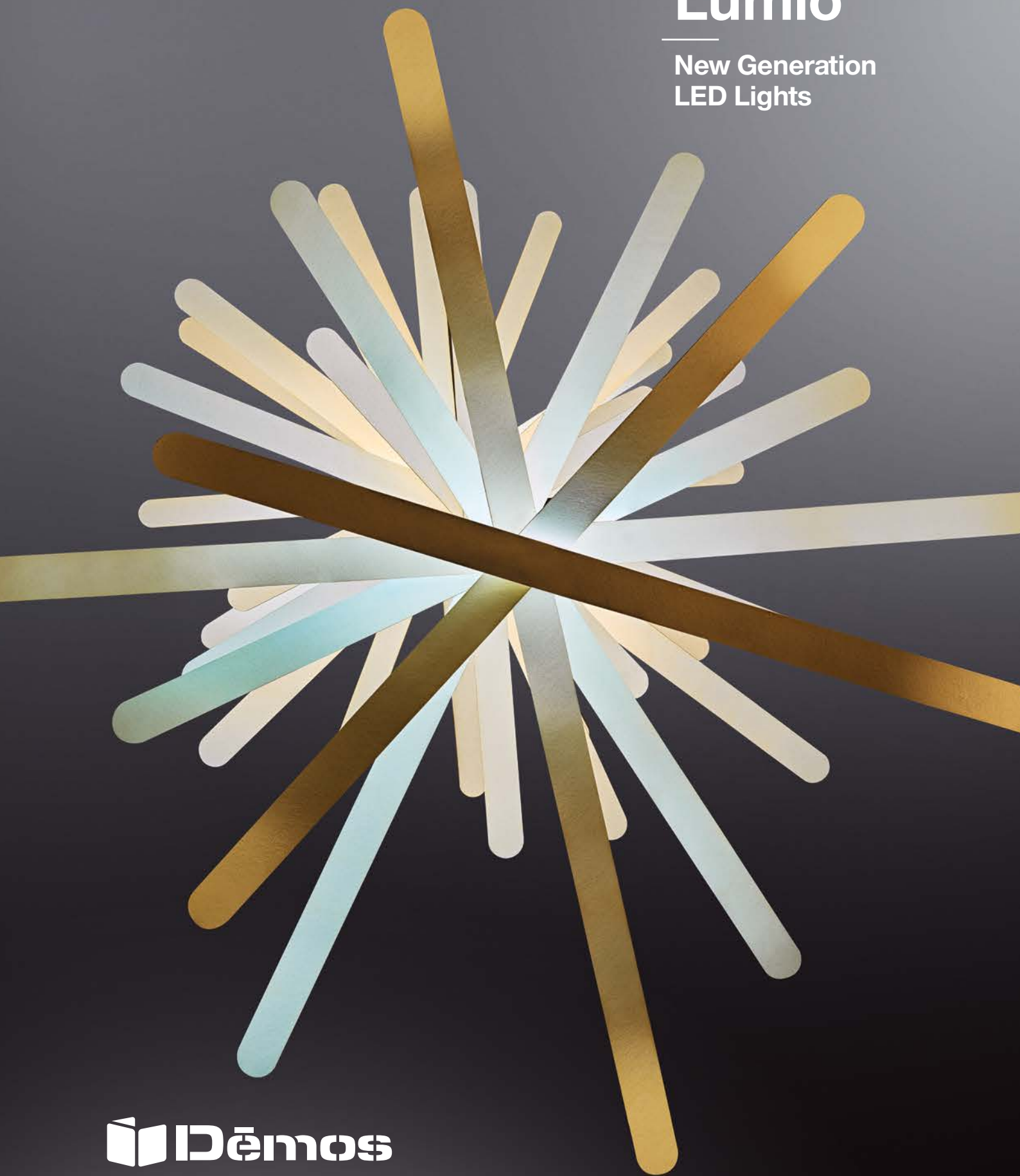


Strong Lumio

New Generation
LED Lights



 **Demos**

All for the furniture making



300 lm

WARM

300 lm

NEUTRAL

300 lm

COLD

Important quantity:

LUMINOUS FLUX

When choosing the most appropriate lighting, we should focus to its so-called luminous flux. The size given in lumens (for light bulbs in the past we have encountered a number derived from from the power input in watts) that tells us how strong is the light of the source (bulbs, LED stripe). The higher this number is, the more light we can expect. Or, the higher the number, the better We'll see. For a better idea, we're adding an overview table:

Classic bulb	Halogen bulb	Economy bulb	LED bulb	Luminous flux
25 W	25 W	5 W	3 W	210 - 204 lm
40 W	40 W	9 W	5 W	400 - 450 lm
60 W	60 W	13 W	9 W	700 - 740 lm
100 W	100 W	22 W	15 W	1300 - 1500 lm

As the light source ages, so does its power output over time. This should also be taken into account when choosing the appropriate lighting. And also with the LED strips reaching full luminous flux immediately after lighting, other energy-saving bulbs are minutes away.

WATT will tell us...(?)

(mark P, unit watt) is a major quantity in the selection of incandescent bulbs. The buyer will find the number of watts, and select the appropriate bulb accordingly. Power is most often in the range of 15 to 150 W and this is matched by luminous intensity. However, LED lighting is much more economical than conventional bulbs, so luminous flux expressed in lumens is important. For example, a 15 W LED strip equals a 60 W bulb. At the same time, a high watt LED strip may not be high luminous flux.

More energy consumption doesn't have to mean that the strip is more luminous. If the manufacturer indicates the luminaire's wattage power compared to a conventional bulb, then it is a good idea to check the luminous flux figure as well. Still, the wattage figure is important, telling us what the approximate lighting consumption will be.

What does CRI tell us?

CRI - color rendering index is an indicator of the credibility of the color sensation of light on a scale from 0 to 100, referred to as Ra. The higher Ra's number, the closer it is to daylight. In other words, CRI indicates how fully the human eye can perceive colors under a stream of light from a specific source. Daylight has Ra 100, that means maximum color sensation. LED lighting has generally high index values. They range between 70 and 90 Ra.

Aluminium PROFILES for LED strips? For what?

Aluminium profiles, mostly called ALU profiles, are produced of anodized aluminum, used to hold LED strips and install on or into a wall or other substrate material. They are used to cool LED lighting and in combination with cover diffuser, create LED strip protection from water, dust and grease. Diffusers are highly resistant plastic covers in a milky, clear or colorful way.

Installing on ALU profiles is by clicking or sliding them in and, in addition to strip protection, improves the resulting light effect. However, the main task of ALU profiles is cooling LED strips. This is important for maintaining their lifespan.

The aluminium profile will take care to remove heat from the immediate vicinity of the LEDs so that their life is not shortened by overheating. A strip or profile protection is required for all LED strips with a power greater than 5W/m!

The aluminum strip makes the LED strips grip better and glow evenly all along its length. Profiles for LED strips take different shapes according to installation locations. Specific are staircase strips, for lighting edges of glass, into tiles or outside paving, on the wall or into drywall. This requires ALU profiles to be carefully selected.

550 lm

WARM

550 lm

NEUTRAL

550 lm

COLD



1 200 lm
WARM

1 200 lm
NEUTRAL

1 200 lm
COLD

SMART – adjust it to your liking.

Smart lighting is a complete system of lights and their next-generation accessories that allows you to control lights in an apartment, house or commercial premises with the touch of a finger. Smart lighting is based on the principle of remote control via compatible controllers or the TUYA mobile application.

Several light circuits can be connected in one controller or dimmer. An undeniable advantage of SMART lighting is that you can change the color tone and shade of the lighting, its intensity, dimming and other light effects from the comfort of a bed, sofa or office chair. Smart lighting lamps can be connected to light sensors that light up a bulb, panel or LED strip when you arrive.

The programmability of lighting allows you to use this technology for wake-up as well, for example. Instead of the annoying tone of an alarm clock, the increasing intensity of lighting will force you to open your eyes in the morning where you are sleeping. It can also be programmed that the light intensity increases slowly as you get up, and you have time to get so-called "settled." The lights come on at a certain hour, turn off at another. You can just play with them like legos.

Who is TUYA and what is IoT?

Not who, but what is the right question. TUYA is the global developer's "AI + IoT" and the world's leading voice interactive platform that connects consumers, product brands, OEM manufacturers and distributors.

