphon shape once inserted into the aluminium profile. This certification is extended to the 33 profiles within our "easy-ON" product group

IP65 certificate
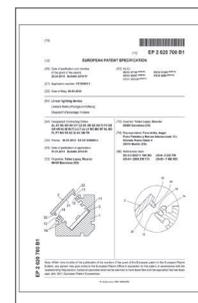
European patent

A⊕ Applus IP65
10 YEAR GUARANTEE for "easy-ON" profiles

4 YEAR GUARANTEE for "easy-ON" covers

With other systems
As we don't have a double siphon, the water can easily filter inside.
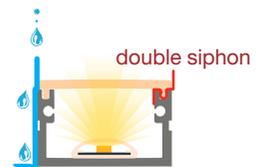
double siphon

With our "easy-ON" system
The double siphon prevents humidity or water from filtering inside.

Led profiles covered within the IP65 certification and European patent 13156605.1

Types of covers: Optic | ■ Black&White | Opal | Frosted | Transparent | Microprism

led profile _by Luz Negra_

IP68-IK10

Ask for your customised kit with resin.

MILANO SLIM
16x5mm

Finish	● ●
Length	2m / 6m
Cover	
Max. power led	15W/m

MILANO
16x8mm

Finish	● ○ ●
Length	2m / 6m
Cover	
Max. power led	20W/m

DETROIT
8x7.4mm

Finish	●
Length	2m
Cover	
Max. power led	16W/m

TENNESSEE
13.1x8mm

Finish	●
Length	2m
Cover	
Max. power led	15W/m

NEW YORK MINI
7.6x9mm

Finish	● ●
Length	2m / 3m
Cover	
Max. power led	15W/m

CALIFORNIA
17x9mm

Finish	● ○ ●
Length	2m / 6m
Cover	
Max. power led	20W/m

CALIFORNIA XL
23.5x9.8mm

Finish	●
Length	2m/ 3m
Cover	
Max. power led	23W/m
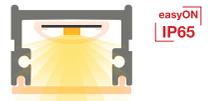
ROMA
16x12mm

Finish	● ○ ●
Length	2m / 6m
Cover	
Max. power led	23W/m

ROMA XL
20.4x12.5mm

Finish	● ○ ●
Length	2m / 6m
Cover	
Max. power led	25W/m

TORINO
19x15mm

Scale 1:2
30° 60° 90°

Finish	●
Length	2m / 6m
Cover	
Max. power led	23W/m

NEW YORK
17x14.5mm

Finish	● ○ ●
Length	2m / 6m
Cover	
Max. power led	25W/m

BERNA
40x16mm

Finish	○
Length	2m
Cover	
Max. power led	35W/m

CHICAGO
6.1x25mm

Finish	●
Length	1m / 2m
Cover	
Max. power led	13W/m
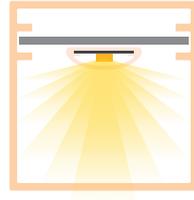
VISBY
25x25mm

Finish	
Length	3m
Cover	
Max. power led	15W/m
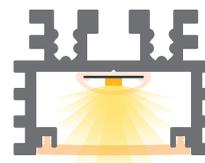
INFERNO
26.5x19.8mm

Finish	● ●
Length	2m / 6m
Cover	
Max. power led	25W/m

Maximum heat dissipation for strips up to 25W/m. It has an upper rail for joints, brackets and hangers.
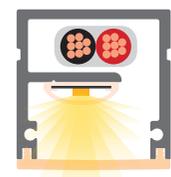
VERSALLES
20.4x20.8mm

Finish	● ○ ●
Length	2m / 6m
Cover	
Max. power led	30W/m

Internal channel to pass cables. Very useful for derivations and for avoiding voltage drops.

Types of covers:

Optic — Black&White — Opal
Frosted — Transparent — Microprism

led profile by Luz Negra

PARIS
19x15.3mm
easyON IP65

Finish	● ●
Length	2m / 6m
Cover	
Max. power led	23W/m

MIAMI
20.5x16.7mm

Finish	● ○
Length	2m / 6m
Cover	
Max. power led	23W/m

VIENA NEW
45x27mm

Finish	○ ●
Length	2m
Cover	
Max. power led	21W/m
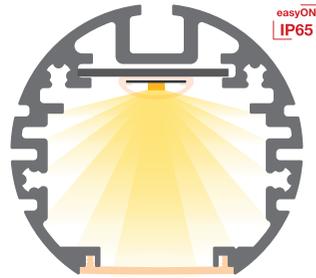
PARIS XL
39x35.7mm
easyON IP65

Finish	● ○ ●
Length	2m / 6m
Cover	
Max. power led	40W/m
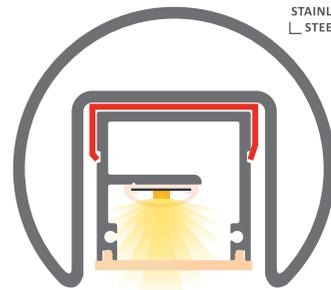
COMENZA
42.6x37mm
STAINLESS STEEL

Finish	●
Length	5m
Cover	
Max. power led	20W/m

MONTERREY
30x40mm

Finish	
Length	2.36m
Material	polycarbonate
Max. power led	15W/m

OSLO MINI NEW
ø24.8mm

Finish	
Length	3m
Max. power led	10W/m
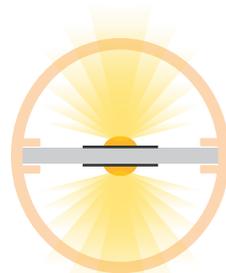
OSLO DOBLE NEW
29x31mm

Finish	
Length	3m
Max. power led	10W/m
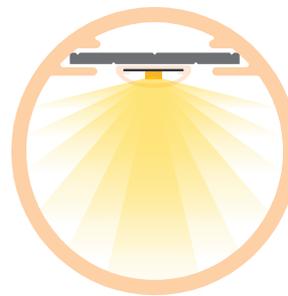
OSLO
ø38mm

Finish	
Length	2m / 3m
Max. power led	15W/m

OSLO BLACK&WHITE
ø38mm

Finish	■
Length	3m
Max. power led	15W/m

Elbow joints and other accessories available for Oslo led profile.

22.126
22.128
22.116
22.122
22.132
22.120

Oslo 38mm

HOUSTON
ø60mm

Finish	●
Length	2m / 3m
Cover	
Max. power led	30W/m

Types of covers: Optic ▢   Black&White ■   Opal ▨   Frosted ▨   Transparent ▢   Microprism ▦

led profile _by Luz Negra_
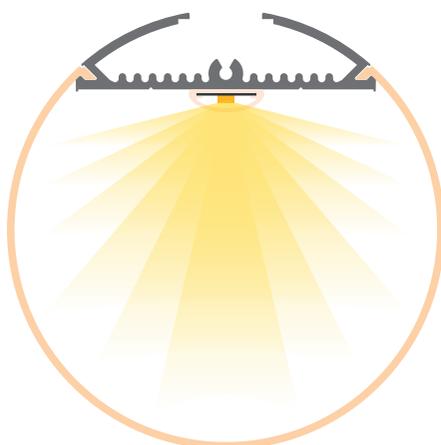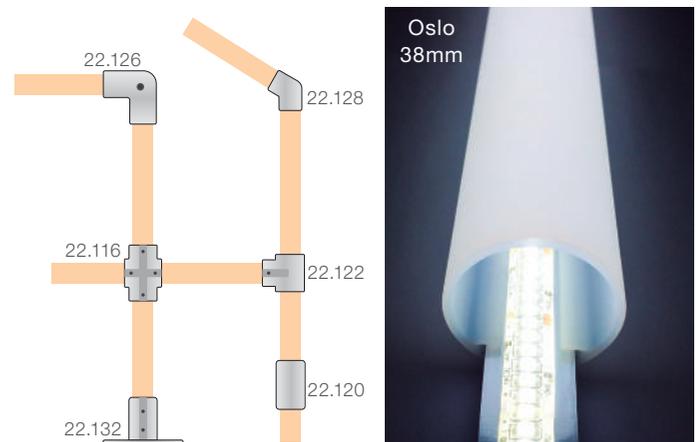
TEXAS MINI
10x10mm

Finish	●
Length	2m
Cover	▨
Max. power led	15W/m

AMSTERDAM MINI **NEW**
13.4x11.8mm

Finish	● ●
Length	1m / 2m
Cover	▨
Max. power led	12W/m

AMSTERDAM
30x15.5mm

Finish	●
Length	2m / 3m
Cover	▨
Max. power led	20W/m

SPLIT
16x16mm

Finish	●
Length	2m / 3m
Cover	▨
Max. power led	20W/m

ZAGREB
16x16mm

Finish	●
Length	2m / 3m
Cover	▨
Max. power led	20W/m

TEXAS
18.5x18.5mm

Finish	● ○
Length	2m / 6m
Cover	▨ ▨ ▢
Max. power led	20W/m

SOPHIA
19.3x19.3mm easyON IP65

Finish	● ○ ●
Length	2m / 6m
Cover	⌒ ■ ▨ ▨ ▢ ▦
Max. power led	25W/m

SOPHIA XL
22.5x22.5mm easyON IP65

Finish	● ○ ●
Length	2m / 6m
Cover	⌒ ■ ▨ ▨ ▢ ▦
Max. power led	30W/m

30° 60°
60° 30°

Asymmetric

SOPHIA XL ASYMMETRIC
22.4x20.67mm easyON IP65

Finish	● ○ ●
Length	2m / 6m
Cover	⌒ ■ ▨ ▨ ▢ ▦
Max. power led	25W/m

Maximum dimension
for power supply:
30x30mm
or
20x40mm

MONACO
55x55mm

Finish	○
Length	2m
Cover	▨
Max. power led	30W/m

Do you want a very long luminaire without any joints?
You can use our **easy-ON** cover in 60m rolls or our **Flex&Cover** model in 50m rolls.

Types of covers: ⌒ Optic ■ Black&White ▨ Opal ▨ Frosted ▢ Transparent ▦ Microprism

led profile by Luz Negra

Treadable profiles for floors (including wooden), stairs, skirting boards, carpets and tiles.

On request, they can be provided customised, including the led strip and waterproofed, all with corresponding IK10 and IP68 certification. No MOQ required and short lead times.

DUBAI
38.1x10.8mm

Finish	●
Length	2m / 3m
Cover	▨
Max. power led	15W/m

QATAR
57.1x10.8mm

Finish	●
Length	2m / 3m
Cover	▨
Max. power led	20W/m

ESTAMBUL
63.5x12.7mm

Finish	●
Length	2m / 3m
Cover	▨
Max. power led	20W/m
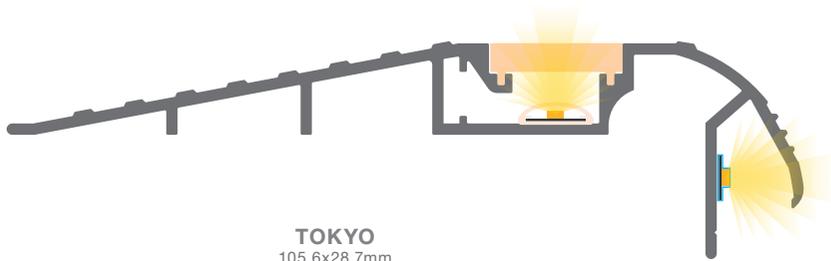
TOKYO
105.6x28.7mm

IK10
IP65

A+ Applus

Finish	● ●
Length	2m / 6m
Cover	▨
Max. power led	20W/m

NIZA ECO
53.6x20.6mm

Finish	●
Length	2.40m
Cover	▱
Max. power led	20W/m
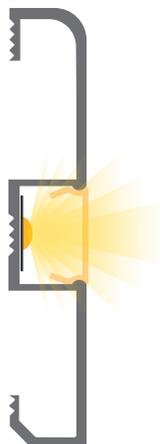
LONDRES
58x10.2mm

Finish	○
Length	2m
Cover	▨
Max. power led	20W/m
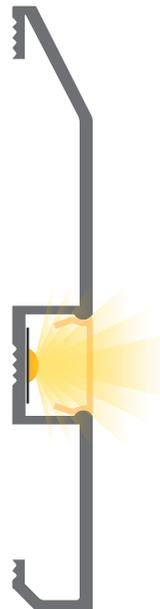
EDIMBURGO
80x10.2mm

Finish	○
Length	2m
Cover	▨
Max. power led	20W/m
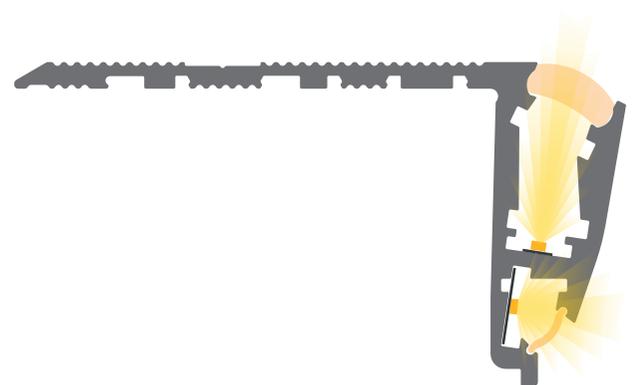
NIZA DUO
80.7x42.8mm

Finish	●
Length	2.40m
Cover	▱
Max. power led	20W/m

Types of covers: ⌒ Optic   ■ Black&White   ▨ Opal   ▨ Frosted   ☐ Transparent   ▦ Microprism   ▱ Plastic

led profile by Luz Negra

DUBLIN
26.6x11mm

		IK10
Finish	●	IP65
Length	2m / 6m	A⊕ Applus
Cover	▨	
Max. power led	20W/m	

FLORENCIA
59.5x14.8mm

		IK10
Finish	● ●	IP65
Length	2m / 6m	A⊕ Applus
Cover	▨	
Max. power led	25W/m	

DUBLIN XL
20.8x26mm

IK10 IP65 A⊕ Applus

Finish	●
Length	2m / 3m
Cover	▨
Max. power led	20W/m
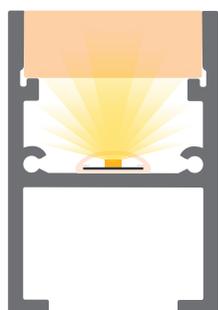
AZORES
28x40mm

Finish	●
Length	2m
Cover	▨
Max. power led	30W/m

For improved safety for the floor profiles, we recommend using our resin service IP68 - IK10

Customised cutting service

Here at Luz Negra we have a numerical control cutting machine with a double tilt-and-turn head, to offer our clients a cutting service for both straight cuts and in angles for a fine and precise finish.

Types of covers: ⌃ Optic ■ Black&White ▨ Opal ▨ Frosted ☐ Transparent ⁙ Microprism

led profile by Luz Negra

BURDEOS
10.2x32mm

Finish	○
Length	2.60m
Cover	
Max. power led	16W/m
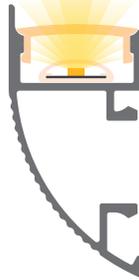
GALICIA
17.6x36mm

Finish	● ○
Length	2m / 3m
Cover	▨
Max. power led	20W/m

COMENZA
42x37mm

STAINLESS STEEL

Finish	●
Length	5m
Cover	◠ ■ ▨ ▨ □ ▦
Max. power led	20W/m

KENTUCKY
17.6x50mm

Finish	●
Length	2m / 3m
Cover	▨
Max. power led	15W/m

TALLIN
29.4x50mm

NEW

Finish	○
Length	2m / 3m
Cover	▨
Max. power led	20W/m

Maximum dimension for power supply:
30x30mm
or
20x40mm
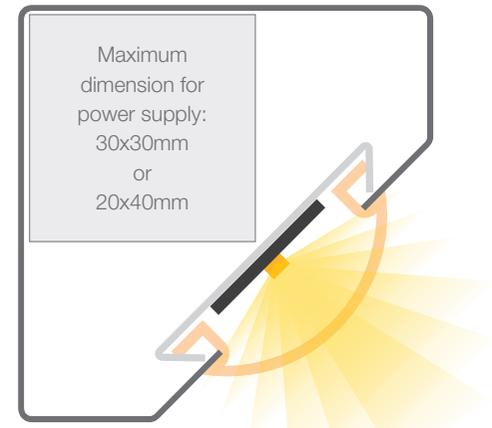
MONACO
55x55mm

Finish	○
Length	2m
Cover	▨
Max. power led	25W/m

COMENZA

Our led profile Comenza is ideal for wall installations as a handrail, lighting up corridors and staircases etc.

We can integrate our Versalles profile (most recommended option) or Philadelphia model into this profile.

In addition, it has a wide range of accessories such as wall supports, end caps , joining pieces and open or closed elbow joints.

Types of covers: ◠ Optic   ■ Black&White   ▨ Opal   ▨ Frosted   □ Transparent   ▦ Microprism   ▨ Plastic

led profile by Luz Negra
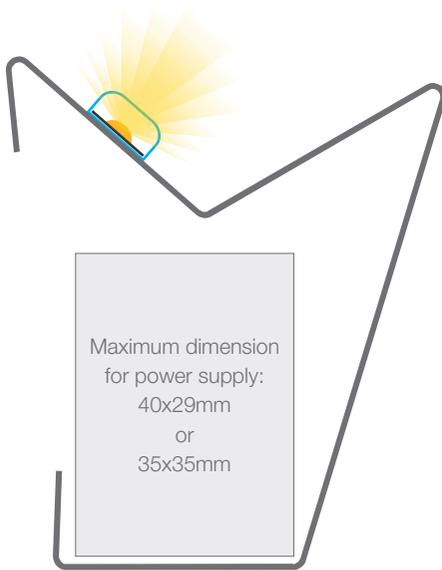
Maximum dimension
for power supply:
40x29mm
or
35x35mm

VENEZIA
58x68mm

Finish	⚪
Length	2m
Cover	
Max. power led	20W/m

CLEVELAND
19.2x70mm

Finish	⚫
Length	2m / 3m
Cover	
Max. power led	20W/m

ATLANTA SLIM
15.8x71mm

Finish	⚫⚪
Length	2m / 3m
Cover	▨
Max. power led	20W/m
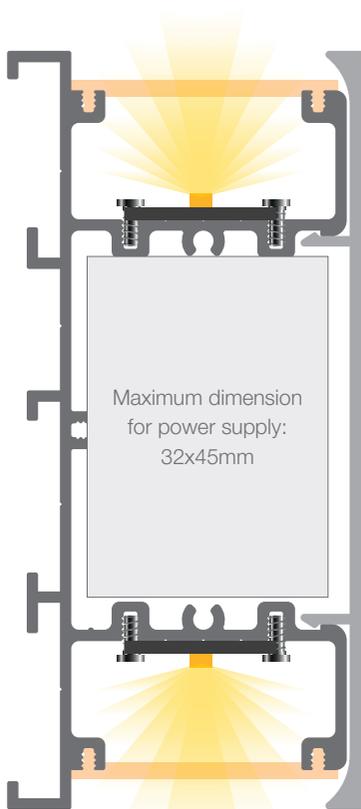
easyON IP65

Maximum dimension
for power supply:
32x45mm

NEW WASHINGTON
47x100mm   NEW

Finish	⚫⚪⚫
Length	3m / 6m
Cover	■ ▨ ▦
Max. power led	30W/m

fixing with clip

power supply

removable front plate

fixing with screw

power supply

Types of covers: ◠ Optic ■ Black&White ▨ Opal ▨ Frosted ☐ Transparent ▦ Microprism
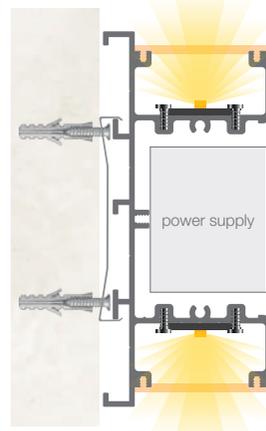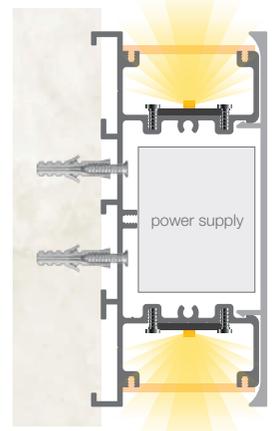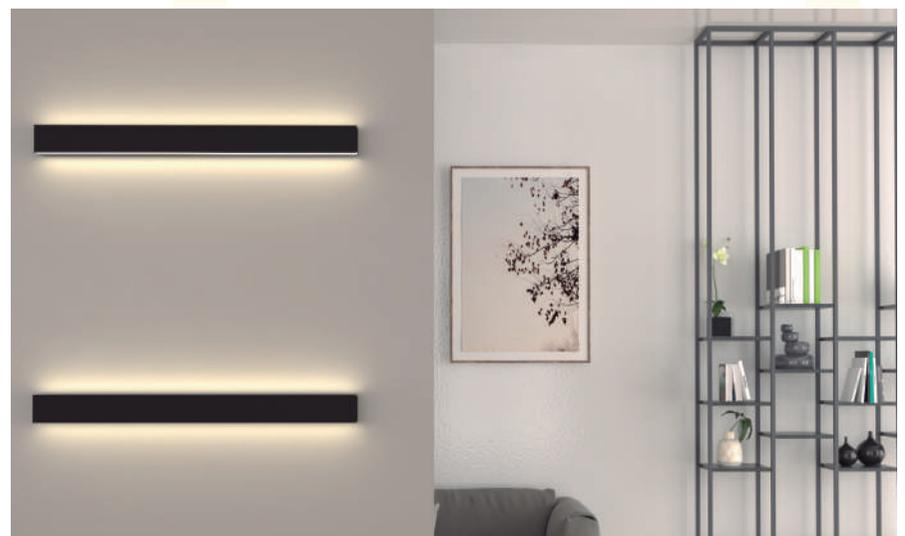
Profile for shelves offering upper and lower lighting.

light for upper shelf

text

light for lower shelf

BONN
135.5x21.4mm

NEW
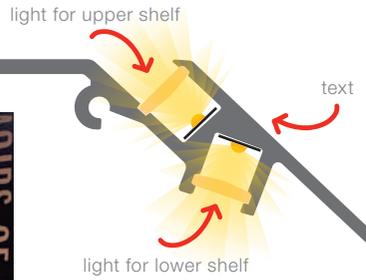
Finish	●
Length	1m / 2m
Cover	▨
Max. power led	15W/m

HANNOVER
15x30.8mm

Finish	●
Length	3m / 6m
Cover	▨▨□
Max. power led	30W/m
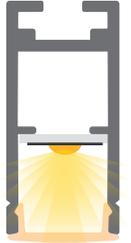
PLETINA 15
15x3mm

Finish	●
Length	1m
Max. power led	20W/m

PLETINA 25
25.5x1.5mm

Finish	●
Length	3m
Max. power led	20W/m

PLETINA 34
34x1.5mm

Finish	●
Length	6m
Max. power led	20W/m

PLETINA 54
54x1.5mm

Finish	●
Length	6m
Max. power led	20W/m

PLEXILED SLIM
40x7mm

Finish	●
Length	3m
Max. power led	25W/m

PLEXILED
76x10mm

Finish	●
Length	2m / 6m
Max. power led	25W/m

MONTECARLO
25x13.3mm

Finish	● ○
Length	6m
Max. power led	25W/m

A03
15x20mm

Finish	● ○ ●
Length	6m
Max. power led	20W/m
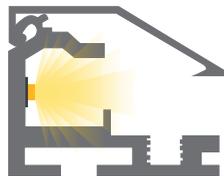
ALFA 2
38.9x21.5mm

Finish	●
Length	2m / 6m
Max. power led	25W/m
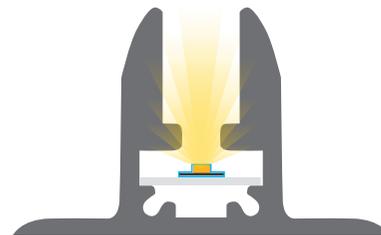
GINEBRA
50x30mm

Finish	●
Length	3m
Max. power led	25W/m

Types of covers: ⌒ Optic ■ Black&White ▨ Opal ▨ Frosted □ Transparent ▦ Microprism ▱ Plastic

led profile by Luz Negra

Architectural led profiles designed to integrate into walls and ceilings made of plasterboard, plaster, tiles and similar.

PORTLAND / BALTIMORE

MONTANA
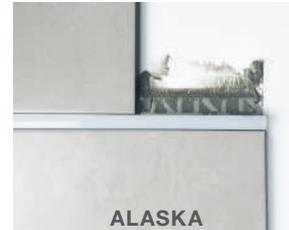
ALASKA

ALASKA
36x11.3mm

Finish	●
Length	2m / 3m
Cover	▨▧□
Max. power led	20W/m

MONTANA
61.5x14mm

Finish	●
Length	2m
Cover	▨
Max. power led	25W/m

BRASILIA
50.1x15.4mm

Finish	○
Length	2m / 3m
Cover	▨
Max. power led	20W/m
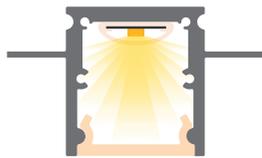
BUDAPEST
34.4x19.7mm

Finish	○
Length	2m
Cover	▨
Max. power led	20W/m

BALTIMORE
60.6x26.6mm

Finish	●
Length	2m / 3m
Cover	▨▧□
Max. power led	20W/m

BELFAST
47.4x25mm

Finish	○
Length	2m
Cover	▨
Max. power led	25W/m
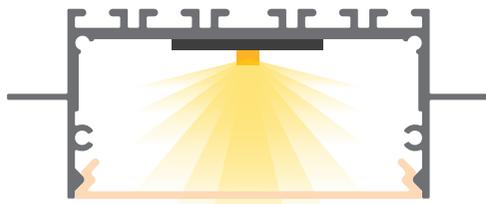
PRAGA
64x25mm

Finish	○
Length	2m
Cover	▨
Max. power led	30W/m
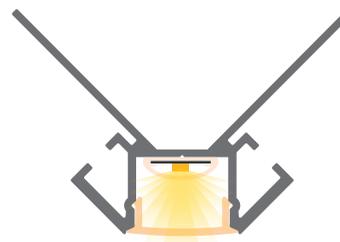
PORTLAND
45.1x30.3mm

Finish	●
Length	2m / 3m
Cover	▨▧□
Max. power led	20W/m

MADEIRA
73.8x44.6mm

Finish	�
Length	6m
Cover	■▨□
Max. power led	40W/m

easyON IP65
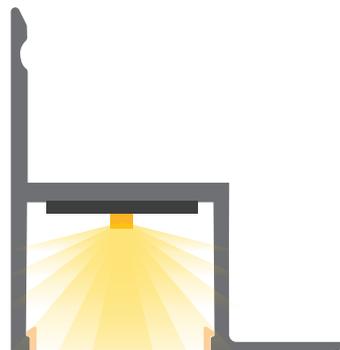
KANSAS
45x46.7mm

Finish	●
Length	2m
Cover	▨
Max. power led	30W/m

Types of covers: ◠ Optic ■ Black&White ▨ Opal ▨ Frosted □ Transparent ▦ Microprism

led profile by Luz Negra

Aluminium led profiles which can be curved to create shapes.

Flexible PVC profiles for inserting into wood, dry-wall finishes, etc. They act as a cover for the led strip.

ALUMINIUM LED PROFILES

MILANO SLIM
16x5mm

Finish	● ●
Length	2m / 6m
Cover	■ ▧ ▨ ☐ ▦
Max. power led	15W/m

easyON IP65

HARMONY XS
11x4.5mm

Finish	● ○
Length	2m / 3m
Cover	▧ ☐
Max. power led	15W/m

HARMONY
18x5.5mm

Finish	● ○
Length	2m / 3m
Cover	▧ ☐
Max. power led	15W/m

PVC FLEX&COVER LED PROFILES

TOULOUSE
14x7mm

Finish	⊠
Length	10m / 50m

LILLE
13.6x7mm

Finish	⊠
Length	10m / 50m

ARLES
22.4x8.3mm

Finish	⊠
Length	10m / 40m

CANNES
11.2x9.5mm

Finish	⊠
Length	10m / 50m

MARSELLA
12x10mm

⊠ ⊠ ⊠ ⊠
⊠ ⊠ ⊠ ⊠

Finish	
Length	10m

AVIÑON
20.4x12mm

Finish	⊠
Length	10m / 25m

ESBLY
7.5x15.5mm

Finish	⊠
Length	10m / 40m

MONTRY
16.8x16mm

Finish	⊠
Length	20m

Types of covers: ⌒ Optic ■ Black&White ▧ Opal ▨ Frosted ☐ Transparent ▦ Microprism ▱ Plastic

led profile

Flexible silicone neon for inserting flexible led strips inside.

We have a heat-sealing machine with IP67 to seal the ends.
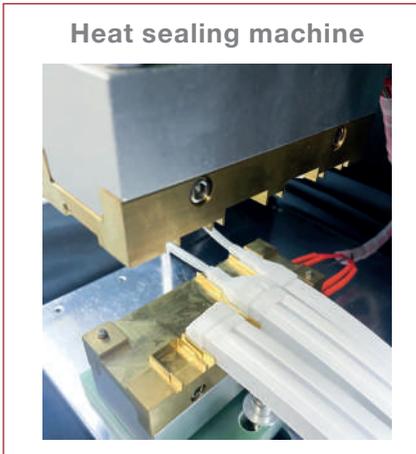
NEON SLIM
13x5mm **NEW**

Curvature	vertical
For strip with PCB	10mm
Max. power led	12W/m

NEON MINI
6x12mm

Curvature	horizontal
For strip with PCB	8mm
Max. power led	12W/m

Heat sealing machine

NEON CUADRADO XL
12x12mm

Curvature	vertical
For strip with PCB	8mm
Max. power led	12W/m

NEON REDONDO XL
20x19mm

Curvature	vertical
For strip with PCB	10mm
Max. power led	12W/m
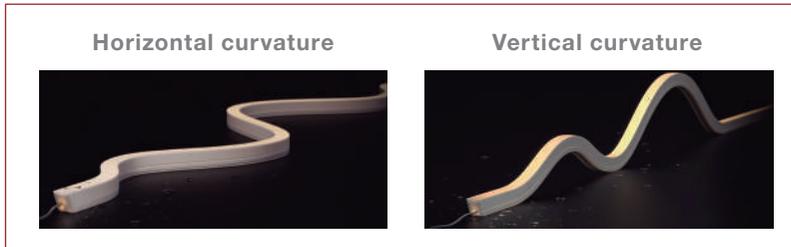
Horizontal curvature

Vertical curvature

NEON XL
12x20mm

Curvature	horizontal
For strip with PCB	10mm
Max. power led	14W/m

New Neon Easy / Neon Las Vegas Easy for simple insertion.

They offer a new system to easily insert the led strip via the rear opening. You can combine them with our Infinity led strip direct at 230V to make neon lights up to 50 metres in length and with electric feed from one single end, without any power supply or voltage drop.

NE0N 360°
ø25mm **NEW**
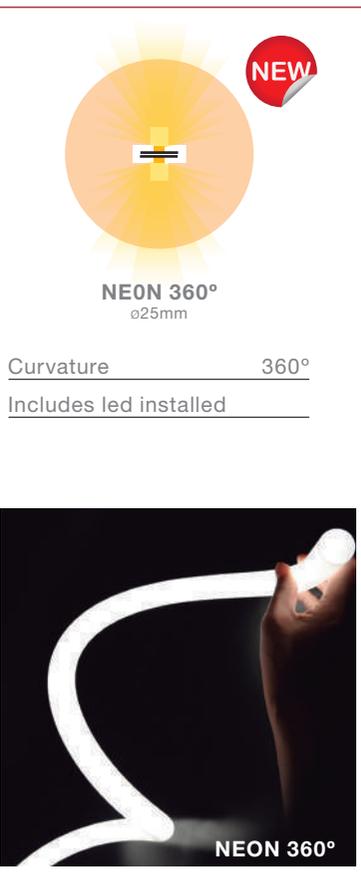
Curvature	360°
Includes led installed	

NEON EASY
20x16mm **NEW**

Curvature	vertical
For strip with PCB	12mm
Max. power led	14W/m

NEON LAS VEGAS EASY
12x20mm **NEW**

Curvature	horizontal
For strip with PCB	12mm
Max. power led	14W/m

NEON LAS VEGAS
12x20mm

Curvature	horizontal
For strip with PCB	10mm
Max. power led	14W/m

NEON 360°

↰ *Open*

↰ *Open*
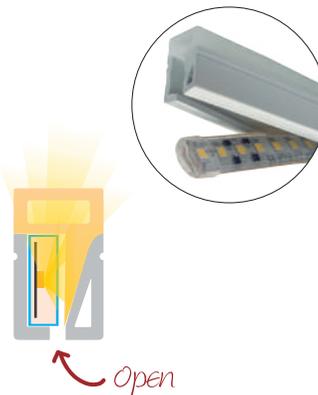
NEON LAS VEGAS XL
20x25mm

Curvature	horizontal
For strip with PCB	10mm
Max. power led	14W/m

Types of covers and how to choose the most adequate for each project.

| Treadable IK10 | Transparent, opal, frosted and B&W | Flex&Cover | Square with rounded edges | Frosted and Black&White square | Frosted side wings |
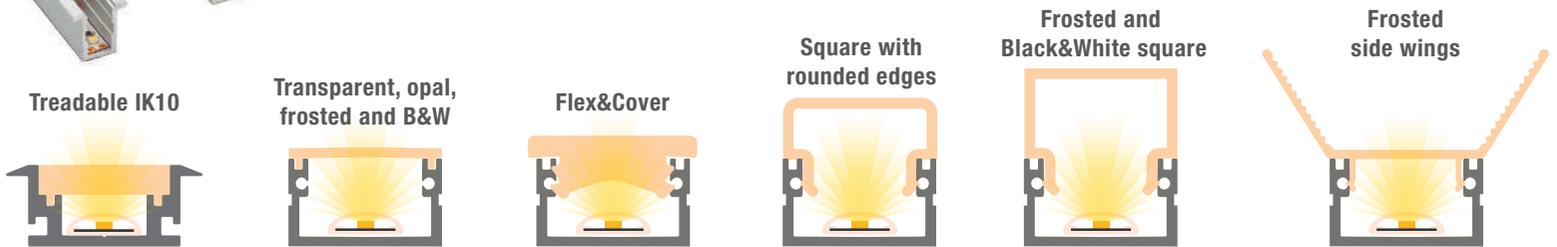
Transparent - 90% light transmission: for installations where a dot-free effect is not essential.

Transparent microprism - 85% light transmission: combined with our COB led, it provides maximum light output without a dotting effect and at the same time lowers the UGR.

Frosted - 70% light transmission: white cover with a high level of light transmission. Ideal for COB led strips or with a high density of leds (from 140 leds in normal profiles and 240 leds in small profiles).

Opal - 60% light transmission: white cover with a medium level of light transmission that allows greater diffusion of the leds (for strips with low density).

Black&White - 25% light transmission: black cover that blends in with black furniture or walls when the led is off. When turned on, gives off a decorative light without altering the original colour of the led.

Square - 70% light transmission: offers side lighting (as well as from the front) and greatly diffuses the led dots even in very low density strips.