TUYA connects individual devices in the smart home and plays a vital role in the world of the Internet of Things (IoT). The Internet of Things means, simply put: "Take all devices in the world and connect them to the Internet." The direction of current development in the world of not only appliances. It takes all the advantages of the Internet and the result of this endeavour is a slightly more comfortable life.

TUYA, within the framework of encrypted communication, can connect devices of different manufacturers while maintaining their compatibility and convenient control. Perhaps, in our case, home lighting.

Single-color

LED strips

In our offer, single-color strips (white light) are divided into three groups according to their temperature: warm, neutral, cold. It is also possible to change the intensity of the light, the temperature of the white is constant. The LED strips are connected by a two-line cable (plus and minus – 2 PIN).

CCT (Correlated Color Temperature)

The technology of LED strips allows the user to set the temperature of the white color (so-called chromaticity) between 2300 and 6500K. The control can be used to choose between cold and warm lighting, or to change the intensity of the light. CCT LED strips are connected by a three-line cable (Plus, Warm White: WW, Cold White: CW – 3 PIN).

RGB (Red – Green – Blue)

consists of mixing these three colors at different intensities. This combination produces any color (up to 16 million color shades). If the red, green and blue color penetrate at full intensity, it produces white color – bluish, not too natural. RGB LED strips are connected by a four-line cable (Plus, Red: R, Green: G, Blue: B) – 4 PIN).

RGBW

combination of RGB spectrum with white (RGB WW – with warm white, RGB NW – with day, neutral white, RGB CW – with cold white). RGBW LED strips are connected by a five-line cable (Plus, Red: R, Green: G, Blue: B, White: W) – 5 PIN).

RGBCCT

the best you can get. Combination of RGB and CCT technology into one LED strip. This allows you to set any RGB color and also the white light temperature. RGBCCT LED strips are connected by a six-line cable (Plus, Red: R, Green: G, Blue: B, Warm White: – WW, Cold White: CW – 6 PIN).



2 000 lm

WARM

2 000 lm

NEUTRAL

2 000 lm

COLD

300 LM
Warm white
2 700 - 3 500 (K)

300 LM
Neutral white
3 500 - 5 000 (K)

300 LM
Cold white
6 000 - 6 700 (K)

550 LM
Warm white
2 700 - 3 500 (K)

550 LM
Neutral white
3 500 - 5 000 (K)

550 LM
Cold white
6 000 - 6 700 (K)

1 200 LM
Warm white
2 700 - 3 500 (K)

1 200 LM
Neutral white
3 500 - 5 000 (K)

1 200 LM
Cold white
6 000 - 6 700 (K)

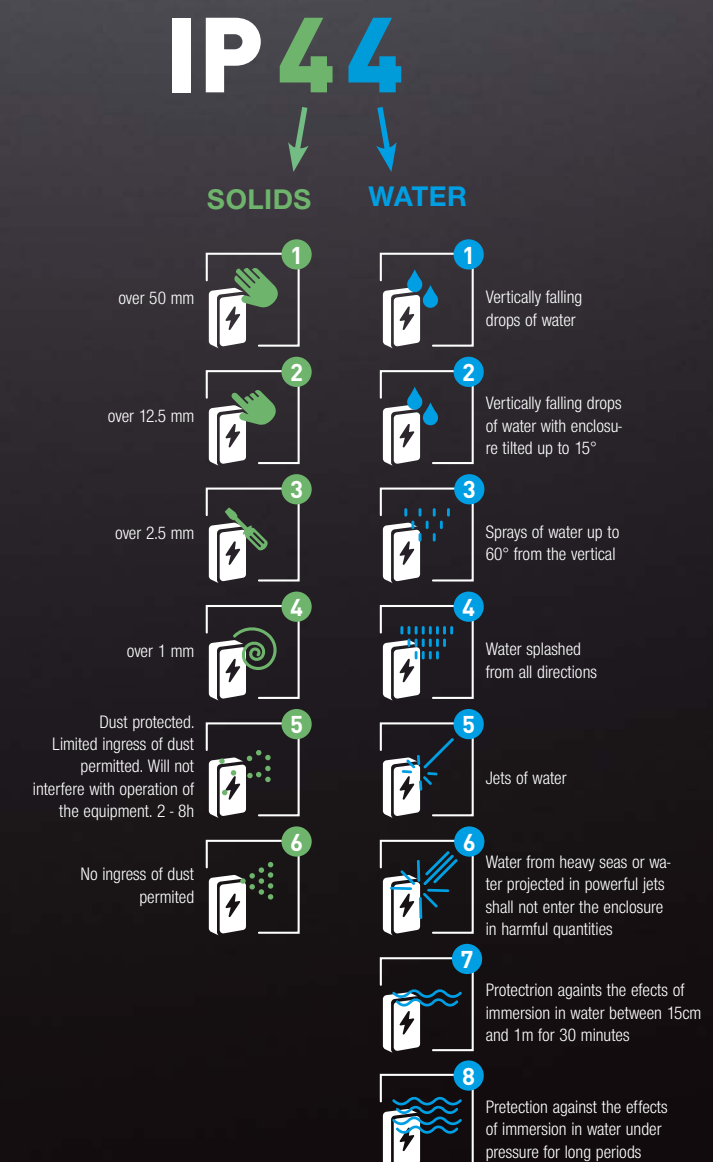
2 000 LM
Warm white
2 700 - 3 500 (K)

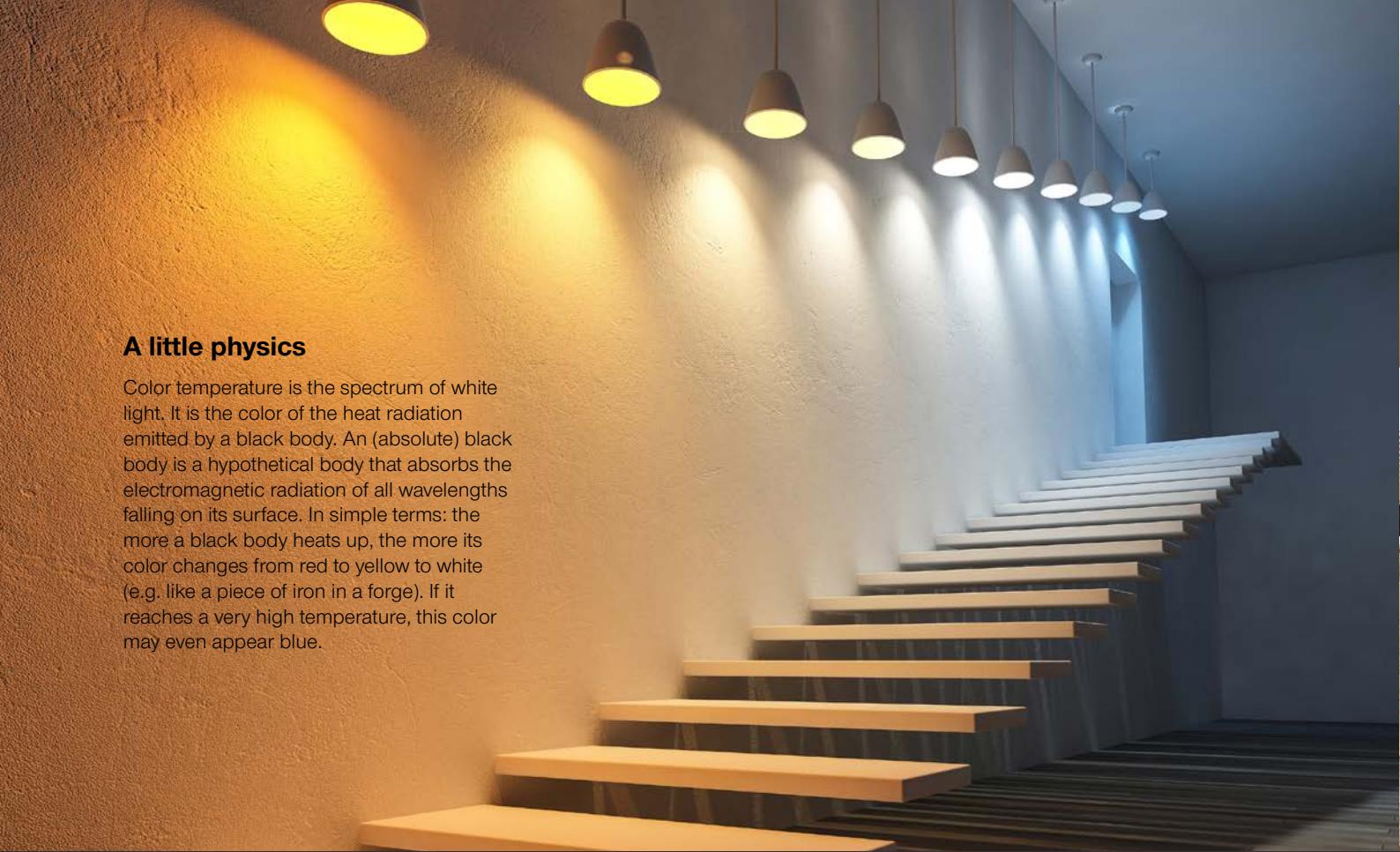
2 000 LM
Neutral white
3 500 - 5 000 (K)

2 000 LM
Cold white
6 000 - 6 700 (K)

Ingress Protection (IP)

Indicates the resistance of electrical equipment to the intrusion of a foreign body and the intrusion of liquids, especially water. It is expressed in the so-called IP code, which consists of the characters "IP" followed by two digits: the first digit indicates the protection against dangerous contact and against the intrusion of foreign objects, the second digit indicates the degree of protection against the intrusion of water.