Square rounded corners - 70% light transmission: its rounded edges offer a homogeneous dimming of the led. As it is lower than the square cover, it gives less side lighting, but the rest of the benefits are identical between the two.

Black&White square - 25% light transmission: mix between the square cover and the Black&White cover. It allows front and side lighting with great diffusing power and is totally black with the light off.

Side wings - 65% light transmission: original design which is similar to a reflector effect. We can direct the light beam towards a smaller surface, improving the aniti-glare. The wings are frosted so they emit a soft light outwards. Combined with our profile Paris XL, it brings elegance and sophistication to the installation.

Flex&Cover - 50% light transmission: robust treadable rubber cover that is supplied in rolls of up to 50 metres to create long luminaires without any frontal joints. In addition, it offers a great dot-free effect.

Treadable IK10 - 65% light transmission: cover for treadable profiles with its corresponding Applus IK10 certificate.

Opaque - 0% light transmission: opaque cover that does not transmit light. Ideal for blind sections in luminaires.

Components for led profile. They adapt to the different profile clips.

Embedding clip 20.003

Adjustable clip 20.004

Hanging KIT 21.001

20.003 (clip not included)

20.004 (clip not included)

20.001
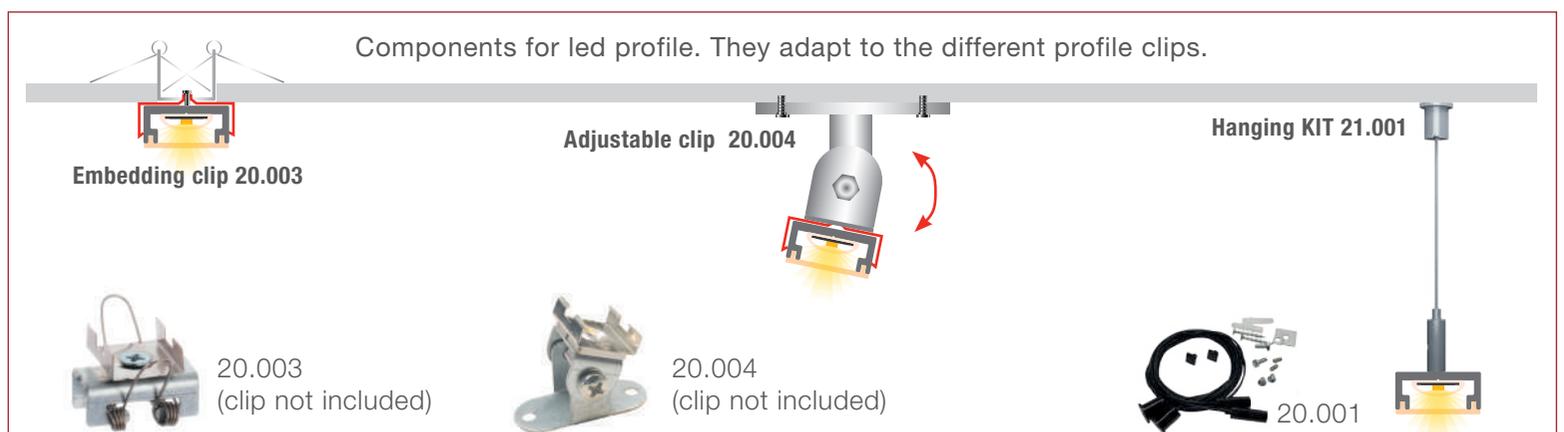
MOSCU MAGNUM

MUNICH MAGNUM

MOSCU MAGNUM SLIM

MUNICH MAGNUM SLIM

MOSCU MINI

MUNICH MINI

Led profiles and covers up to 6 metres in one piece without any joints.
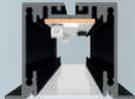
MOSCU
MINI
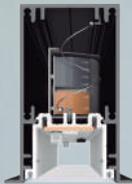
MOSCU
MAGNUM
SLIM
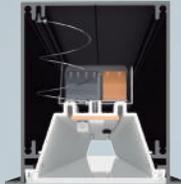
MOSCU
MAGNUM

MUNICH
MINI

MUNICH
MAGNUM
SLIM

MUNICH
MAGNUM

**Front removable tray system
(safety anchorage)**

System with front removable tray which permits easy access to the led strip and power supply, therefore allowing very fast and simple maintenance.
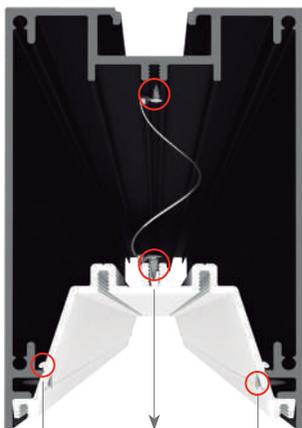
safety cable to hold
tray to profile

profile clipping
with tray

holding screw from
tray to profile

Up&Down cover available in transparent or frosted white.

Safety cable which fixes the removable tray to the profile and also making maintenance easier.

Vossloh-Schwabe power supply with Dali, 1-10V or PUSH controllers, offering a 5 year guarantee.

Aluminium front removable tray with triple safety system (clipping of cover, safety cable and screw).
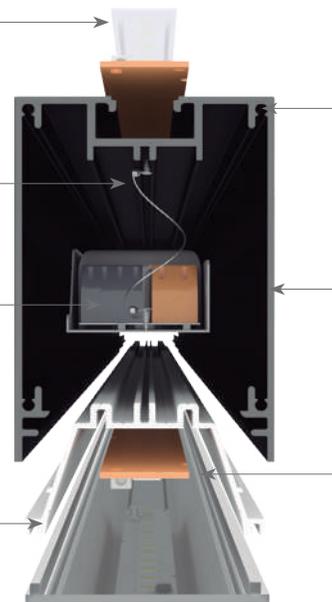
Internal side cavities for holding profile joints and for the corner brackets in the case of requiring luminaires with angles.

Aluminium profile (98% purity), both in a lacquered and textured finishing (Qualicoat), available in black or white. Also available in silver anodised (Qualanod) of 15 microns

Rigid led strip (Vossloh-Schwabe) for Up&Down lighting, offering constant current and up to 9000 lumens per metre (170 Lm/W). We offer a 5 year guarantee.

BIG profiles

"easy-ON" IP65 cover (Luz Negra European patent), available in opal white, transparent microprism and Black&White.
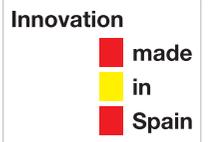
IP65

Innovation
made
in
Spain

"Up & Down"
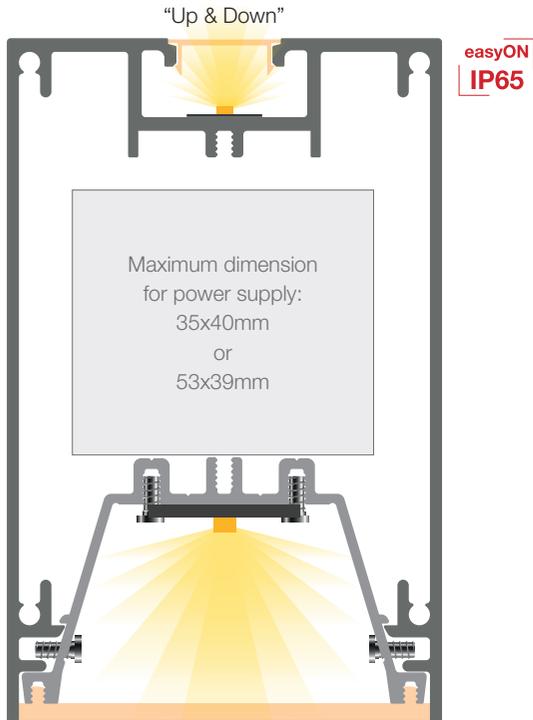
easyON
IP65

Maximum dimension
for power supply:
35x40mm
or
53x39mm

MUNICH MAGNUM
57.6x90mm

Finish	● ○ ●
Length	6m
Cover	
For rigid led strips	40W/m

"Up & Down"
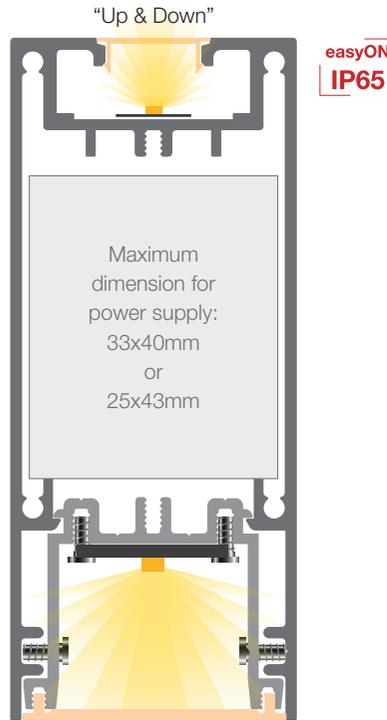
easyON
IP65

Maximum
dimension for
power supply:
33x40mm
or
25x43mm

MUNICH MAGNUM SLIM
38x90mm

Finish	● ○ ●
Length	6m
Cover	
For rigid led strips	40W/m
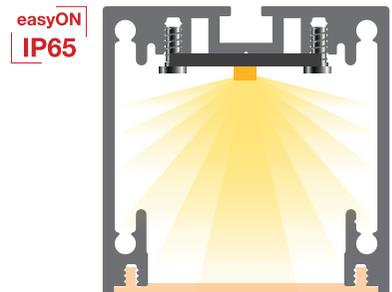
easyON
IP65

MUNICH MINI
38x38mm

Finish	● ○ ●
Length	6m
Cover	
For rigid led strips	40W/m

"Up & Down"
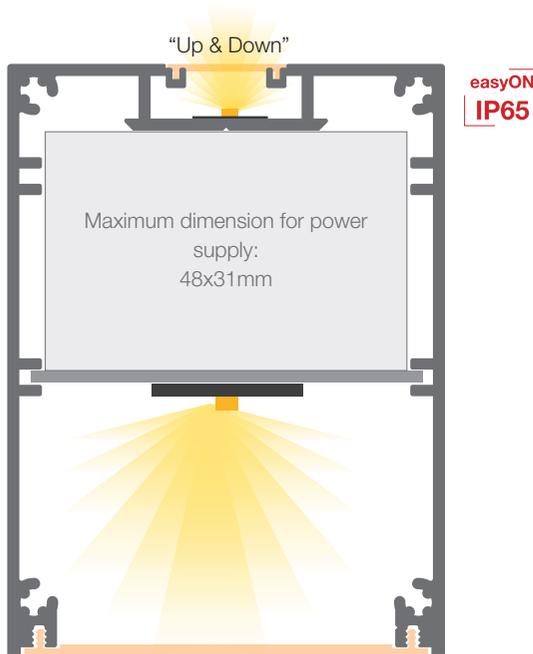
easyON
IP65

Maximum dimension for power
supply:
48x31mm

MUNICH
58x78mm

Finish	● ○ ●
Length	6m
Cover	
For rigid led strips	40W/m
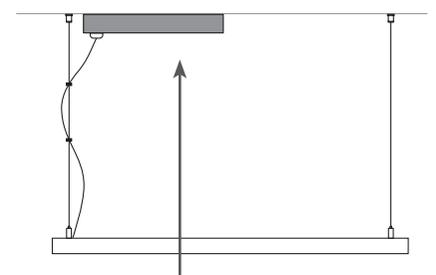
**Led profile box to house the
external power supply.**
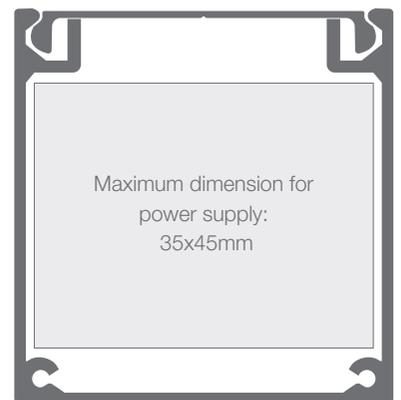
Maximum dimension for
power supply:
35x45mm

CABLE MANAGEMENT BOX
50x51mm

Finish	● ○ ●
Length	3m

Types of covers: ⌒ Optic   ■ Black&White   ▨ Opal   ▨ Frosted   ☐ Transparent   ▦ Microprism

led profile by Luz Negra

LOLA
39.9x87.5mm **NEW**

Maximum dimension for power supply: 48x24mm

Finish	
Length	6m
Cover	⊞
For rigid led strips	40W/m

Maximum dimension for power supply: 70x32mm
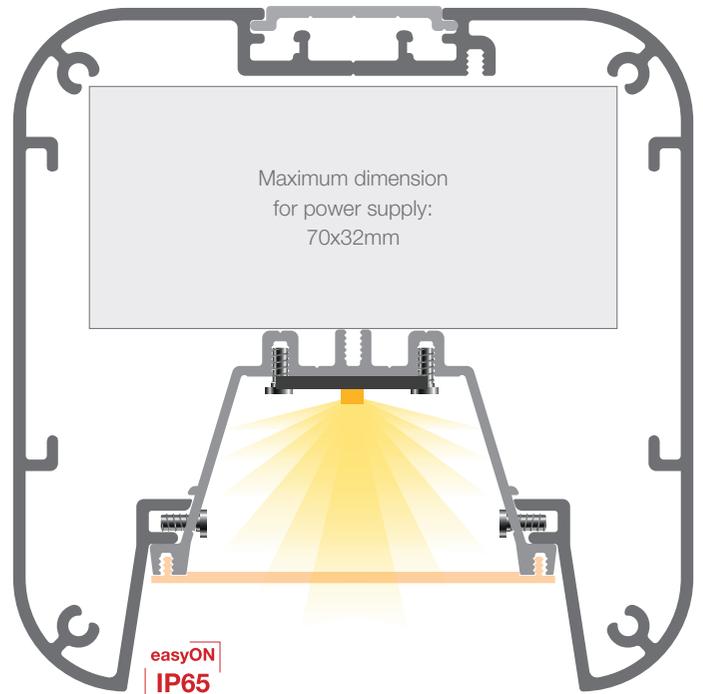
easyON **IP65**

ANTONIO
90x90mm **NEW**

Finish	
Length	6m
Cover	▨ ⊞
For rigid led strips	40W/m
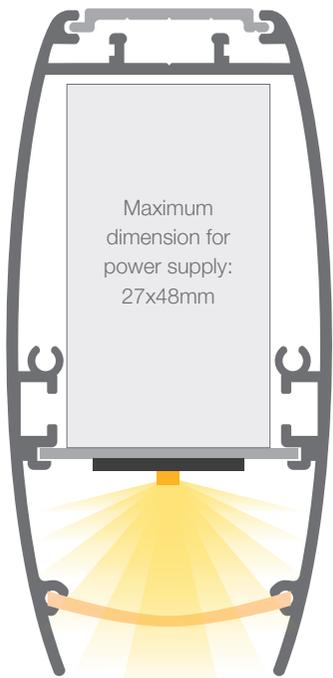
RICARDO
43x87.7mm **NEW**

Finish	
Length	6m
Cover	▨ ⊞
For rigid led strips	40W/m

Maximum dimension for power supply: 27x48mm

easyON **IP65**

Maximum dimension for power supply: 60x42mm
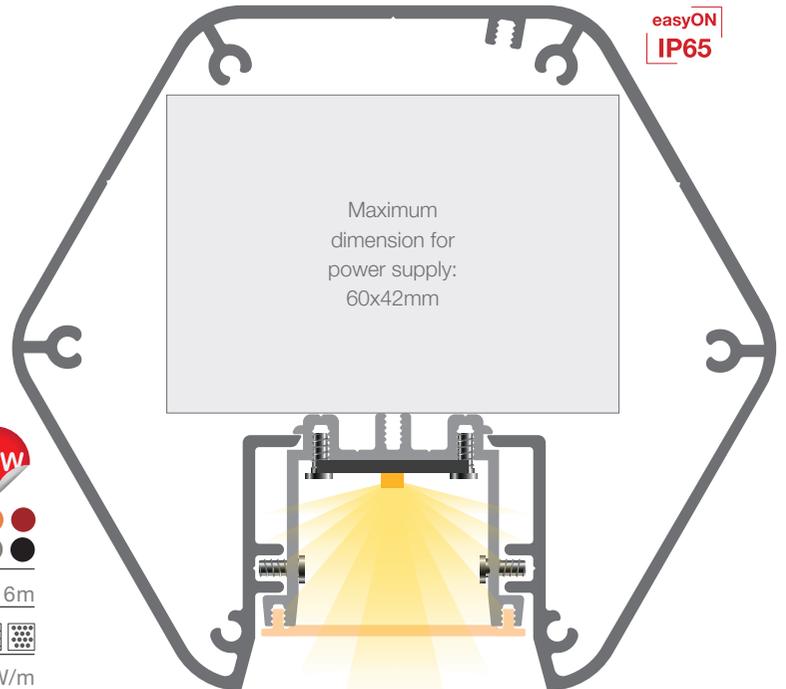
PACO
100x90mm **NEW**

Finished	
Length	6m
Cover	■ ▨ ⊞
For rigid led strips	40W/m

○ RAL 9003
● RAL 1014
● RAL 1034
● RAL 3013
● RAL 6000
● RAL 5009
● RAL 7030
● RAL 9005

Available in 8 different colours

Types of covers: ⌒ Optic ■ Black&White ▨ Opal ▨ Frosted ▢ Transparent ⊞ Microprism

easyON
IP65

Maximum
dimension for
power supply:
52x35mm
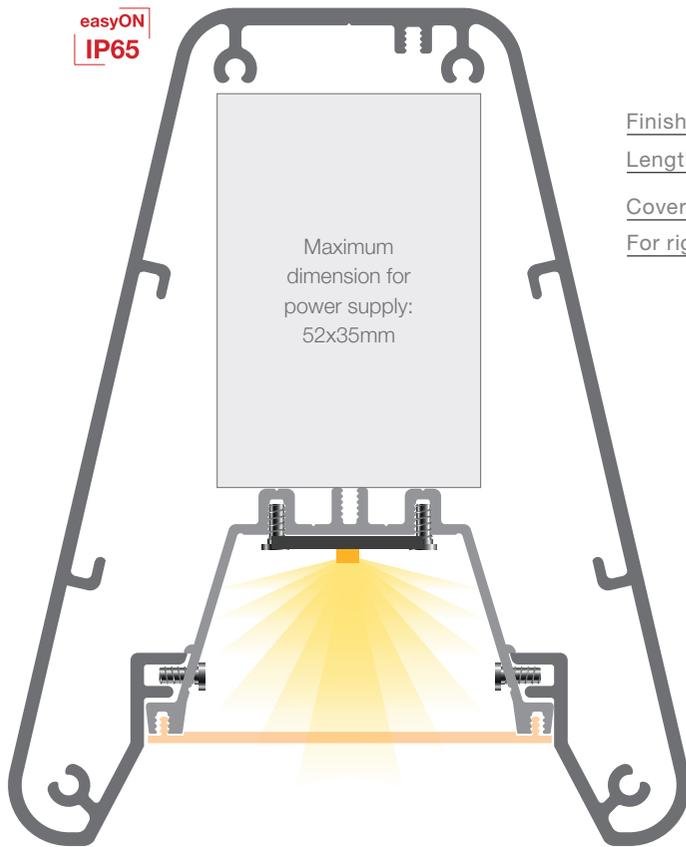
CARMEN
90x110mm
NEW

Finish	
Length	6m
Cover	
For rigid led strips	40W/m

3-phase rail

Maximum
dimension
for power
supply:
22x48mm
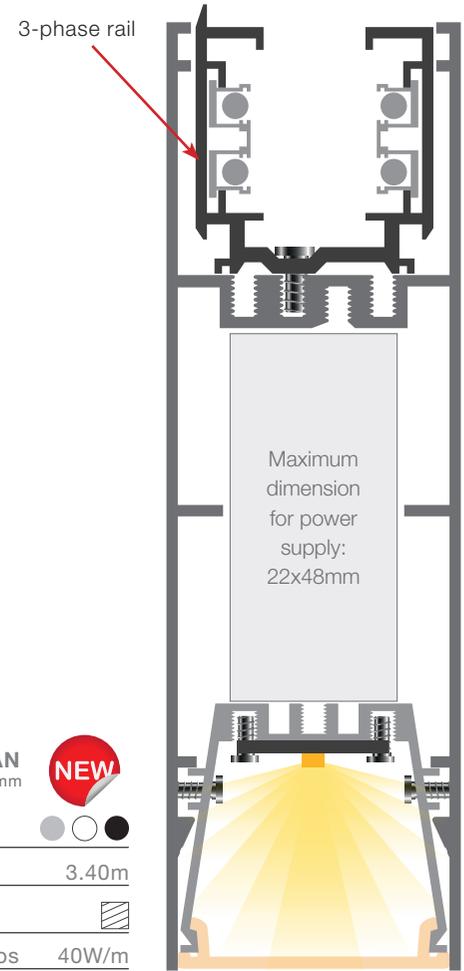
KAZAN
39x125mm
NEW

Finish	
Length	3.40m
Cover	
For rigid led strips	40W/m

Maximum dimension for power
supply:
90x17mm

"Up & Down"

easyON
IP65

Maximum dimension for power
supply:
54x30mm
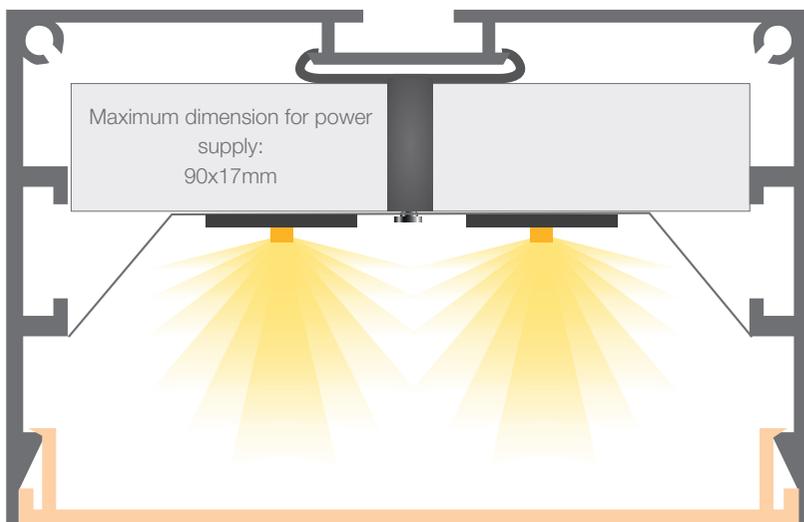
BRUSELAS
107x68mm

Finish	
Length	3.40m
Cover	
For rigid led strips	70W/m
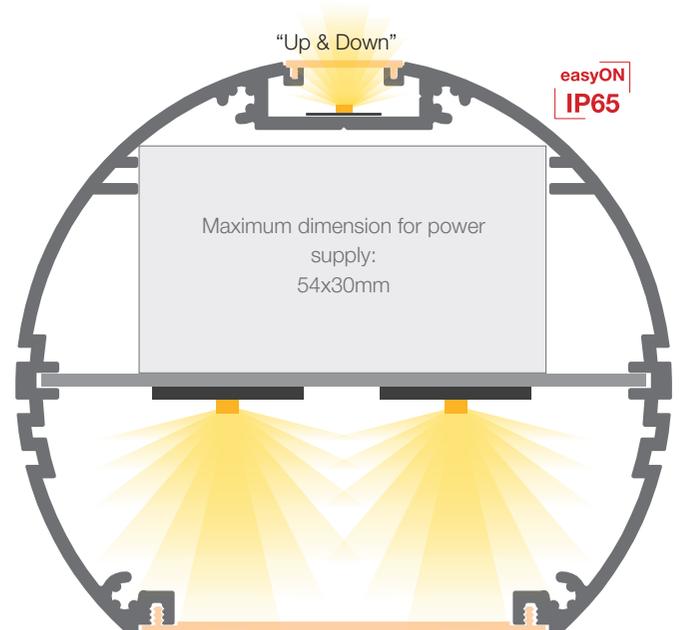
SICILIA
87x75.3mm

Finish	
Length	6m
Cover	
For rigid led strips	40W/m

RAL colour: ○ RAL 9003 ○ RAL 1014 ○ RAL 1034 ● RAL 3013 ● RAL 6000 ● RAL 5009 ● RAL 7030 ● RAL 9005

Types of covers: ⌇ Optic ■ Black&White ▨ Opal ▨ Frosted ☐ Transparent ▦ Microprism

Maximum dimension for power supply:
44x43.5mm
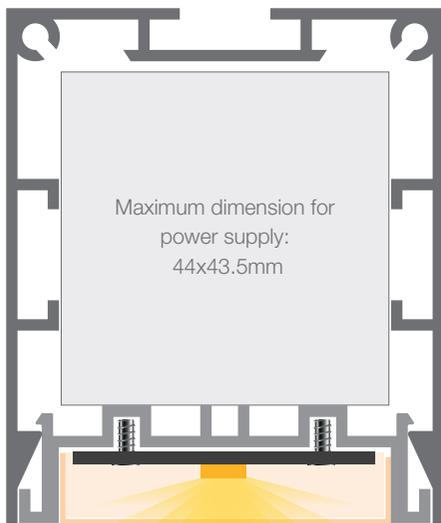
GALES WITH OPTIC
58x68mm

Finish	⬤◯⬤
Length	3.40m
For rigid led strips	40W/m
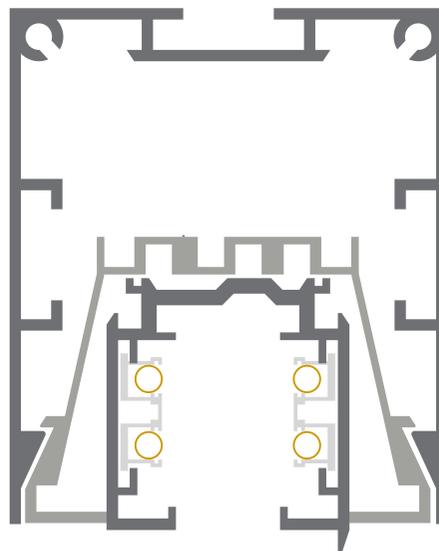
GALES WITH TRAY AND "GLOBAL" 3-PHASE RAIL
58x68mm

Finish	◯⬤
Length	3.40m
For rigid led strips	40W/m

Maximum dimension for power supply:
43.5x22.5mm
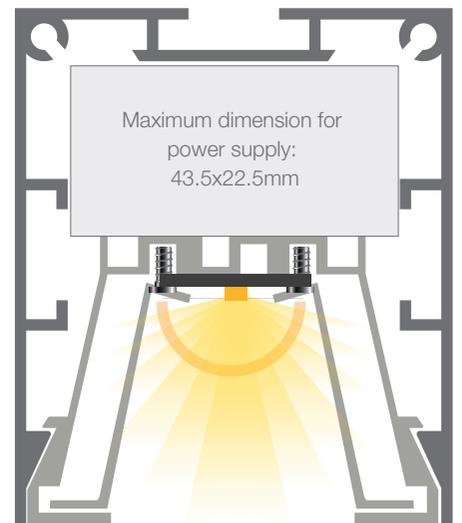
GALES WITH TRAY AND TRELLIS
58x68mm

Finish	◯⬤
Length	3.40m
For rigid led strips	40W/m

Maximum dimension for power supply:
43.5x21.5mm
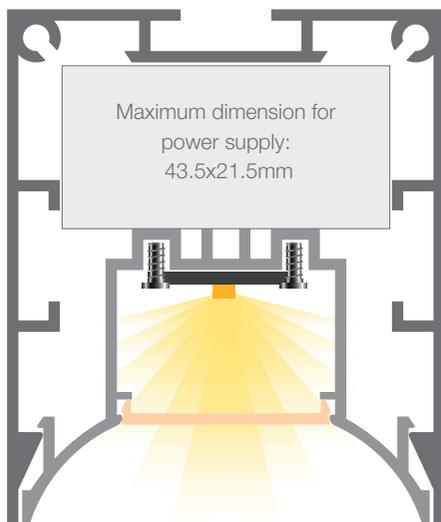
GALES WITH RECESSED TRAY
58x68mm

Finish	⬤◯⬤
Length	3.40m
For rigid led strips	40W/m

Maximum dimension for power supply:
43.5x22.5mm
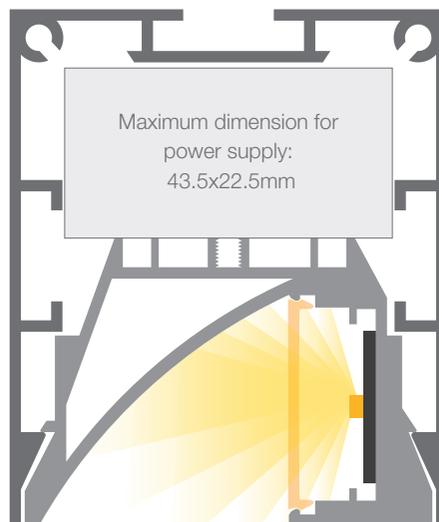
GALES ASYMMETRIC
58x68mm

Finish	⬤◯⬤
Length	3.40m
For rigid led strips	40W/m
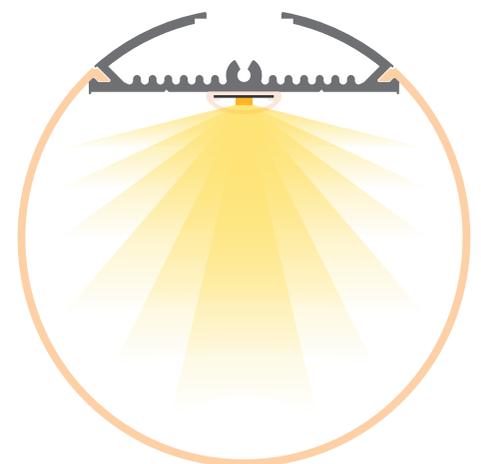
HOUSTON
ø60mm

Finish	⬤
Length	2m / 3m
For rigid led strips	30W/m

RECESSED

OPTIC

TRELLIS

ASYMMETRIC

led profile by Luz Negra
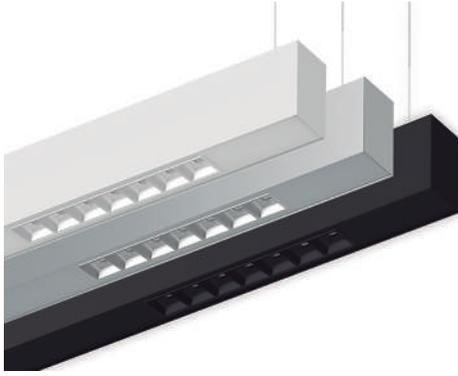
The new Comfort Series is made up of a collection of 6 profiles with different reflectors such as 50°, 80° and asymmetrical optics for relaxed and comfortable lighting with a very low UGR (glare index).

reflector →

optic →

led rigid strip →

Maximum dimension for power supply: 21x32mm

New series

small reflector
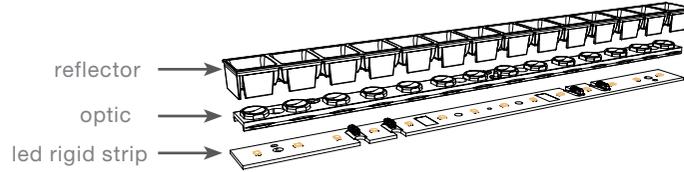
PARIS COMFORT
34.5x25mm

Finish	○ ●
Length	3.40m
Max. power led	30W/m

small reflector

ROMA COMFORT
28x25mm

Finish	○ ●
Length	3.40m
Max. power led	30W/m

normal reflector
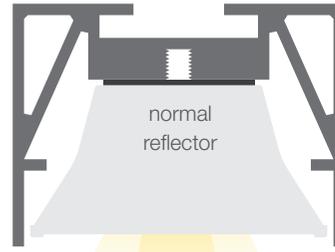
MUNICH MINI COMFORT
44x32mm

Finish	○ ●
Length	3.40m
Max. power led	40W/m

small reflector
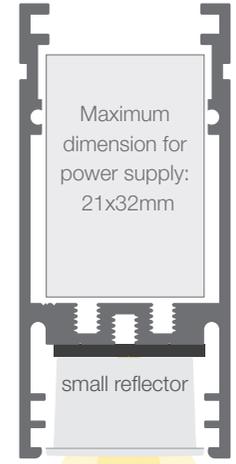
MUNICH COMFORT
28x60mm

Finish	○ ●
Length	3.40m
Max. power led	40W/m

Maximum dimension for power supply: 44x32mm

normal reflector
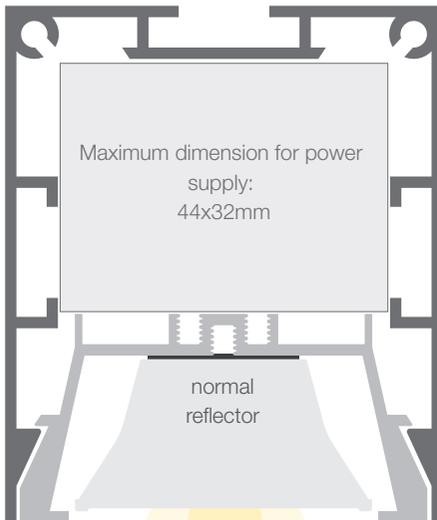
GALES COMFORT
58x68mm

Finish	○ ●
Length	3.40m
For rigid led strips	40W/m
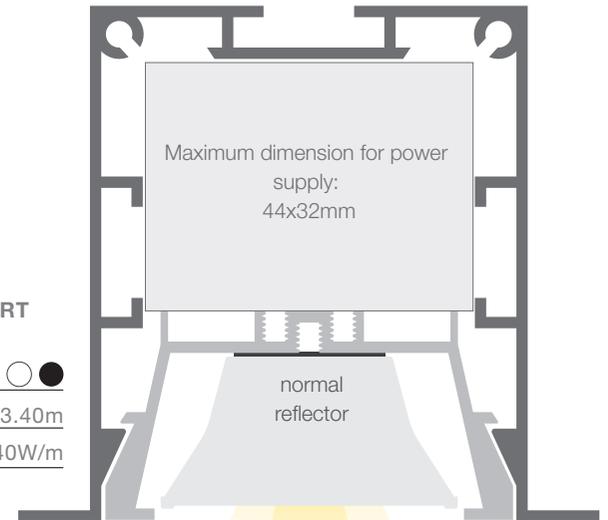
KRAKOVIA COMFORT
77x68mm