A little physics

Color temperature is the spectrum of white light. It is the color of the heat radiation emitted by a black body. An (absolute) black body is a hypothetical body that absorbs the electromagnetic radiation of all wavelengths falling on its surface. In simple terms: the more a black body heats up, the more its color changes from red to yellow to white (e.g. like a piece of iron in a forge). If it reaches a very high temperature, this color may even appear blue.



How to choose the TEMPERATURE OF THE LIGHT?

An important factor in choosing the right lighting is the color of the light. This value, called the chromaticity temperature, is given in Kelvin. Typical LED lighting temperatures are 3000, 4000, 6000 and 6500K. For other light sources and conditions, it can be lower or higher. The figure below shows the individual Kelvin levels.

Light color changes can be observed during the day. In the morning, at sunrise, the color of the light is at 1800K-2500K, in the morning at 2700K-3500K, at noon at 4200K-10000K depending on weather conditions and the season. From noon, the temperature of the light drops again.

When choosing the color of the light, consider the color of the interior and its furnishings, or the space you wish to illuminate. A dark space requires a brighter color of light, a light one more subtle, with a lower temperature.

The color of the light affects your mood, your workload or even the amount of melatonin, the so-called "sleep hormone". Cold white in the bedroom can make it harder for you to fall asleep or wake up irritated in the morning. Warm white in the study can result in lower concentration and therefore more difficult work tasks.

The following overview shows the rooms and the appropriate light colors that can help you choose LED lighting:

	Warm white	Neutral white	Cold white
Living room	●	●	
Kitchen		●	●
Bedroom	●	●	
Children's room	●	●	
Bathroom	●	●	
Studio		●	●
Garden	●	●	
Garage		●	●

Warm white

Classic filament bulbs (Edison lamps) shone with a warm white color of light. We could compare it to candlelight or sunset. Warm white creates a sense of calm, so we recommend this color in the restrooms, for example in the bedroom, children's room or living room. But also in the toilet, for example, so that the light does not wake you up during a night or morning visit.

Warm colors evoke evening well-being in people, or attract most of the activities they are used to doing in the evening. Perhaps also because the sun's own radiation goes from a bright midday color (sometimes to blue) to a warm evening white and then sets.

- To give you an idea, here are some examples of warm white colors of light:**
- 1400K – embers
 - 1900K – candle
 - 2500K – sunrise and sunset
 - 2800K – incandescent bulb

Neutral white

The neutral white color of light is also referred to as daylight white. It resembles daylight for much of the day in our climate conditions. It is the "golden middle ground". You can use this color of light where you want to work, but also where you want to rest.

It is suitable for lighting the kitchen, bathroom, study or even the nursery. The neutral white color of the light is also used for lighting the terrace, shops, office or medical offices.

White-dominated rooms are generally considered to be more optically spacious and airy. White is a symbol of purity, innocence, but also of tranquility. Neutral white is a tone of white with a chromaticity value ranging from 3,300 to 5,000 K. This value is measured mainly in the usual daytime to bright natural light, but also for fluorescent lamps, photo flashes and other effects used by photographers.

- To give you an idea, here are some examples of neutral white colors of light:**
- 3500K – lighting in the studio
 - 4200K – morning
 - 5000K – fluorescent lamp

Cold white

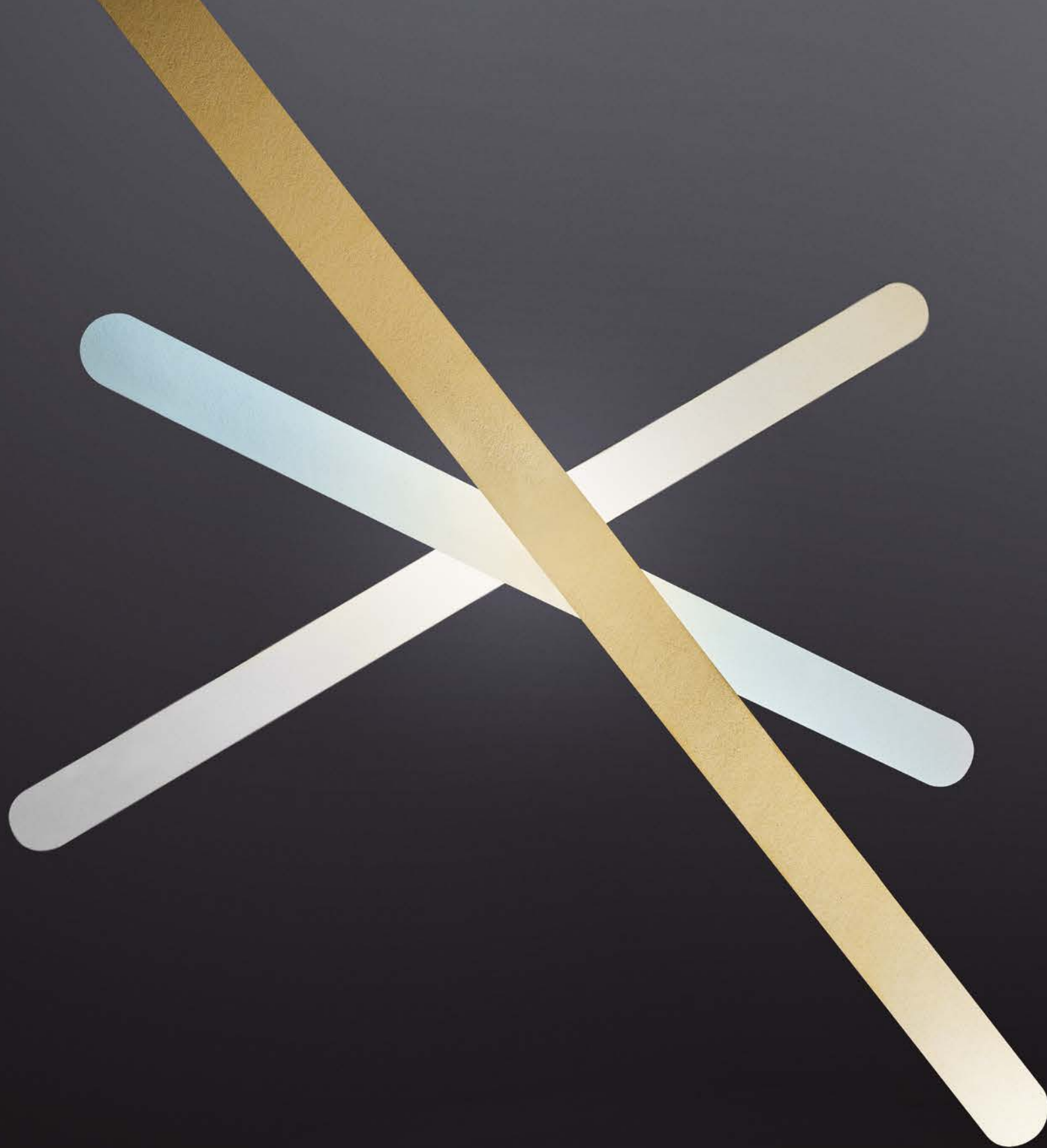
The cold white color of the light is suitable for places where increased attention and concentration is required. It is therefore recommended for lighting kitchen counters, worktops, offices, workshops or garages.