Finish	○ ●
Length	3.40m
For rigid led strips	40W/m

Maximum dimension for power supply: 44x32mm

normal reflector

Possible combinations (profile+reflector)
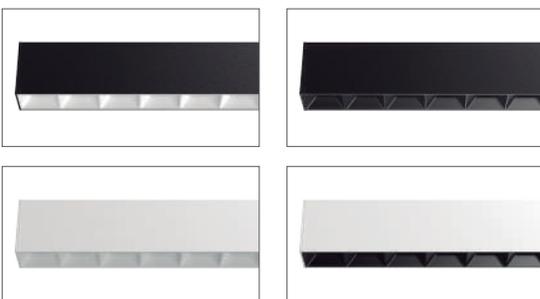
Optics:
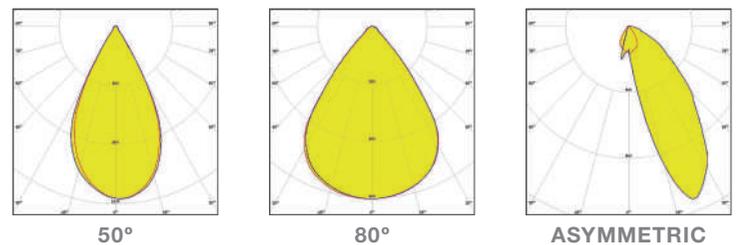
50°   80°   ASYMMETRIC

SIDNEY
45x13mm · **NEW**

Finish	⬤ ◯
Length	2m / 2.5m
Cover	▨
For rigid led strips	20W/m
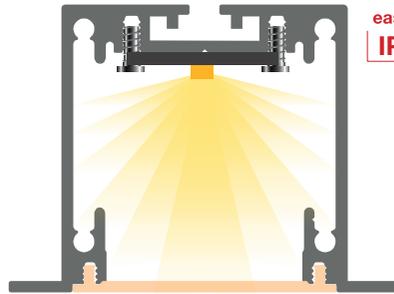
MOSCU MINI
52x38mm · easyON **IP65**

Finish	⬤ ◯ ⬛
Length	6m
Cover	⬛ ▨ ▥
For rigid led strips	40W/m
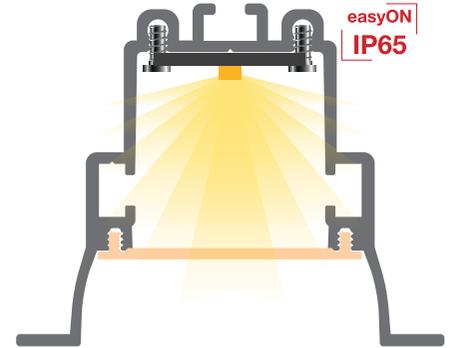
KIEV
56.5x45mm · easyON **IP65** · **NEW**

Finish	◯ ⬛
Length	6m
Cover	⬛ ▨ ▥
For rigid led strips	40W/m

Accessories

90° angle bracket
22.035   aluminium

Joining plate
22.034   aluminium

Flat bracket
22.058   steel
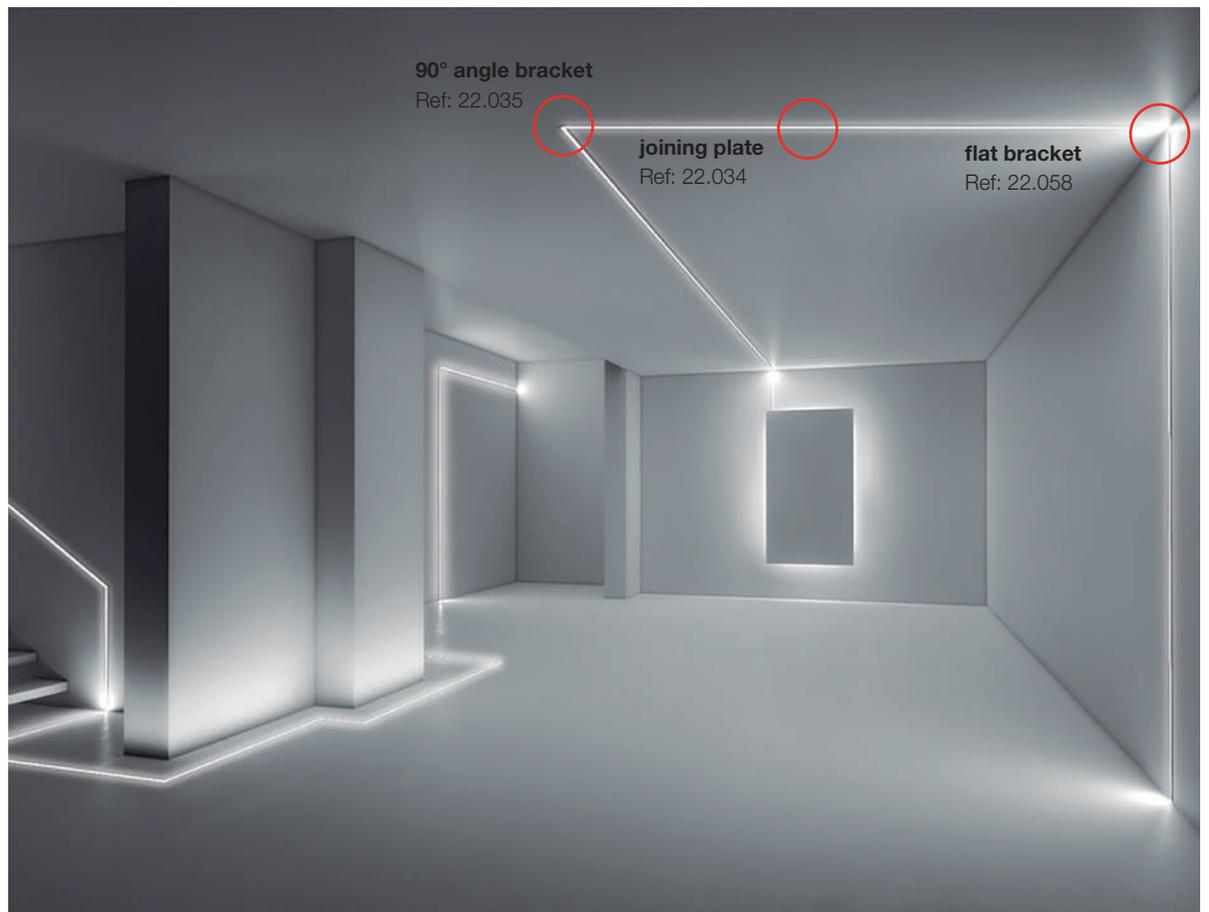
90° angle bracket
Ref: 22.035

joining plate
Ref: 22.034

flat bracket
Ref: 22.058

Types of covers: ⌒ Optic   ⬛ Black&White   ▨ Opal   ▱ Frosted   ▢ Transparent   ▦ Microprism

led profile by Luz Negra
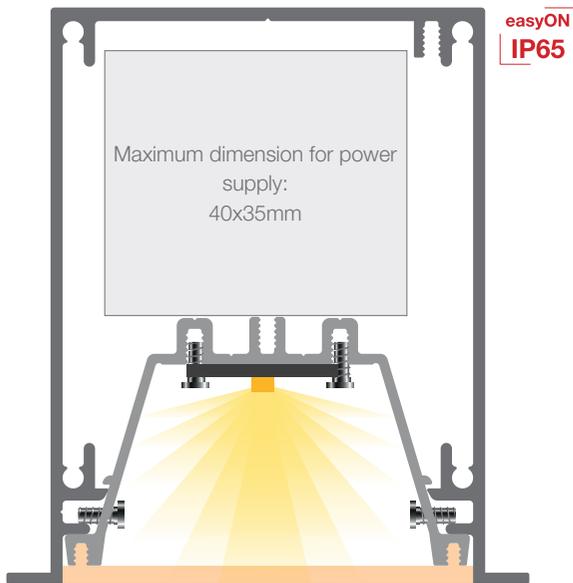
easyON
IP65

Maximum dimension for power supply:
40x35mm

MOSCU MAGNUM
72x76mm

Finish	⬤ ◯ ⬤
Length	6m
Cover	▨ ▦
For rigid led strips	40W/m
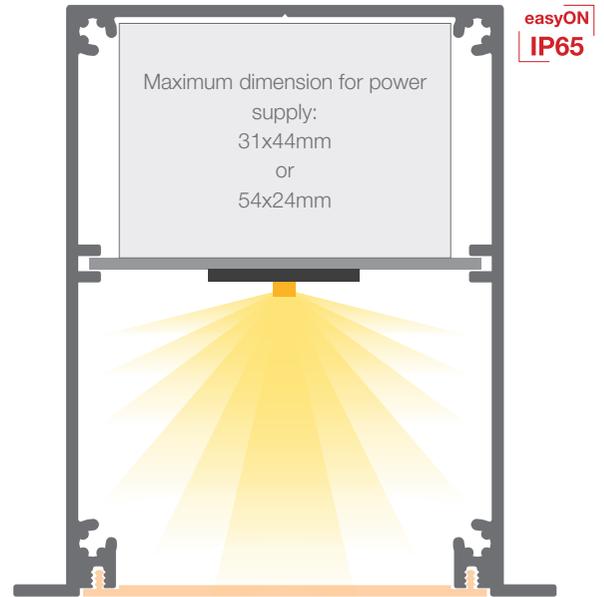
easyON
IP65

Maximum dimension for power supply:
31x44mm
or
54x24mm

MOSCU
72x78mm

Finish	⬤ ◯ ⬤
Length	6m
Cover	▨ ▦
For rigid led strips	40W/m
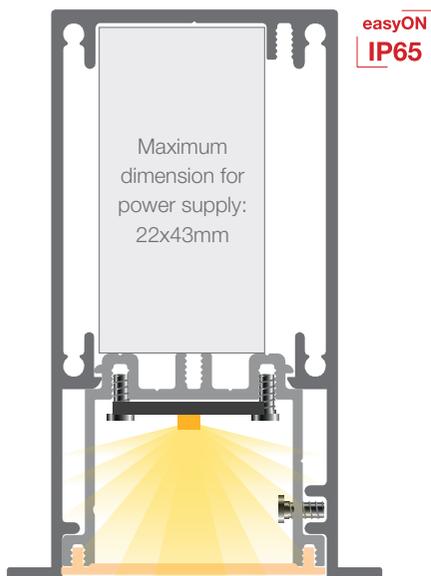
easyON
IP65

Maximum dimension for power supply:
22x43mm

MOSCU MAGNUM SLIM
52x75mm

Finish	⬤ ◯ ⬤
Length	6m
Cover	⬛ ▨ ▦
For rigid led strips	40W/m
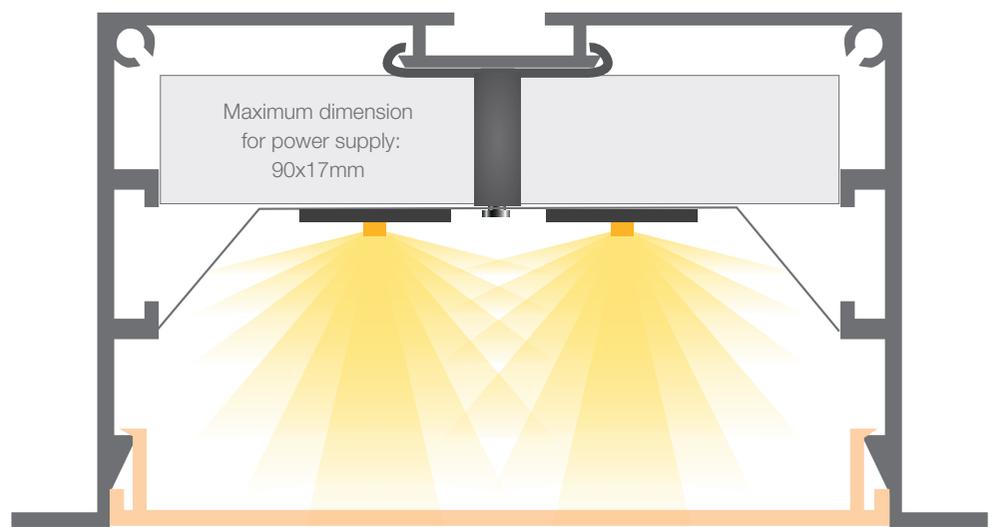
Maximum dimension for power supply:
90x17mm

ANDORRA
126x68mm

Finish	◉ ◯ ⬤
Length	3.40m
Cover	▨
For rigid led strips	70W/m

Types of covers: ◠ Optic ⬛ Black&White ▨ Opal ▨ Frosted ▢ Transparent ▦ Microprism

led profile by Luz Negra
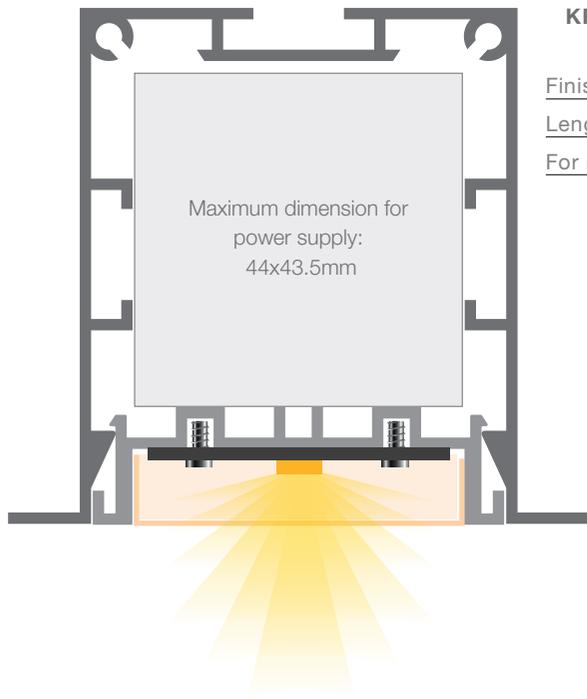
KRAKOVIA WITH OPTIC
77x68mm

Maximum dimension for power supply: 44x43.5mm

Finish	◕ ○ ●
Length	3.40m
For rigid led strips	40W/m

KRAKOVIA WITH TRAY AND "GLOBAL" 3-PHASE RAIL
77x68mm

Finish	○ ●
Length	3.40m
For rigid led strips	40W/m
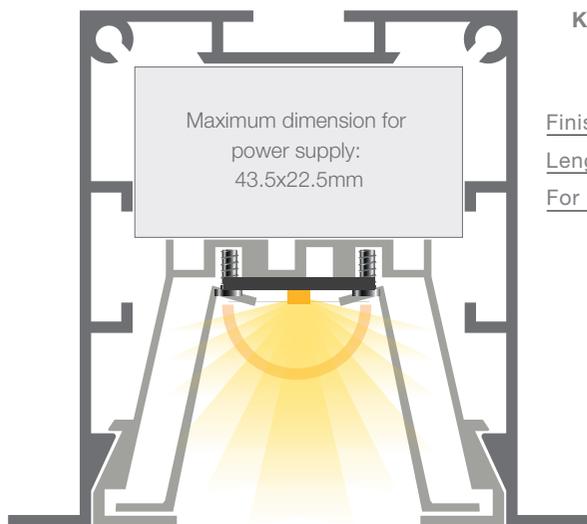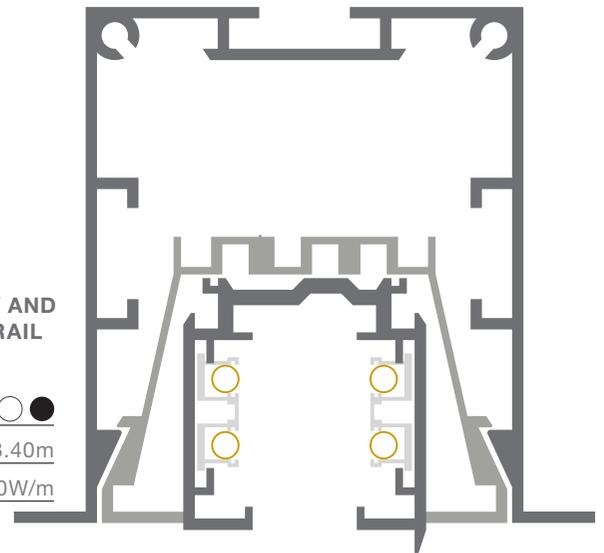
KRAKOVIA WITH TRAY AND TRELLIS
77x68mm

Maximum dimension for power supply: 43.5x22.5mm

Finish	○ ●
Length	3.40m
For rigid led strips	40W/m

KRAKOVIA WITH RECESSED TRAY
77x68mm

Maximum dimension for power supply: 43.5x21.5mm

Finish	◕ ○ ●
Length	3.40m
For rigid led strips	40W/m
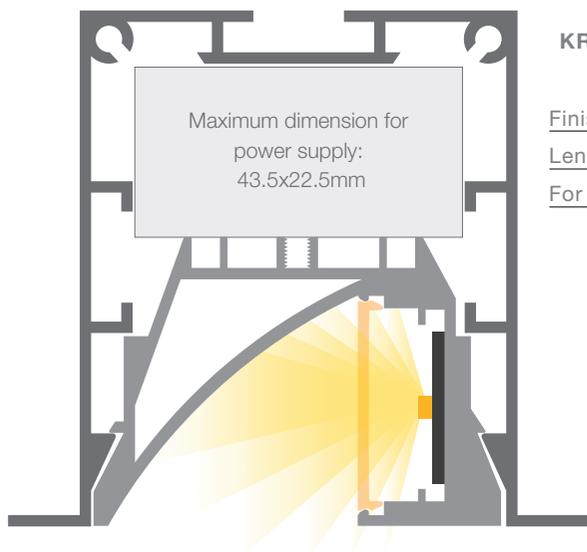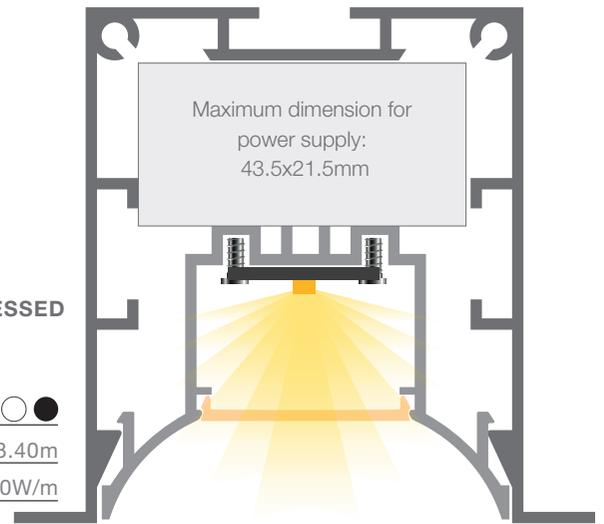
KRAKOVIA ASYMMETRIC
77x68mm

Maximum dimension for power supply: 43.5x22.5mm

Finish	◕ ○ ●
Length	3.40m
For rigid led strips	40W/m

RECESSED

OPTIC

TRELLIS

ASYMMETRIC

At Luz Negra quality is not an option, but an obligation.

We have our own laboratory at our main factory in Barcelona, where we carry out exhaustive quality controls, both of the raw material and of the products we manufacture before supplying them to our customers.

Salt spray chamber (corrosion tester):

This machine tests the resistance of products in humid and saline environments (near the sea).

Spectroradiometer with a 120cm sphere:

For carrying out photometric studies and measurements on both raw materials and manufactured luminaires.

Goniophotometer in Dark Room:

This generates IES and LDT files for 3D rendering programs and light calculations such as DIAL**ux** and **Re**lux.

Waterproof testing chamber:

This equipment tests the resistance of products that must work submerged up to 29 atmospheres.

Torsion testing for flexible led strips:

This carries out torsion cycles on the flexible strips to check the resistance under harsh manipulation.

Temperature and humidity chamber:

This makes stress tests on the main components and led strips, taking them to the limit so we can work only with the best components.

Heat dissipation:

This measures the temperature to which the flexible strips and luminaires reach in order to limit consumption depending on the thermal dissipation of each profile.
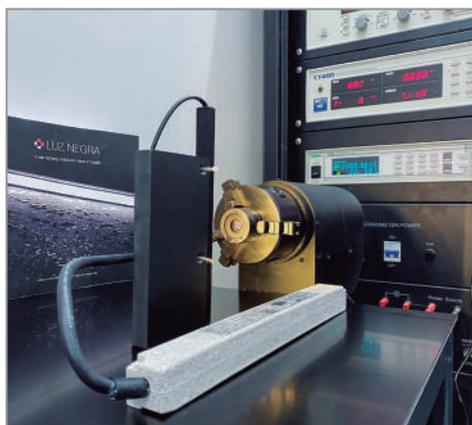
High speed photometer:

This measures the flicker and the stroboscopic effect, ensuring all our products comply with the European EPREL regulation (European Product Database for Energy Labelling).

Resistance machine:

This evaluates the resistance of the welding and joints of the flexible strips, as well as the adhesion of the double-sided tapes.

ecoled by Luz Negra

Luz Negra designs and manufactures for linear lighting and under its own **ecoled** brand, high quality flexible strips with constant voltage.

We also commercialise led. modules from the German company Vossloh with high performance luminosity (greater than 190 lm/W) and with a 5-year warranty.

√ + 80 models available in stock.

√ Strips at 12V - 24V - 48V - 230V.

√ 24V rigid strips with symmetrical and asymmetrical lenses.

√ Tuneable white (CCT) and RGB flexible panels.

√ Flexible strips RGB - RGB+W - tuneable white (CCT) - digital.

√ COB flexible strips in 8 different models.

√ Shades 1800K - 2100K - 2400K - 2700K - 3000K - 4000K - 5000K - 6000K.

√ Strips with high CRI and Sunlike technology.

√ Waterproof levels IP20 - IP44 - IP65 - IP67.

√ Strips with die-cut PCB which can bend horizontally and vertically.

√ Strips in rolls of 5.50 and 100 metres.

√ Updated photometric studies of all models in our own laboratory.

√ Web configurator that makes it easy to select the most suitable model.

Practical tips regarding led strips

Complete list of our led strips
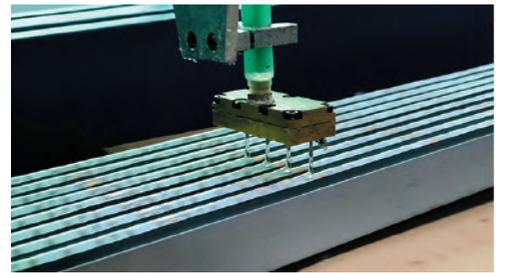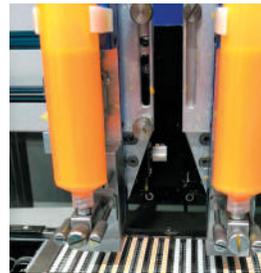
Waterproof DUO

Luz Negra has developed an exclusive sealing system called waterproof DUO that gives IP67 while maintaining the flexibility of the IP65 strips and without increasing their total width.

Luz Negra's waterproof DUO is the only water-tight system with IP67 which maintains a width of 10mm and its original flexibility.
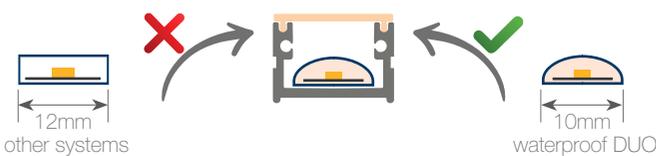
"DUO" System which surrounds the led strip 360º

Silicone 180º

PCB with assembled leds

12mm
other systems

10mm
waterproof DUO

Innovation
made
in
Spain

Working temperature
Brightness

Working temperature
Brightness

Working temperature
Brightness
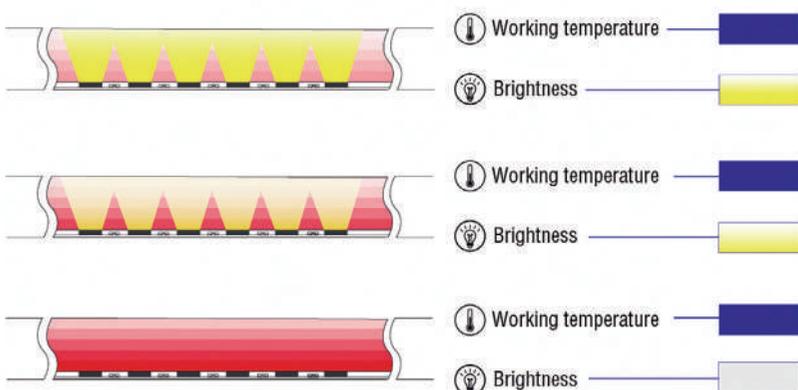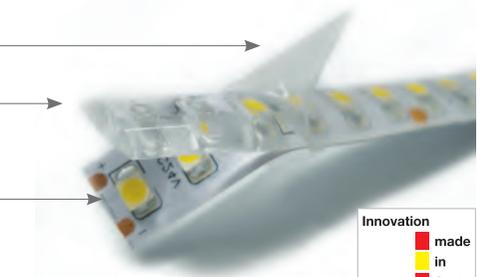
Heat Protection

Our Heat Protection System (installed in some of our models of led strips), allows you to stabilise the current by minimising the voltage drop (luminosity loss) and, in addition, means that the strip decreases its intensity until it turns off (if for some reason it overheats), meaning we can avoid deterioration.

ecoled by Luz Negra

Model	Power	Lumens	IP	Leds/m	Led	CRI	Size	T.colour
PINK 10 - (cut every 25mm)	10W/m	190 lm/m	IP20	120	SMD2835	-	5000x5x1.2mm	PINK
RUBI PRO - (cut every 50mm)	4.8W/m	430 lm/m	IP65	60	SMD3528	>85	5000x10x4mm	2800 6000
IBIZA - (cut every 50mm) - "waterproof DUO"	4.8W/m	440 lm/m	IP67	60	SMD3528	>90	5000x10x4mm	2800 4000 6300
ZCRION - (cut every 50mm)	4.8W/m	480 lm/m	IP20	60	SMD3528	>80	5000x8x2.1mm	3000
COB 5MM - (cut every 25mm)	7W/m	480 lm/m	IP20	384	COB	>90	5000x5x2.2mm	2400 4000
MENORCA - (cut every 31mm) - "sideview" side emitting led - "waterproof DUO"	7.7W/m	700 lm/m	IP67	96	SMD3014	>80	5000x10x5mm	2800 4000 5500
TOPACIO - (cut every 20mm)	11.5W/m	860 lm/m	IP20	144	SMD3528	>80	5000x10x4mm	2800 6000
GETAFE - (cut every 25mm) - "sideview" side emitting led	10W/m	cut 950 lm/m	IP20	120	SMD3014	>80	5000x6x1.8mm	2800 4000 6000
AVILA - (cut every 50mm)	12W/m	1000 lm/m	IP54	60	SMD2835	>90	5000x6x3mm	3000 4400 6000
COB 8MM - (cut every 10mm)	11W/m	1150 lm/m	IP20	600	COB	>90	5000x8x1.6mm	2800 4000 6000
BARCELONA - (cut every 12.5mm)	19.2W/m	1600 lm/m	IP20	240	SMD2216	>85	5000x10x1.2mm	3000 4000 6500
CRETA CCT "TUNABLE WHITE"- (cut every 25mm)	10W/m	780 lm/m	IP20	240	SMD2835	>90	5000x5x1.4mm	CCT 2300-6000
ESMERALDA RGB - (cut every 100mm)	7.2W/m	220 lm/m	IP65	30	SMD5050	-	5000x10x4mm	RGB
AGATA RGB - (cut every 50mm)	14.4W/m	350 lm/m	IP65	60	SMD5050	-	5000x10x4mm	RGB
JEREZ RGB - (cut every 60mm)	11.5W/m	400 lm/m	IP20	48	SMD5050	-	5000x8.5x1.8mm	RGB
IRUN RGB - (cut every 50mm) - "sideview" side emitting led	13.8W/m	400 lm/m	IP20	180	SMD3014	-	5000x6x1.6mm	RGB
ALICANTE RGB - (cut every 50mm)	14.4W/m	400 lm/m	IP20	60	SMD3535	-	5000x6x3mm	RGB
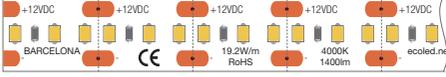
Model	Power	Lumens	IP	Leds/m	Led	CRI	Size	T.colour				
COB BLUE - (cut every 41.66mm) NEW	10W/m	180 lm/m	IP67	384	COB	-	5000x10x4.7mm	BLUE				
COB RED - (cut every 41.66mm) NEW	10W/m	200 lm/m	IP67	384	COB	-	5000x10x4.7mm	RED				
PINK 20 - (cut every 42mm)	20W/m	420 lm/m	IP20	168	SMD2835	-	5000x10x1.2mm	PINK				
PALMA - (cut every 125mm) - "heat protection"	4.8W/m	480 lm/m	IP20	56	SMD3014	>90	5000x10x1.2mm	2850	3200	4200		
ELITE 5 - (cut every 50mm)	5W/m	700 lm/m	IP20	140	SMD2835	>80	5000x10x1.2mm	3000	4000	6500		
TENERIFE - (cut every 62.5mm) - "heat protection"	9.6W/m	960 lm/m	IP20	112	SMD3014	>90	5000x10x1.2mm	2850	3200	4200		
COB 5MM - (cut every 41.66mm) NEW	10W/m	1100 lm/m	IP20	384	COB	>90	5000x5x2.2mm	2700	4000	6000		
VIZCAYA - (cut every 42mm) - "waterproof DUO" - "heat protection"	10W/m	1100 lm/m	IP67	144	SMD3528	<80	5000x10x4mm	2800	3000	4000	6500	
COB GREEN - (cut every 41.66mm) NEW	10W/m	1100 lm/m	IP67	384	COB	-	5000x10x4.7mm	GREEN				
FREE CUT- (cut every 23.8mm or every led) NEW	12W/m	1200 lm/m	IP20	252	SMD2025	>90	5000x8x1.2mm	2700	4000	6000		
ELITE 10 - (cut every 50mm)	10W/m	1250 lm/m	IP20	140	SMD2835	>80	5000x10x1.2mm	2400	2700	3000		
								4000	6500			
CIES - (cut every 26.3mm)	12W/m	1400 lm/m	IP20	266	SMD2010	>85	5000x4x1.2mm	3000	4000	6000		
								RED	GREEN	BLUE		
ZAFIRO - (cut every 100mm)	15W/m	1450 lm/m	IP65	60	SMD5050	>85	5000x10x4mm	2800	4000	7800		
COB 15W - (cut every 50mm)	15W/m	1530 lm/m	IP20	480	COB	>80	5000x10x2mm	2500	3000	4000	6500	
TREVELEZ - (cut every 41.6mm) - for meat	20W/m	1600 lm/m	IP54	192	SMD3528	>85	5000x10x2.5mm	2100				

Model	Power	Lumens	IP	Leds/m	Led	CRI	Size	T.colour						
COB IP67 - (cut every 49mm) NEW	15W/m	1720 lm/m	IP67	480	COB	>85	5000x10x5.3mm	3000	4000	6500				
CANOVELLES PRO - (cut every 25mm) - "waterproof DUO"	19.2W/m	1770 lm/m	IP67	266	SMD2216	>85	5000x10x3mm	2800	4000	6000				
MOTRIL - (cut every 41.6mm) - for brakeries	20W/m	1800 lm/m	IP65	192	SMD3528	>90	5000x10x2.5mm	2500						
HIERRO - (cut every 55.5mm) - "heat protection"	16W/m	1850 lm/m	IP20	126	SMD3014	>90	5000x10x1.2mm	2850	3200	4200				
ELITE 15 - (cut every 50mm)	15W/m	2014 lm/m	IP20	140	SMD2835	>80	5000x10x1.2mm	1800	2100	2400	2700	3000	4000	6500
LANZAROTE - (cut every 35.7mm) - "heat protection"	18W/m	2100 lm/m	IP20	196	SMD3014	>90	5000x10x1.2mm	2850	3200	4200				
ELITE 20 - (cut every 50mm)	20W/m	2570 lm/m	IP20	140	SMD2835	>80	5000x10x1.2mm	3000	4000	6500				
ANTEQUERA - (cut every 41,6mm) - for vegetables	20W/m	2200 lm/m	IP65	192	SMD3528	>90	5000x10x2.5mm	6000						
MALAGA FULL SPECTRUM - (cut every 29.4mm) - "Sunlike technology with ultraviolet led that doesn't emit blue light" NEW	23W/m	2400 lm/m	IP20	238	SMD2835	>97	5000x10x1.2mm	2700	4000					
GOMERA - (cut every 29.4mm) - "heat protection"	21W/m	2450 lm/m	IP20	238	SMD3014	>90	5000x10x1.2mm	2850	3200	4200				
SEVILLA FULL COLOUR - (cut every 50mm)	20W/m	2250 lm/m	IP20	160	SMD2835	>95	5000x10x1.2mm	2700	4000					
GRANADA - (cut every 62.5mm)	21W/m	3150 lm/m	IP20	128	SMD2835	>80	5000x5x1.1mm	2700	4000	6500				
CORDOBA ALTA LUMINOSIDAD - (cut every 41.6mm)	40W/m	**5400 lm/m**	IP20	192	SMD3040	>80	3000x10x1.2mm	2700	4000	5000	6000			
NERJA CCT "TUNABLE WHITE" - (cut every 50mm)	19.2W/m	1500 lm/m	IP20	120	SMD3528	>80	5000x10x1.9mm	CCT 3100-6500						
COB CCT "TUNABLE WHITE" - (cut every 50mm) NEW	20W/m	2000 lm/m	IP20	640	COB	>80	5000x10x2mm	CCT 2700-6000						

Scale 1:1 - Led at 24V

Model	Power	Lumens	IP	Leds/m	Led	CRI	Size	T.colour
BLANES CCT "TUNABLE WHITE" - (cut every 55mm) NEW	40W/m	**5200 lm/m**	IP20	288	SMD2835	>80	5000x14x1.58mm	CCT 1800-6500
COB RGB - (cut every 50mm) NEW	12W/m	510 lm/m	IP20	840	COB	-	5000x10x2mm	RGB
GERONA RGB - (cut every 31.25mm)	23W/m	1150 lm/m	IP20	224	SMD3535	-	5000x12x3mm	RGB
MARBELLA RGB+W - (cut every 100mm)	19W/m	800 lm/m	IP20	60	SMD5050	>80	5000x10x1.8mm	RGB+W - 3000
GANDIA RGB+W - (cut every 100mm)	14.4W/m	800 lm/m	IP67	60	SMD5050	>80	5000x12x3mm	RGB+W - 3200
COB RGB+W - (cut every 33.3mm) NEW	20W/m	920 lm/m	IP20	840	COB	>80	5000x12x1.7mm	RGB+W - 2500

Scale 1:1 - Led at 48V

Model	Power	Lumens	IP	Leds/m	Led	CRI	Size	T.colour
CASTELLON PRO - (cut every 100mm) - "heat protection"	12.8W/m	1320 lm/m	IP20	150	SMD2835	>80	10000x10x1.2mm	2800 4000 6000
CASTELLON RGB - (cut every 200mm) NEW	11W/m	470 lm/m	IP67	65	SMD5050	-	10000x12.2x5mm	RGB

Request our "customised welded strip" service

Model		Power	Lumens	IP	Leds/m	CRI	Size	T.colour			
INFINITY 9W - (cut every 100mm) - "for increased safety, silicone filling inside" NEW		9W/m	960 lm/m	IP67	140	>80	12x4mm	3000	4000		
Sold by metres and also in 100m rolls											
INFINITY COB 14W - (cut every 100mm) NEW		14W/m	1120 lm/m	IP66	560	>80	10x4mm	2700	4000	6000	
Sold by metres and also in 50m rolls											
INFINITY 14W - (cut every 100mm) - "for increased safety, silicone filling inside"		14W/m	1680 lm/m	IP67	140	>80	12x4mm	2300	2700	3000	4500
								6500	red	green	blue
Sold by metres and also in 100m rolls											
GHOST AMSTERDAM - (cut every 100mm) - "for increased safety, silicone filling inside"		14W/m	1450 lm/m	IP67	140	>80	14x10mm	3000	4000	6000	
Sold by metres and also in 100m rolls											
GHOST SOPHIA - (cut every 100mm) - "for increased safety, silicone filling inside"		14W/m	1450 lm/m	IP67	140	>80	24x14.5mm	3000	4000	6500	
Sold by metres and also in 100m rolls											
GHOST MILANO - (cut every 100mm) - "for increased safety, silicone filling inside"		14W/m	1450 lm/m	IP67	140	>80	26x4mm	3000	4000	6500	
Sold by metres and also in 100m rolls											
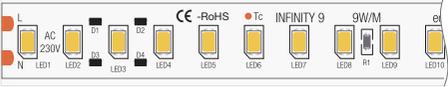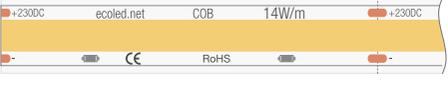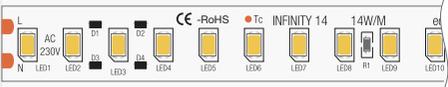
Our Infinity and Ghost strips are by far the most professional 230V products on the market. It is essential that these strips, which work at 230V, have the best quality sealing to avoid any possible accidents, as they are installed directly to the current. Therefore, we fill the inside of our 230V strips with silicone, making the installation safer.