In the industry where this color of light is most common, it is used to illuminate warehouses, production halls, petrol stations or car parks.

It is the antithesis of warm white and should be approached accordingly when choosing lighting. Cold white is appreciated when you want to reduce fatigue and tune into work mode. These shades of color encourage the body and brain to work and increase work performance.

- To give you an idea, here are some examples of cold white colors of light:**
- 5600K – flash on camera
 - 6000K – sunny day, in the shade
 - 6500K – xenon car lights
 - 8000K – day, partly cloudy
 - 10000K – cloudy, foggy
 - 14000K – tube in solarium
 - 20000K – sterilising UV lamps

**Strong
Lumio**



Serie 

**Simply without
soldering.**

Connect your strips
with simple connectors,
without having to solder.

White - 4.8 W/m

LED qty. / m	60
wide (mm)	8
IP	20



132251	360 lm/m	WHITE
2700-3500	warm	



249934	380 lm/m	WHITE
3500-5000	neutral	



131573	390 lm/m	WHITE
6000-6700	cold	

White - 14.4 W/m

LED qty. / m	60
wide (mm)	10
IP	20



157844	1080 lm/m	WHITE
2700-3500	warm	



132276	1170 lm/m	WHITE
6000-6700	cold	

White - 12 W/m

LED qty. / m	60
wide (mm)	8
IP	20



231394	1160 lm/m	WHITE
2700-3500	warm	



250030	1200 lm/m	WHITE
3500-5000	neutral	



231388	1260 lm/m	WHITE
6000-6700	cold	

Power supply

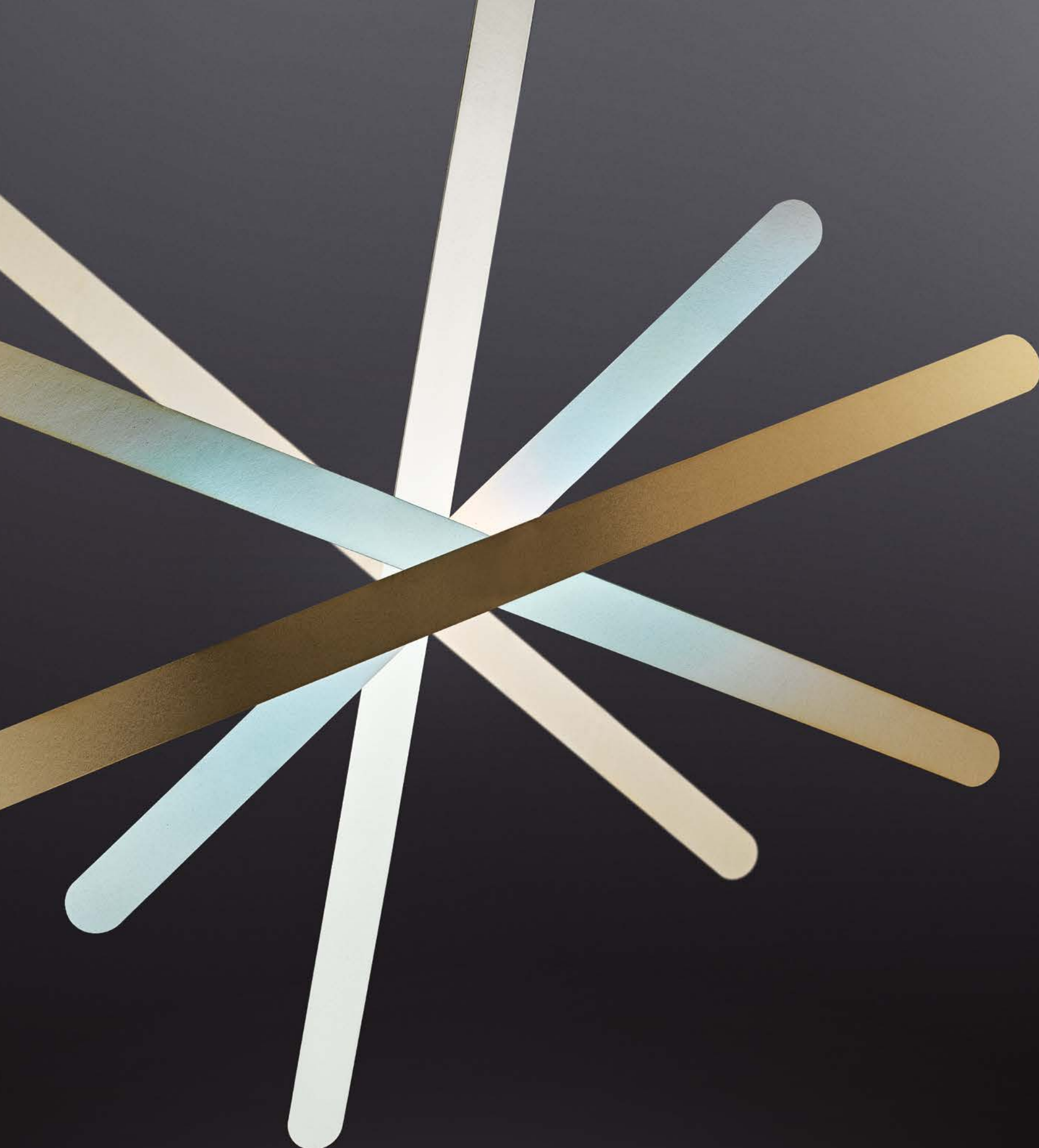


405178 | 6W

- 405179 | 18 W, dimensions (w h d) 88 × 39 × 28 mm
- 405180 | 30 W, dimensions (w h d) 85 × 50 × 32 mm
- 405181 | 48 W, dimensions (w h d) 116 × 52 × 33 mm
- 405182 | 80 W, dimensions (w h d) 116 × 56 × 34 mm



353250 | 120 W, dimensions (w h d) 172 × 73 × 43 mm



Strong Lumio

Serie **3**

**Integrated power
supply and hub.**

Power supply and hub in one.
Plus, you can connect the strips
with simple connectors without
having to solder.

White - 4.8 W/m

LED qty. / m	60
wide (mm)	8
IP	65



132267	
360 lm/m	WHITE
2700 - 3500 warm	



132266	
390 lm/m	WHITE
6000 - 6700 cold	

White - 12 W/m

LED qty. / m	60
wide (mm)	8
IP	65



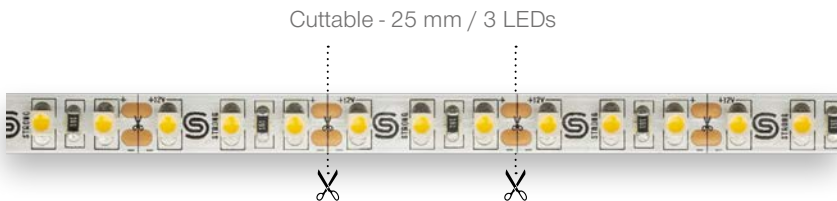
231401	
1160 lm/m	WHITE
2700 - 3500 warm	



231396	
1260 lm/m	WHITE
6000 - 6700 cold	

White - 9.6 W/m

LED qty. / m	120
wide (mm)	8
IP	20



231392	
720 lm/m	WHITE
2700 - 3500 warm	



250029	
750 lm/m	WHITE
3500 - 5000 neutral	



231387	
780 lm/m	WHITE
6000 - 6700 cold	

White - 14.4 W/m

LED qty. / m	60
wide (mm)	10
IP	65



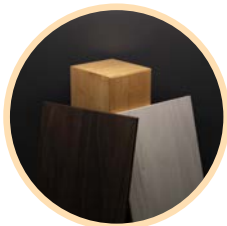
157845	
1080 lm/m	WHITE
2700 - 3500 warm	



134102	
1170 lm/m	WHITE
6000 - 6700 cold	

CIRAT - 3 W

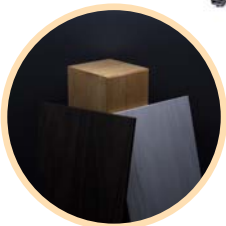
Covering	aluminium
Luminous Flux (lm)	180
IP	20