In addition, they have 140 leds per metre instead of 120 (necessary for correct homogeneous lighting in normal led profiles) and is the only strip on the market with CE - RoHS - LVD - EMC and even IK10 certificates. Its design, where we oversize the capacity of the chip allows it to work 24 hours without hardly heating up.

CE EMC certificate

CE LVD certificate

RoHS certificate

IK10 certificate
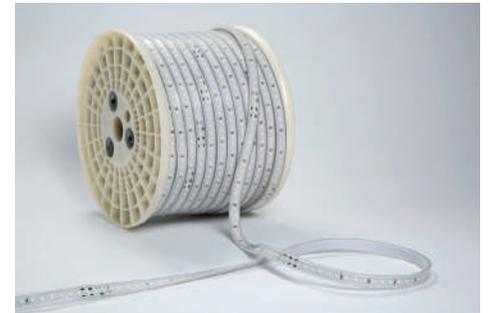
Infinity has a large number of connectors that can be screwed on, meaning we are not obliged to weld.

Model	Power	Voltage	Lumens	IP	Leds/m	IC	Size	T.colour
FIJI RGB - (cut every 16.54mm)	11.5W/m	5V	300 lm/m	IP20	60	SK6812	5000x5x2.5mm	RGB
COZUMEL RGB - (cut every 33.2mm)	5W/m	12V	110 lm/m	IP20	30	WS2812	5000x10x2.5mm	RGB
MIKONOS RGB - (cut every 16.6mm) NEW	9W/m	12V	250 lm/m	IP67	60	WS2812	5000x12x4mm	RGB
HAWAI RGB - (cut every 16.8mm)	9W/m	12V	260 lm/m	IP20	60	WS2812	5000x10x2.5mm	RGB
MALDIVAS RGB+W - (cut every 50mm)	20W/m	12V	500 lm/m	IP20	60	WS2814	5000x10x2.5mm	RGB+W - 3000
BALI - (cut every 16.8mm "can be cut every 3 leds but controlled led-by-led")	14.4W/m	12V	1000 lm/m	IP20	60	WS2812	5000x10x2.5mm	3000 7000
SEYCHELLES RGB - (cut every 50mm)	28.8W/m	24V	600 lm/m	IP20	120	SM16703	5000x12x2.5mm	RGB

Are you interested in digital led? Sign up for our digital led courses and discover all the secrets

BOXLED SLIM - (cut every 110mm)

333mm

11mm
14mm
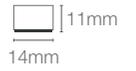
Power	Voltage	Lumens	IP	Light emission	Leds	Led	CRI	Width	T.colour
13.54W	24V	800 lm	IP33	13° - 50°	6	SMD3535	>80	14mm	7300

SINGLE COLOUR BOXLED - (cut every 150mm)

450mm

16mm
22mm
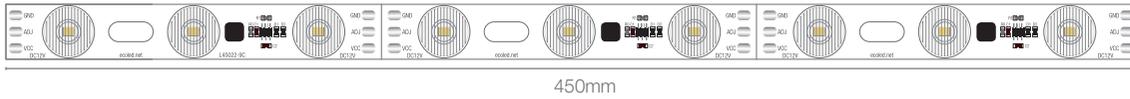
Power	Voltage	Lumens	IP	Light emission	Leds	Led	CRI	Width	T.colour
12W	12V	1200 lm	IP65	15° - 45°	9	SMD3535	>80	22mm	6500

BOXLED WATERPROOF - (cut every 166mm) NEW

530mm

20mm
30mm
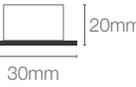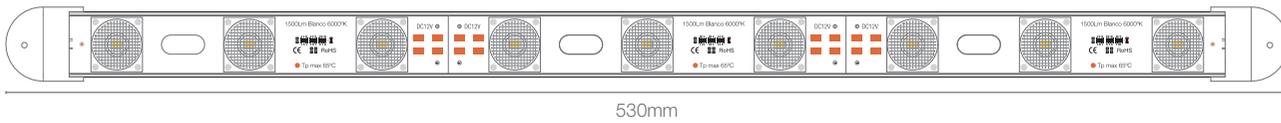
Power	Voltage	Lumens	IP	Light emission	Leds	Led	CRI	Width	T.colour
15W	24V	1500 lm	IP65	20° - 40°	9	SMD3535	>80	30mm	6500

BOXLED PRO - (cut every 166mm)

500mm

15mm
24mm
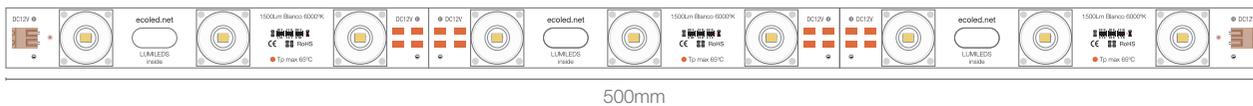
Power	Voltage	Lumens	IP	Light emission	Leds	Led	CRI	Width	T.colour
15W	24V	1500 lm	IP20	15° - 50°	9	SMD3535	>80	24mm	6000

RGB BOXLED - (cut every 150mm)

450mm

16mm
22mm
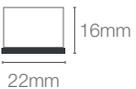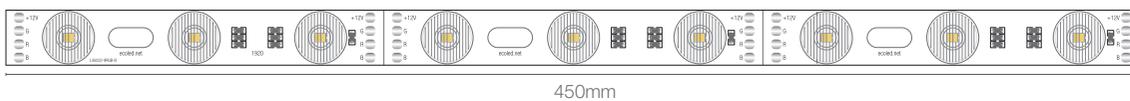
Power	Voltage	Lumens	IP	Light emission	Leds	Led	CRI	Width	T.colour
10W	12V	400 lm	IP43	15° - 45°	9	SMD5050	-	22mm	RGB

ecoled by Luz Negra

Rigid led strip with symmetric optic v.c.

Fast connection system with side connector

Side connector of 915mm with 10 connection points
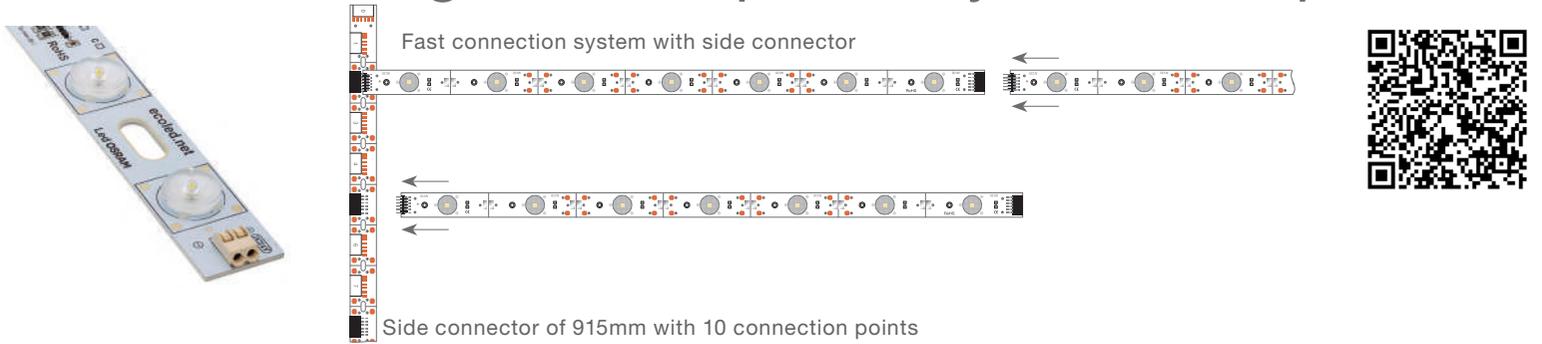
SIDEVIEW ECO - (cut every 90mm)

500mm

7.5mm
20mm

Power	Voltage	Lumens	IP	Light emission	Leds	Led	CRI	Width	T.colour
5.4W	12V	650 lm	IP20	165°	6	SMD2835	>80	20mm	6000

SIDEVIEW PRO - (cut every 166.6mm)

500mm

7.2mm
24mm

Power	Voltage	Lumens	IP	Light emission	Leds	Led	CRI	Width	T.colour		
15W	24V	1550 lm	IP20	165°	9	SMD2835	>90	24mm	2700	4000	6000

SIDEVIEW 7 - (cut every 70mm) NEW

497mm

7.5mm
18mm

Power	Voltage	Lumens	IP	Light emission	Leds	Led	CRI	Width	T.colour		
7W	12V	700 lm	IP20	170°	7	SMD2835	>80	18mm	3000	4500	7500

Shinka **One**light

Luz Negra designs and manufactures profiles, such as the Shinka Onelight series, for luminous textile architecture with which we can make luminaires of up to 6x2m in one single piece.

We recommend our rigid strips with symmetrical optics for this lighting option.

For more information about our Shinka range, you can scan the QR code.

Shinka models for light boxes with a textile front by Luz Negra.

F45   F80   F45   F80

ecoled by Luz Negra

Constant current led modules for elevated luminosity and high performance linear luminaires. Designed in Germany and manufactured in the European Union, they have a 5-year warranty and a performance of up to 190 lumens/W. They can be fed from 150mA to 700mA and their measurements correspond to the Zaga standards of 140-280-560-1120mm (depending on the model). We have two models; premium that offers maximum luminosity and the ECO version that offers a highly competitive price.

Premium series

140mm — 20mm — 6.1mm

280mm — 20mm — 6.1mm

560mm — 20mm — 6.1mm
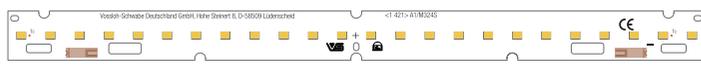
Size	Power	Voltage	Lm/W at 350mA	Current mA	IP	Leds	CRI	Width	T.colour
140x20x6.1mm	3.9W - 8.4W	11.2V - 12.1V	178 lm/W	350 - 700mA	IP20	12	>80	20mm	3000 4000 5000
280x20x6.1mm	7.8W - 16.9W	22.4V - 24.1V	173 lm/W	350 - 700mA	IP20	24	>80	20mm	2700 3000 4000 5000
560x20x6.1mm	15.7W - 33.8W	44.7V - 48.3V	173 lm/W	350 - 700mA	IP20	48	>80	20mm	2700 3000 4000 5000

ECO series

280mm — 20mm — 6.1mm

560mm — 20mm — 6.1mm

1119mm — 20mm — 6.1mm

Size	Power	Voltage	Lm/W at 350mA	Current mA	IP	Leds	CRI	Width	T.colour
280x20x6.1mm	6.8W - 9.9W	19.3V - 19.8V	174 lm/W	350 - 500	IP20	35	>80	20mm	3000 4000 5000
560x20x6.1mm	13.5W - 19.8W	38.6V - 39.5V	174 lm/W	350 - 500	IP20	70	>80	20mm	3000 4000 5000
1119x20x6.1mm	27.0W - 39.5W	77.2V - 79.1V	174 lm/W	350 - 500	IP20	140	>80	20mm	3000 4000 5000

Scale 1:7 - Flexible panels

Flexible RGB or CCT panels for interiors. Especially suitable for backlighting in the form of luminaires and light boxes.
It has the option of fast connectors to join together several panels without having to weld.

It can be cut along the established lines.

FLEXIBLE PANELS
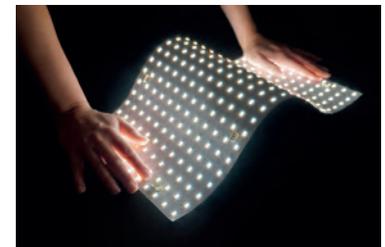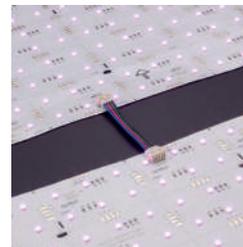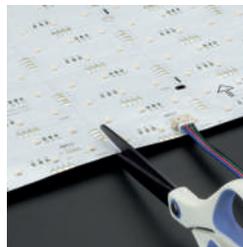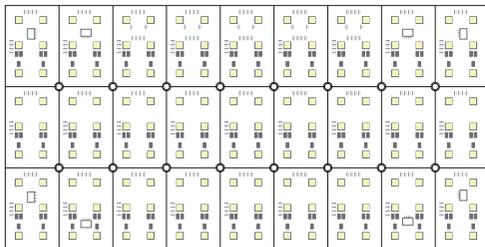
Reference	Power	Voltage	Lumens	IP	Leds/m	Led	CRI	Size	T.colour
46.001	18W	24V	833 lm/u	IP20	162	SMD5050	>80	480x240x5mm	CCT 2300-6000
46.001	17W	24V	1888 lm/u	IP20	288	SMD2835	-	480x240x5mm	RGB

Scale 1:2 - Ecoled power supplies IP67 v.c.

Constant voltage, IP67 power supplies (ecoled brand) by Luz Negra. Our brand offers the best option regarding quality/price. They work with a high power factor and comply with the regulations for luminaire power supplies. The interior is filled with resin, which guarantees use in both indoors and outdoors and also in damp areas.

ECOLED POWER SUPPLIES - IP67 V.C.

LVD TÜVRheinland
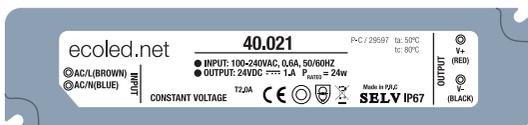
Reference	Power	Voltage	Voltage	Input frequency	PF	IP	Size
40.027 NEW	20W	12V	100/240VAC	50/60Hz	>0.5	IP67	140x32x25mm
40.028 NEW	36W	12V	100/240VAC	50/60Hz	>0.5	IP67	148x32x28mm
40.029 NEW	60W	12V	100/240VAC	50/60Hz	>0.5	IP67	162x42x33mm
40.030 NEW	100W	12V	100/240VAC	50/60Hz	>0.5	IP67	190x52x37mm
40.031 NEW	144W	12V	100/240VAC	50/60Hz	>0.5	IP67	203x70x45mm
40.040 NEW	320W	12V	220/240VAC	50/60Hz	>0.9	IP67	224.5x97x42mm
40.021	20W	24V	100/240VAC	50/60Hz	>0.5	IP67	140x32x25mm
40.022	36W	24V	100/240VAC	50/60Hz	>0.5	IP67	148x32x28mm
40.023	60W	24V	100/240VAC	50/60Hz	>0.5	IP67	162x42x33mm
40.024	100W	24V	100/240VAC	50/60Hz	>0.5	IP67	190x52x37mm
40.032 NEW	150W	24V	100/240VAC	50/60Hz	>0.5	IP67	203x70x45mm
40.015	200W	24V	220/240VAC	50/60Hz	>0.95	IP67	207x68.5x37mm
40.025	320W	24V	220/240VAC	50/60Hz	>0.95	IP67	224.5x97x41.8mm

ecoled by Luz Negra

Scale 1:3 - Ecoled power supplies IP20 v.c.

Constant voltage, IP20 power supplies (ecoled brand) by Luz Negra. Our brand offers the best option regarding quality/price.

ECOLED POWER SUPPLIES - IP20 V.C. - FLICKER FREE
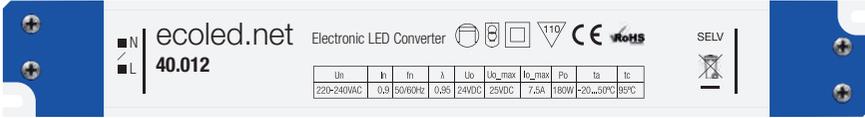
| Reference	Power	Voltage	Voltage	Input frequency	PF	IP	Size
40.006	20W	12V	220/240VAC	50/60Hz	>0.9	IP20	122.8x45x19mm
40.007	60W	12V	220/240VAC	50/60Hz	>0.9	IP20	180x52x30mm
40.008	100W	12V	220/240VAC	50/60Hz	>0.9	IP20	300x40x30mm
40.009	30W	24V	220/240VAC	50/60Hz	>0.9	IP20	153x41x32mm
40.010	75W	24V	220/240VAC	50/60Hz	>0.9	IP20	180x52x30mm
40.011	120W	24V	220/240VAC	50/60Hz	>0.9	IP20	300x40x30mm
40.039 NEW	150W	24V	220/240VAC	50/60Hz	>0.9	IP20	159x97x30mm
40.012	180W	24V	220/240VAC	50/60Hz	>0.9	IP20	345x50x35mm
38.051 NEW	400W	24V	220/240VAC	50/60Hz	>0.95	IP42	219x125x54mm

Scale 1:3 - Compact power supply v.c.