356620

WHITE

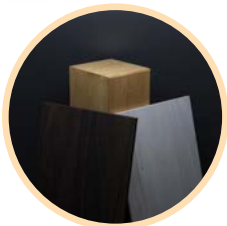
2700 - 3500
warm



356619

WHITE

3500 - 5000
neutral



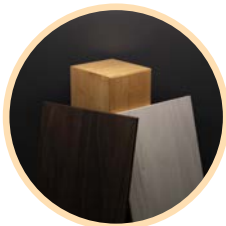
356618

WHITE

6000 - 6700
cold

BAILEN - 3 W

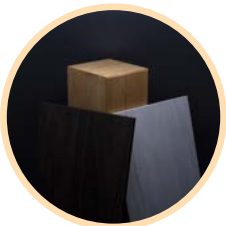
Covering	aluminium
Luminous Flux (lm)	180
IP	20



358289

WHITE

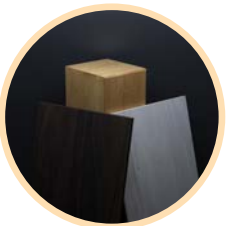
2700 - 3500
warm



358288

WHITE

3500 - 5000
neutral



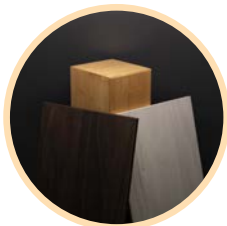
358287

WHITE

6000 - 6700
cold

CIRAT - 3 W

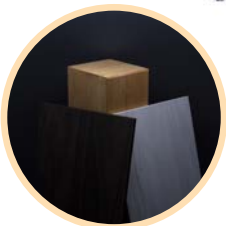
Covering	white
Luminous Flux (lm)	180
IP	20



356615

WHITE

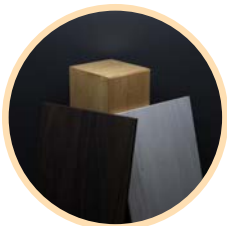
2700 - 3500
warm



356616

WHITE

3500 - 5000
neutral



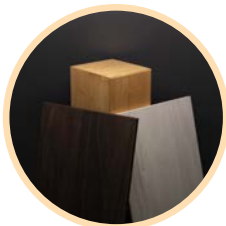
356617

WHITE

6000 - 6700
cold

BAILEN - 3 W

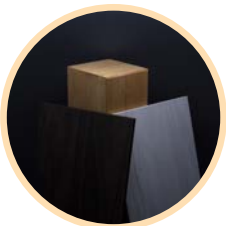
Covering	white
Luminous Flux (lm)	180
IP	20



358290

WHITE

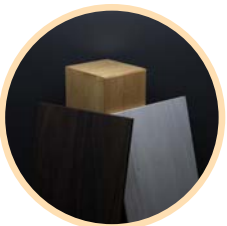
2700 - 3500
warm



358291

WHITE

3500 - 5000
neutral



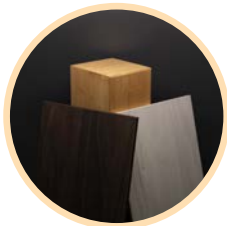
358293

WHITE

6000 - 6700
cold

CIRAT - 3 W

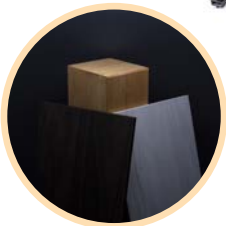
Covering	black
Luminous Flux (lm)	180
IP	20



405282

WHITE

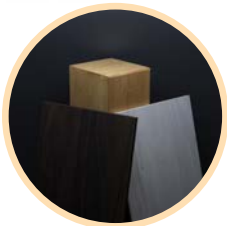
2700 - 3500
warm



405283

WHITE

3500 - 5000
neutral



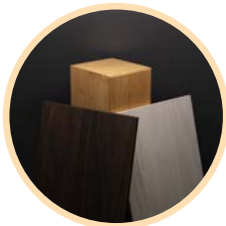
405284

WHITE

6000 - 6700
cold

BAILEN - 3 W

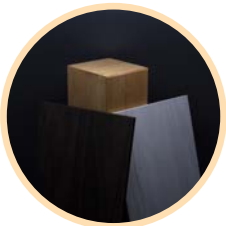
Covering	black
Luminous Flux (lm)	180
IP	20



405285

WHITE

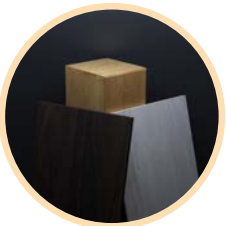
2700 - 3500
warm



405286

WHITE

3500 - 5000
neutral



405287

WHITE

6000 - 6700
cold

Power Supply 12 V

Power Supply power must be higher than the power of the lights, recommended reserve of 20%, with permanent lighting it is recommended to increase the reserve to at least 30%.

Suitable transformer calculation example
(LED strip 14.4W/m – 3 meters):

$3 \times 14.4 \text{ W} = 43.2 \text{ W}$
 $43.2 \times 1.2 = 51.84 \text{ W}$
 $43.2 \times 1.3 = 56.16 \text{ W}$
(permanent lighting)

For 3m of LED strip with input power of 14.4W/m it is therefore necessary to use power supply with output power of at least 51.84W - the nearest suitable transformer in the offer is 405185 (60 W).

Transformer should be at least 0.5 m away from other electrical appliances. Place so as to ensure sufficient ventilation - heat dissipation.

On the output there is a round connector (Jack).



134114
StrongLumio connection cable with round connector for LED 2m



285093
StrongLumio switchboard LED 6x Mini connector - Jack 0.25m

- 405183** | 15 W, 160 × 30 × 16 mm
- 405184** | 30 W, 160 × 58 × 18 mm
- 405185** | 60 W, 184 × 64 × 22 mm
- 405186** | 75 W, 170 × 57 × 32 mm
- 405187** | 100 W, 180 × 66 × 32 mm



381175
StrongLumio 2.1mm DC power socket with terminal block



484232
StrongLumio switch/dimmer (silver) 12-24V - 3PIN



484230
StrongLumio switch/dimmer (black) 12-24V - 3PIN



484231
StrongLumio switch/dimmer (white) 12-24V - 3PIN



484233
StrongLumio subsurface switch/dimmer 12-24V - 3PIN



484229
StrongLumio door sensor aluminum 12/24V - 3PIN

3 PIN Switches / Dimmers

They connect directly to a special 3PIN socket in the body of the power supply and ensure that all connected LED strips / spot lights are switched on / off / dimmed at the same time.

This makes the installation of lighting very simple. To MINI connectors (6 to 10 depending on power supply performance) just connect LED strips, or 12V spot lights, to a 3PIN connector labeled SENSOR connect one of the offered switches / dimmers.

484186 | StrongLumio Power supply 12V - 60W (6x mini connector + 1x 3PIN sensor) 115 × 25 × 200 mm

484185 | StrongLumio Power supply 12V - 24W (6x mini connector + 1x 3PIN sensor) 110 × 25 × 160 mm

484187 | StrongLumio Power supply 12V - 100W (10x mini connector + 1x 3PIN sensor) 115 × 25 × 200 mm

White - 6 W/m

LED qty. / m	60
wide (mm)	8
IP	20



284554	
580 lm/m	WHITE
2700 - 3500 warm	



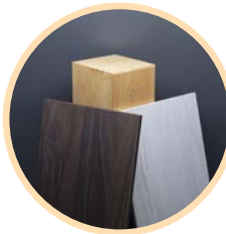
284555	
640 lm/m	WHITE
3500 - 5000 neutral	



284556	
700 lm/m	WHITE
6000 - 6700 cold	

White - 21.6 W/m

LED qty. / m	210
wide (mm)	8
IP	20



342534	
2500 lm/m	WHITE
3500 - 5000 neutral	

White - 12 W/m

LED qty. / m	120
wide (mm)	8
IP	20



284560	
1080 lm/m	WHITE
2700 - 3500 warm	



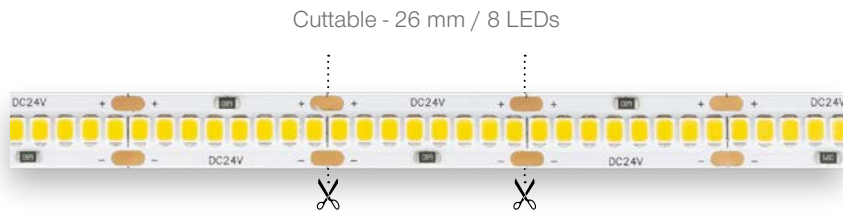
284561	
1160 lm/m	WHITE
3500 - 5000 neutral	



284562	
1200 lm/m	WHITE
6000 - 6700 cold	

White - 26 W/m

LED qty. / m	304
wide (mm)	10
IP	20



405359	
2200 lm/m	WHITE
2700 - 3500 warm	



405360	
2500 lm/m	WHITE
3500 - 5000 neutral	



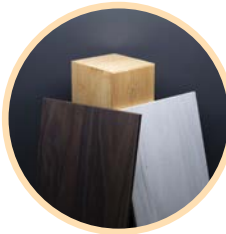
405361	
3000 lm/m	WHITE
6000 - 6700 cold	

White - 14.4 W/m

LED qty. / m	60
wide (mm)	10
IP	20



284566	
1260 lm/m	WHITE
2700 - 3500 warm	



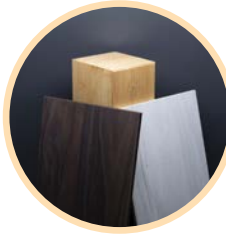
284567	
1290 lm/m	WHITE
3500 - 5000 neutral	



284568	
1340 lm/m	WHITE
6000 - 6700 cold	

White - 10 W/m

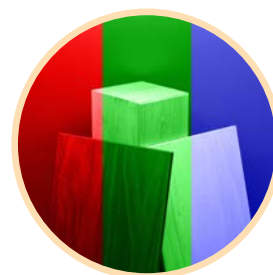
LED qty. / m	120
wide (mm)	-
IP	67



405177	
960 lm/m	WHITE
3500 - 5000 neutral	

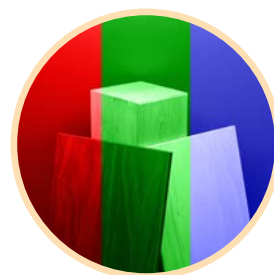
RGB - 14.4 W/m

LED qty. / m	60
wide (mm)	10
IP	20 - 65



284602

20 IP	RGB	
		



284569

65 IP	RGB	
		

CCT - 14.4 W/m

LED qty. / m	60
wide (mm)	10
IP	20

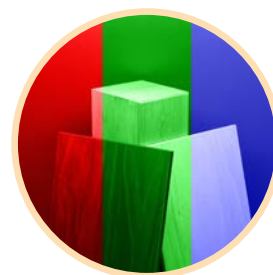


405176

700 lm/m	CCT
2700 - 8000	warm cold

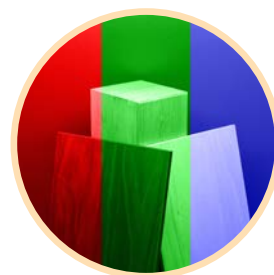
RGB - 14.4 W/m

LED qty. / m	120
wide (mm)	10
IP	20 - 65



406139

20 IP	RGB



406140

65 IP	RGB	
		

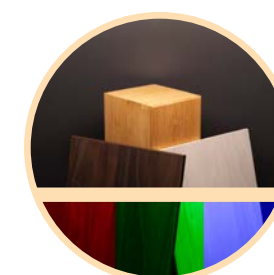
RGBW - 14.4 W/m

LED qty. / m	60
wide (mm)	12
IP	20



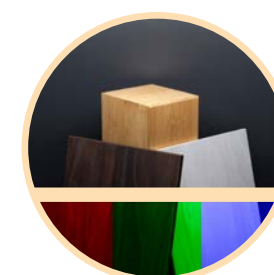
393024

RGB W
2700 - 3500 warm



472113

RGB W
3500 - 5000 neutral



472114

RGB W
6000 - 6700 cold

Simple control of LED Lighting

To control all kinds of LED strips (Monochrome, CCT, RGB, RGBW) you can use the universal 405357 unit, which supports connection to 230V-powered wall controllers, or conventional AAA battery controllers.

Thanks to the terminal block on the input and output side of the unit, the installation and commissioning of the LED lighting control is a simple and time-saving task.

Up to 10 controllers can be paired with one unit at one time, e.g. 1 conventional remote controller and several wall controllers. However, the combination options are purely at the customer's discretion and imagination and needs.

All the controllers in our offer are RF (RadioFrequency), which means that there is no need for the controller and unit to "see" each other directly. The unit can therefore be hidden in the ceiling, built in furniture, etc. and still receive a signal from the controller up to 20 m away.



405206
StrongLumio RF universal
5 in 1 remote control



467120



467118
StrongLumio RF universal
2 in 1 remote control



405357
46 × 25 × 160 mm

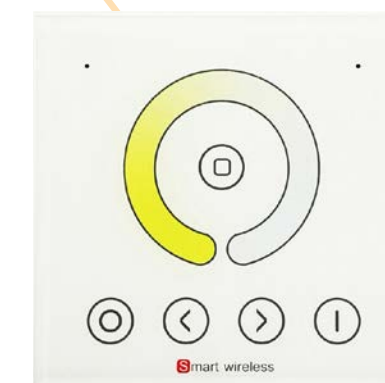
230V wall-mounted wireless controllers

You don't need any additional power supply for our wall-mounted controllers, as they connect directly to the 230V power supply and then communicate wirelessly (at 2.4 GHz) with the unit.

The 86*86*32 mm controller can be placed directly on a standard electrical box – the pitch of the mounting holes also corresponds.



467121



467122



467123



467124

Power Supply 24 V

Power Supply power must be higher than the power of the lights, recommended reserve of 20%, with permanent lighting it is recommended to increase the reserve to at least 30%.

Suitable transformer calculation example
(LED strip 14.4W/m – 3 meters):

$3 \times 14.4 \text{ W} = 43.2 \text{ W}$
 $43.2 \times 1.2 = 51.84 \text{ W}$
 $43.2 \times 1.3 = 56.16 \text{ W}$
(permanent lighting)

For 3m of LED strip with input power of 14.4W/m it is therefore necessary to use power supply with output power of at least 51.84W - the nearest suitable transformer in the offer is 405185 (60 W).

Transformer should be at least 0.5 m away from other electrical appliances. Place so as to ensure sufficient ventilation - heat dissipation.

On the output there is a round connector (Jack).



134114
StrongLumio connection cable with round connector for LED 2m



Power supply 24 V - Black - jack
284616 | 18 W, 88 × 39 × 28 mm
284617 | 30 W, 85 × 50 × 32 mm
284618 | 60 W, 116 × 52 × 33 mm
284619 | 80 W, 116 × 56 × 33 mm
284620 | 120 W, 175 × 72 × 42 mm



285093
StrongLumio switchboard LED 6x Mini connector - Jack 0.25m



Power supply 24 V - Flat - jack
284622 | 40 W, 160 × 58 × 20 mm
284623 | 60 W, 184 × 64 × 22 mm
405188 | 75 W, 170 × 57 × 32 mm
284624 | 100 W, 180 × 66 × 32 mm



381175
StrongLumio 2.1mm DC power socket with terminal block



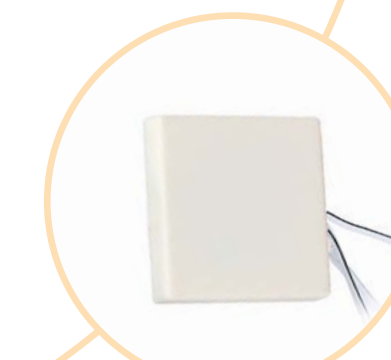
484232
StrongLumio switch/dimmer (silver) 12-24V - 3PIN



484230
StrongLumio switch/dimmer (black) 12-24V - 3PIN



484231
StrongLumio switch/dimmer (white) 12-24V - 3PIN



484233
StrongLumio subsurface switch/dimmer 12-24V - 3PIN



484229
StrongLumio door sensor aluminum 12/24V - 3PIN



3 PIN Switches / Dimmers

They connect directly to a special 3PIN socket in the body of the power supply and ensure that all connected LED strips / spot lights are switched on / off / dimmed at the same time.

This makes the installation of lighting very simple. To MINI connectors (6 to 10 depending on power supply performance) just connect LED strips, or 12 V spot lights, to a 3PIN connector labeled SENSOR connect one of the offered switches / dimmers.