The compact power supplies have the great advantage of being a source and a plug at the same time. In addition, they have accessories such as adaptor snakes, with several very useful derivations to illuminate various kits with one single source.

COMPACT POWER SUPPLY V.C.

69.6mm

93.5mm   1200mm

adaptor snake (4 pin male) with jack
reference 42.123
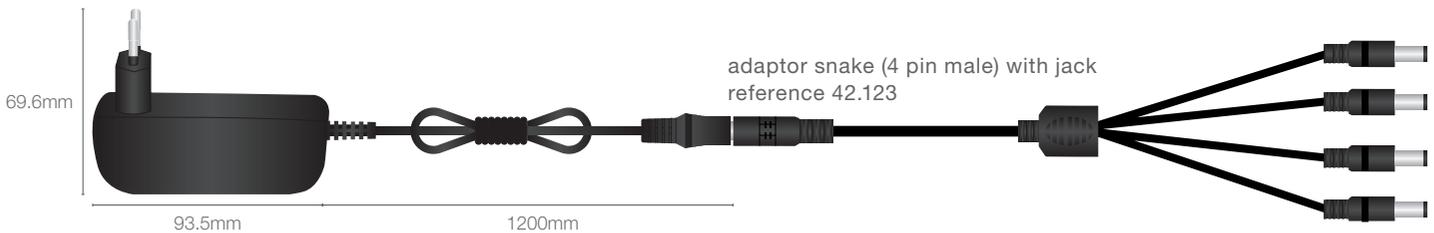
Reference	Power	Voltage	Voltage	Input frequency	PF	IP	Size
40.004	36W	12V	100/240VAC	50/60Hz	>0.5	IP20	93.5x43.5x33mm
40.005	36W	24V	100/240VAC	50/60Hz	>0.5	IP20	93.5x43.5x33mm

adaptor snake (2 pin male) with jack
reference 42.122 - Scale 1:4

386.2mm

adaptor snake (8 pin male) with jack
reference 42.125 - Scale 1:4

adaptor snake (6 pin male) with jack
reference 42.124 - Scale 1:4

400.9mm

396mm

ecoled by Luz Negra

Constant voltage, IP20 power supplies (ecoled brand) by Luz Negra. Our brand offers the best option regarding quality/price. They work with a high power factor and comply with the regulations for luminaire power supplies. The slim models are especially interesting for applications in furniture or in other places where space is very limited. The model with multi-connectors makes it much easier to install up to 6 luminaires with the same source (very common in lighting for shelves).

## MULTI-CONNECTOR SLIM POWER SUPPLIES WITH 6 PORTS - IP20 V.C. - FLICKER FREE NEW
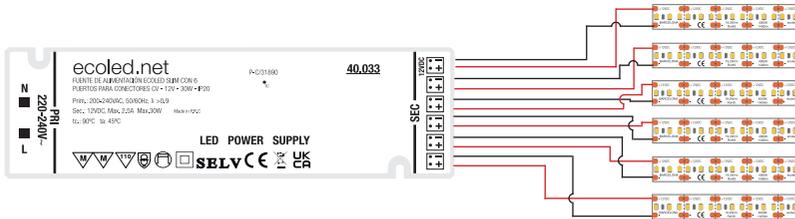
Reference	Power	Voltage	Voltage	Input frequency	PF	IP	Size
40.033	30W	12V	200/240VAC	50/60Hz	>0.9	IP20	179x52x16mm
40.035	60W	12V	200/240VAC	50/60Hz	>0.9	IP20	191x58.4x18mm
40.037	100W	12V	200/240VAC	50/60Hz	>0.9	IP20	191x58.4x18mm
40.034	30W	24V	200/240VAC	50/60Hz	>0.9	IP20	179x52x16mm
40.036	60W	24V	200/240VAC	50/60Hz	>0.9	IP20	191x58.4x18mm
40.038	100W	24V	200/240VAC	50/60Hz	>0.9	IP20	191x58.4x18mm

POWER SUPPLIES ECOLED SLIM - IP20 V.C. - FLICKER FREE

Reference	Power	Voltage	Voltage	Input frequency	PF	IP	Size
40.001	30W	12V	220/240VAC	50/60Hz	>0.95	IP20	256x30x16mm
40.002	30W	24V	220/240VAC	50/60Hz	>0.95	IP20	256x30x16mm
40.003	60W	24V	220/240VAC	50/60Hz	>0.95	IP20	290x44,5x16mm
40.041 NEW	100W	24V	220/240VAC	50/60Hz	>0.95	IP20	350x30x18mm
40.042 NEW	150W	24V	220/240VAC	50/60Hz	>0.95	IP20	350x30x18mm
40.043 NEW	250W	24V	220/240VAC	50/60Hz	>0.95	IP20	400x40x22mm
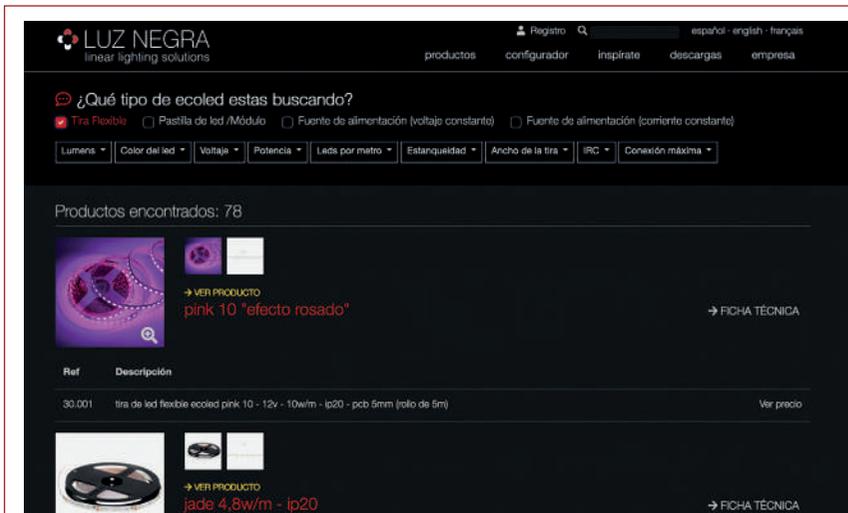
Product configurator

Use our configurator in www.luznegra.net to easily select the power supplies, led strips, led profiles, etc.

ecoled by Luz Negra

Constant voltage, IP20 power supplies from the German company Vossloh with 5 years warranty. They work with a high power factor and comply with the regulations for luminaire power supplies. Models available with control Dali2 / 1-10V / Push.

VOSSLOH POWER SUPPLY - IP20 V.C.

Reference	Power	Voltage	Input frequency	PF	IP	Regulation	Size
38.002	20W	12V	50/60Hz	>0.5	IP20	ON-OFF	122.8x45x19mm
38.003	60W	12V	50/60Hz	>0.9	IP20	ON-OFF	180x52x30mm
38.004	75W	12V	50/60Hz	>0.9	IP20	ON-OFF	180x52x30mm
38.005	100W	12V	50/60Hz	>0.9	IP20	ON-OFF	300x40x30mm
38.006	30W	24V	50/60Hz	>0.9	IP20	ON-OFF	153x41x32mm
38.007	60W	24V	50/60Hz	>0.9	IP20	ON-OFF	180x52x30mm
38.008	75W	24V	50/60Hz	>0.9	IP20	ON-OFF	180x52x30mm
38.009	120W	24V	50/60Hz	>0.9	IP20	ON-OFF	300x40x30mm
38.010	180W	24V	50/60Hz	>0.9	IP20	ON-OFF	345x50x35mm
38.001	120W	48V	50/60Hz	>0.95	IP20	ON-OFF	300x40x30mm
38.021	30W	24V	50/60Hz	>0.9	IP20	DALI2/1-10V/PUSH	359x30x21mm
38.022	70W	24V	50/60Hz	>0.95	IP20	DALI2/1-10V/PUSH	359x30x21mm
38.023	120W	24V	50/60Hz	>0.95	IP20	DALI2/1-10V/PUSH	359x30x21mm

Basic rules for the installation of power supplies

1. Study the voltage (V) and the wattage consumption (W) of the installation to be carried out, in order to be able to correctly choose the appropriate power supply.
2. Never place the power supply in closed boxes (allow to ventilate).
3. Depending on the type of installation we must install the power supply in the right place (to avoid sudden voltage drops). It is not advisable to place the source at a distance greater than 3 metres (maximum recommended) and if so, we must use thicker wiring.
4. All connections to be made must be fitted with the appropriate components (terminal strips).
5. To prevent overheating we recommend not overloading the power supplies in more than 85% of their theoretical maximum load (for example with a 100W source don't connect more than 85W). The same should apply to amplifiers, sequencers, dimmers and other accessories.
6. Whenever possible, we should apply the power supply to the material to spread the dissipation of the heat emitted (metal).
7. When installing in parallel, with several power supplies, it is important not to stack one on top of the other, as this can lead to malfunctions (heat condensation). The device must have sufficient space for air circulation (continuous air).
8. We must take special care when installing the power supplies, especially where there are risks of corrosion from external liquids, as well as places where there are high risks of fire and /or explosions.

Do not turn upside down

Do not stackr

Metal — At least 30cm

We recommend leaving a distance.

30cm

Never install with flammable products and explosives.

Converter

Converter

ecoled by Luz Negra
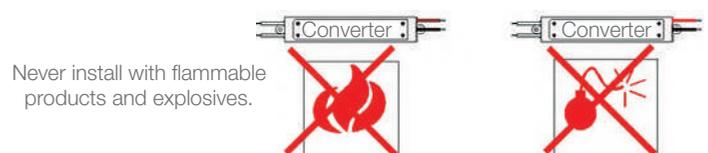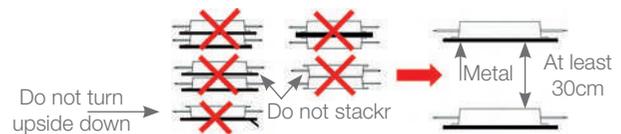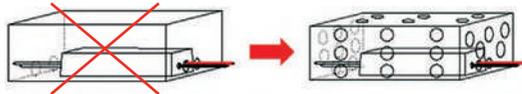
Constant current, IP20 power supplies from the German company **Vossloh** with 5 years warranty. They work with a high power factor and comply with the regulations for luminaire power supplies. Models available with control Dali2 / 1-10V / Push.

They have special sizes so they can be inserted into the majority of our BIG PROFILE luminaires in our catalogue. They are used with the rigid led strips and light modules on page 36.

VOSSLOH POWER SUPPLY - IP20 C.C.

| Reference	Power	Current mA	Voltage	Frequency	PF	IP	Regulation	Size
38.013	6W - 14W	3,6A - 56A	220/240VAC	50/60Hz	>0.95	IP20	ON-OFF	230x30x29.9mm
38.012	20W - 40W	25A - 250A	220/240VAC	50/60Hz	>0.97	IP20	ON-OFF	359x30x21mm
38.011	42W - 80W	30A - 385A	220/240VAC	50/60Hz	>0.97	IP20	ON-OFF	359x30x21mm
38.019	70W - 120W	52,5A - 270A	220/240VAC	50/60Hz	>0.98	IP20	ON-OFF	280x30x21mm
38.020	95W - 165W	59A / 229A	220/240VAC	50/60Hz	>0.98	IP20	ON-OFF	359x30x21mm
38.054 NEW	46W	16A / 156A	220/240VAC	50/60Hz	>0.95	IP20	ON-OFF	230x30x21mm
38.055 NEW	84W	25A / 264A	220/240VAC	50/60Hz	>0.95	IP20	ON-OFF	230x30x21mm
38.056 NEW	46W - 65W	23A / 300A	220/240VAC	50/60Hz	>0.95	IP20	ON-OFF	230x30x21mm
38.057 NEW	63W - 90W	25A / 270A	220/240VAC	50/60Hz	>0.95	IP20	ON-OFF	230x30x21mm
38.058 NEW	72W - 91W	26A / 274A	220/240VAC	50/60Hz	>0.95	IP20	ON-OFF	230x30x21mm
38.015	21W - 42W	26A - 200A	220/240VAC	50/60Hz	>0.98	IP20	DALI/PUSH	359x30x21mm
38.016	42W - 84W	32A - 240A	220/240VAC	50/60Hz	>0.96	IP20	DALI/PUSH	359x30x21mm

New batwing extra optics for parking lighting and similar.

Our new batwing extra optic, combined with our Munich Magnum profile means we only need one luminaire in the centre of the space to be illuminated. We can throw out light up to 15m on each side (30m in total).

ecoled by Luz Negra

Controllers, amplifiers and dimmers

REFERENCES	41.004 without light	41.005 with light	41.017	41.023	41.033	41.034	41.035	41.046	41.081	41.045	41.080	41.097	41.018	41.019
Functions carried out by the products														
Sequencer	-	-	-	-	-	-	-	√	-	-	√	-	√	√
Amplifier	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimmer	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Sensor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switch	√	√	√	√	√	√	-	-	√	√	√	-	-	√
Main characteristics														
One colour	√	√	√	√	√	√	√	√	√	√	√	√	√	√
CCT	-	-	-	√	-	-	-	√	-	-	√	√	√	√
RGB	-	-	-	√	-	-	-	√	-	-	√	-	-	-
RGB+W	-	-	-	-	-	-	-	√	-	-	√	-	-	-
RGB + CCT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Power at 12V	36W	36W	96W	108W	120W	78W	78W	144W	-	-	72W	48W	-	60W
Power at 24V	72W	72W	192W	216W	240W	156W	156W	288W	-	-	144W	96W	-	120W
Power at 48V	-	-	-	-	-	312W	312W	-	-	-	-	-	-	-
Power at 220V	-	-	-	-	-	-	-	-	200W	150W	-	-	-	-
Channels	1	1	1	3	1	1	1	4	1	1	4	2	1	2
Zones	1	1	1	1	1	1	1	1	1	1	1	1	6	1
WIFI	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bluetooth	-	-	-	-	-	-	-	-	-	√	√	√	-	-
Radio frequency	-	-	-	-	-	-	-	-	-	-	-	-	√	√
Control	PWM	PWM	PWM	PWM	1-10V	DALI	DMX	DMX	TRIAC DALI + PUSH	TRIAC	PWM	PWM	PWM	PWM
Memory saver	-	-	√	√	-	-	-	-	-	-	-	-	√	√
Compatible with receiver:	-	-	-	-	-	-	-	-	-	-	-	-	41.019	41.018

For more information about our controllers, amplifiers, dimmers, etc. please take a look at our website www.luznegra.net or scan the QR codes. Here you will find all the information about our products and their technical data sheets with all the detailed information.

Led controllers

Led amplifiers

Led dimmers

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Controllers, amplifiers and dimmers

REFERENCES	41.092	41.093	41.091	41.095	41.096	41.025	41.030	41.031	41.089	41.100	41.026	41.071	40.017	41.049	41.084	41.008	41.028	41.022	41.021
Functions carried out by the products																			
Sequencer	√	√	√	√	-	√	√	√	√	√	√	√	√	√	√	√	√	-	-
Amplifier	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	√	√
Dimmer	-	-	√	-	√	√	√	√	√	√	√	√	√	√	-	√	√	-	-
Sensor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Switch	-	-	√	-	√	-	-	-	√	-	-	√	-	-	-	-	-	-	-
Main characteristics																			
One colour	-	√	√	√	√	√	√	√	√	√	√	√	√	-	-	-	-	√	√
CCT	-	-	√	√	-	√	√	√	√	√	√	√	√	-	-	-	-	√	√
RGB	√	-	√	-	-	√	√	-	-	√	√	√	√	√	-	√	√	√	√
RGB+W	√	-	√	-	-	√	√	-	√	√	√	√	√	√	√	-	√	√	-
RGB + CCT	-	-	√	-	-	√	-	-	-	-	√	√	√	-	-	-	-	-	-
Power at 12V	-	-	348W	-	60W	-	-	-	-	-	180W	180W	-	120W	168W	144W	192W	180W	144W
Power at 24V	-	-	768W	-	120W	-	-	-	-	-	360W	360W	100W	240W	386W	288W	384W	360W	288W
Power at 48V	-	-	960W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Power at 220V	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Channels	4	2	4	1	1	5	3	3	4	5	5	6	5	4	4	3	4	-	-
Zones	4	4	4	1	1	8	4	4	4	1	1	-	1	1	-	1	1	-	-
WIFI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	√	-	-	-	-
Bluetooth	-	-	-	-	-	-	-	-	-	-	√	-	-	-	-	-	√	-	-
Radio frequency	√	√	√	√	-	√	-	-	√	√	√	√	√	√	-	-	-	-	-
Control	PWM	PWM	PWM	PWM	PWM	-	-	-	-	-	-	PWM	PWM	-	-	-	-	-	-
Memory saver	√	-	-	-	-	√	√	√	-	√	√	√	√	√	-	√	√	-	-
Compatible with receiver:	41.091	41.091	41.092 41.093	41.096	41.095	41.026 41.071 40.017	41.026 41.071 40.017	41.026	41.026 41.071 40.017	41.071 41.026	41.025 41.030 41.031 41.089	41.025 41.030 41.031 41.089	41.025 41.030 41.031 41.089	-	-	-	-	-	-

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