484189 | StrongLumio Power supply 24V - 80W (6x mini connector + 1x 3PIN sensor) 115 × 25 × 200 mm

484188 | StrongLumio Power supply 24V - 36W (6x mini connector + 1x 3PIN sensor) 110 × 25 × 160 mm

484190 | StrongLumio Power supply 24V - 100W (10x mini connector + 1x 3PIN sensor) 115 × 25 × 200 mm

NERA

covering	white
body material	plastic
supply cable length	1.5 m
IP	20



392293
length 538 mm

10 W	1040 lm/m
WHITE	
3500 - 5000 neutral	



392294
length 838 mm

15 W	1600 lm/m
WHITE	
3500 - 5000 neutral	



392295
length 1138 mm

20 W	2030 lm/m
WHITE	
3500 - 5000 neutral	

CARACALLA

covering	chrome
body material	ABS plastic
supply cable length	2 m
IP	44



405291
length 300 mm

5.5 W	350 lm/m
WHITE	
3500 - 5000 neutral	



405292
length 600 mm

7.5 W	500 lm/m
WHITE	
3500 - 5000 neutral	

BALNEUM

covering	chrome
body material	ALU + ABS plastic
supply cable length	2 m
IP	44



405294
length 300 mm

5.5 W	370 lm/m
WHITE	
3500 - 5000 neutral	



405293
length 500 mm

7.5 W	530 lm/m
WHITE	
3500 - 5000 neutral	

Accessories



467125



467128



467129



469139
StrongLumio receiver for wireless self-powered switches 230V

Strong Lumio



Serie 5

All in one.

All in one package with remote control and TUYA mobile app. Plus, you connect with simple connectors, no need to solder.

White - 6 W/m

LED qty. / m	120
wide (mm)	8
IP	20



355846	
390 lm/m	WHITE
2700 - 3500	warm



355847	
410 lm/m	WHITE
3500 - 5000	neutral



355848	
425 lm/m	WHITE
6000 - 6700	cold

White - 21.6 W/m

LED qty. / m	210
wide (mm)	8
IP	20



355853	
1890 lm/m	WHITE
2700 - 3500	warm



355854	
2000 lm/m	WHITE
3500 - 5000	neutral



355855	
2100 lm/m	WHITE
6000 - 6700	cold

White - 14.4 W/m

LED qty. / m	120
wide (mm)	10
IP	20



355849	
1300 lm/m	WHITE
2700 - 3500	warm



355850	
1400 lm/m	WHITE
3500 - 5000	neutral



355851	
1500 lm/m	WHITE
6000 - 6700	cold

Connectors



378296	8 mm, Single color - 2 PIN
388183	10 mm, Single color - 2 PIN



378297	8 mm, Single color - 2 PIN
388184	10 mm, Single color - 2 PIN



467209	8 mm, Single color - 2 PIN
467217	10 mm, Single color - 2 PIN



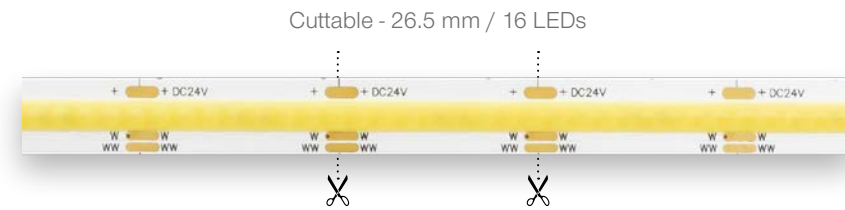
467207	8 mm, Single color - 2 PIN
467201	10 mm, Single color - 2 PIN

Accessories

Other accessories on the pages 66 - 71

CCT COB - 22 W/m

LED qty. / m	608
wide (mm)	10
IP	20

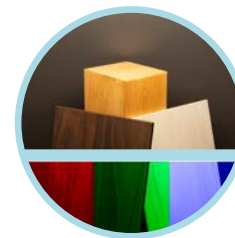


472110

2750 lm/m	CCT	COB
2700 - 8000 warm cold		

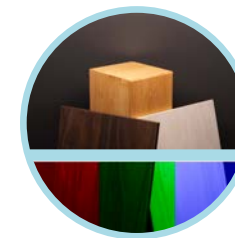
RGBW - 14.4 W/m

LED qty. / m	60
wide (mm)	12
IP	20



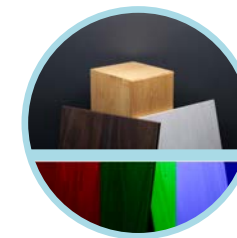
393024

RGB W	
2700 - 3500 warm	



472113

RGB W	
3500 - 5000 neutral	

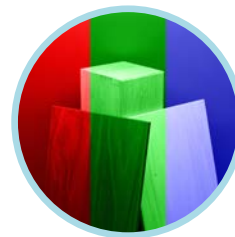
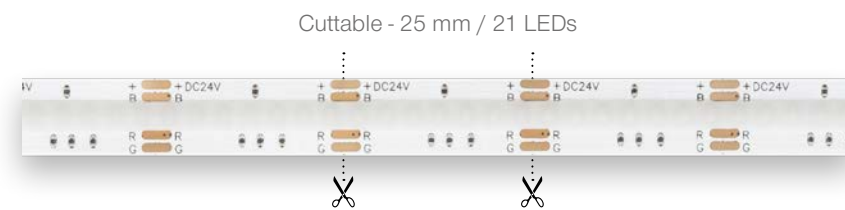


472114

RGB W	
6000 - 6700 cold	

RGB COB - 15 W/m

LED qty. / m	840
wide (mm)	10
IP	20



472111

RGB	COB

RGBCCT - 14.4 W/m

LED qty. / m	60
wide (mm)	12
IP	20

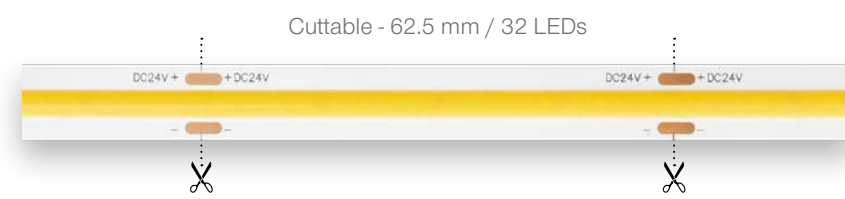


472112

RGB CCT	
2700 - 6500 warm cold	

White COB - 14.4 W/m

LED qty. / m	512
wide (mm)	10
IP	20



472109

1540 lm/m	WHITE	COB
2700 - 3500 warm		



472108

1680 lm/m	WHITE	COB
3500 - 5000 neutral		



472107

1750 lm/m	WHITE	COB
6000 - 6700 cold		

RGBCCT - 28.8 W/m

LED qty. / m	96
wide (mm)	12
IP	20



475425

RGB CCT	
2700 - 6500 warm cold	

Serie 5



All In One HUB 24V

Thanks to this unique device on the market, which combines everything needed to connect LED lighting, the installation of lighting becomes a simple and comfortable affair. StrongLumio All in One HUB, as the name suggests, is an all-in-one device.

It contains:

- 50, or 100W transformer to power LED lighting
- Remote control signal receiver
- Wi-Fi unit to pair All in One HUB with TUYA app
- Hub to connect up to 4 branches of LED lights.

All in One HUB is produced in variants for Single Color, CCT, RGB, RGBW, or RGBCCT LED strips.

All you need to do is plug into the socket using the included cable and plug in the LED strip from the other side. Already after these two steps, the LED lights are ready for use and you can choose whether to use one of our remote controls, the TUYA Smart app for mobile phones and tablets, or both options at the same time.



StrongLumio
All in One unit 50W
63 × 20 × 220 mm

- 486284** | Single color
- 486285** | CCT
- 486286** | RGB
- 486287** | RGBW
- 486288** | RGBCCT



StrongLumio
All in One unit 100W
63 × 20 × 220 mm

- 486289** | Single color
- 486290** | CCT
- 486291** | RGB
- 486292** | RGBW
- 486293** | RGBCCT



405206
StrongLumio RF universal
5 in 1 remote control



TUYA
App android
App iOS



467118
StrongLumio RF universal
2 in 1 remote control

The TUYA application



is designed not only for controlling lighting in households, but through the so-called "bridge", it allows to connect perhaps all home sensors from motion sensors, light intensity sensors (luxmeter) and further thermometers, hygrometers, air quality sensors, window magnets, cameras, etc., which can create links to lighting control, but also heating, air conditioning, not only in households, but also in the commercial sphere, such as offices, shops or restaurants.



GET IT ON
Google Play



Download on the
App Store

Among the interesting functions that can be used in lighting, for example, lighting control based on the so-called biorhythm, or lighting control to a constant value, i.e. depending on the intensity of daylight and the simultaneous presence in the room.



It can also be used in entertainment venues or restaurants, where we need to use RGB color lighting control (red, green, blue and their combinations).

In order for TUYA system to gain popularity, there is also the possibility to connect with global systems such as Google Assistant, or Amazon Alexa via the Shortcuts app also Apple HomeKit.

Another indisputable advantage is affordability and easy integration into a wide range of products. That is why TUYA system is offered by an ever wider range of Lighting manufacturers.

Smart LED lighting control

This revolutionary and simple LED lighting connection system is compatible with all LED strips in our range. With this system, the installed lighting becomes intelligent and part of the smart home in just a few simple steps.

Smart lighting allows you to control the lights in your home. With your mobile phone, you will not only be able to turn the light off or on, but also to change the color or intensity of the light exactly according to your wishes.

With intelligent lighting systems, you can easily adjust the home atmosphere created by the LED light sources in the rooms. All you need is a smart phone or tablet in your hand and you can control the lights throughout the house, flat or office, including both intensity and color control.

Depending on your mood or situation, you can choose from preset lighting scenes such as romantic dinner, colorful party lighting, reading mode, focus on work, etc.

Another advantage of intelligent lighting is the ability to program random or accurately timed switching on and off of various lights in the apartment while you are on vacation, for example, which can act as one of the elements of protecting property from thieves.

The Smart Unit 467117 is compatible with conventional battery (AAA battery) controllers, wall-mounted controllers (230v power supply), round design controller that can control any LED strip from our offer, as well as the TUYA Smart mobile application. All of the above control options can be used simultaneously, and the possibilities of combining different controllers and mobile application depend only on the user's needs and imagination.



405206
StrongLumio RF universal
5 in 1 remote control



TUYA
App android
App iOS



467121



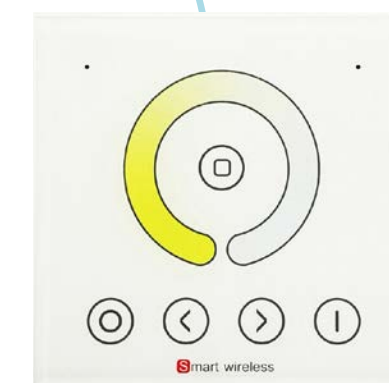
467120



467118
StrongLumio RF universal
2 in 1 remote control



467117
46 × 25 × 160 mm



467122



467124



467123

Self-powered kinetic switches

A kinetic switch does not require any power or battery for its proper functioning.

It draws the energy needed to send wireless commands to the unit (turn on/off/dim) from pressing the switch, similar to piezoelectric lighters.

It can be used to control 12/24 V, or 230V sets of lights, only the receiver differs:

- 467133 - StrongLumio receiver for 12/24 V wireless self-powered switches
- 469139 - StrongLumio receiver for 230 V wireless self-powered switches

By using self-powered switches and 12/24 V and 230 V units, it is possible to achieve a combination of lighting controls that are already part of the interior (e.g. 230 V ceiling lights) and LED strips, or 12/24 V spot lights. e.g. during kitchen renovation, you do not need to cut new grooves into the wall for wiring and you can connect to already installed ceiling lights to install unit 469139, pair it with the first button of the wireless controller (467127), connect the newly installed LED strips on the kitchen counter to unit 467133 and pair it with the second button of the same switch (467127). Finally, pair both units with the third button of the same switch.

Operating frequency: 433Mhz provides a range of up to 100 m (outdoor) and 30 m (indoor).

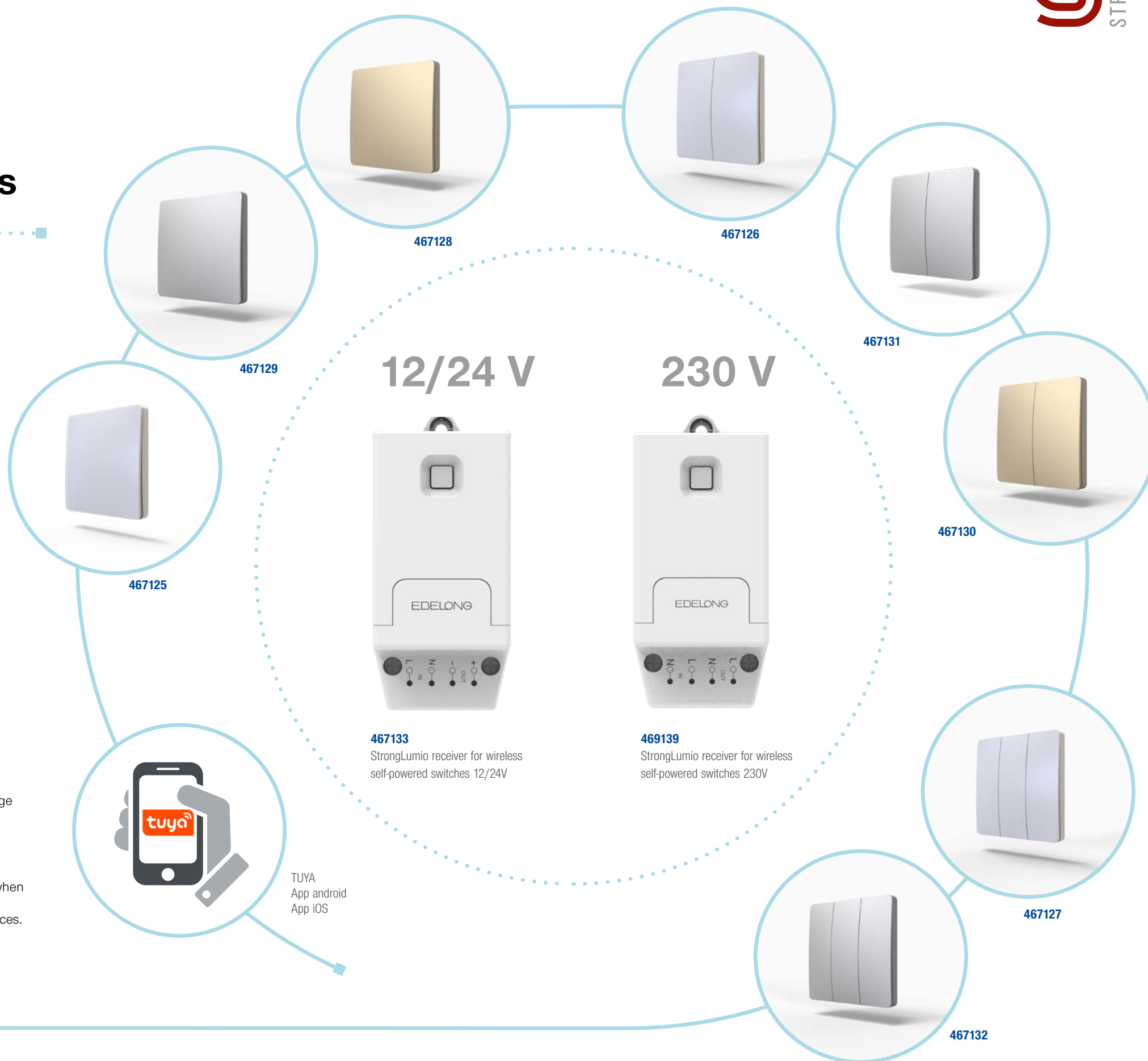
Operating temperature: -20 °C to + 55 °C

Dimensions: L86xW86xH14.5 mm

Ingress protection: IP67

The light intensity setting option is only active when using a receiver in the 12/24 V version.

This solution is only for monochrome light sources.



The TUYA app

In addition to the kinetic switches, the TUYA app can be used to control the lighting to which one of the Self-Power Switches units (467133, or 469139) is connected.

The on/off/dimming functions are available via the app (dimming only for the 12/24 V unit – 467133).

The phone or tablet with the TUYA app does not need to be connected to the same WiFi as the unit after pairing to control the lighting and can therefore be controlled from anywhere in the world.



GET IT ON
Google Play



Download on the
App Store



- max 12 mm
- special construction

Arc12

- flexible aluminium profile - possibility of bend cap in two directions
- the profile keeps shaped bend
- minimal bend cap radius: 50 cm
- decorative and illuminating purpose of the profile
- possibility of using two diffusers – better light dispersion
- possible outside installation
(with D diffuser and waterproof LED strip used)



- max 12 mm
- into the groove

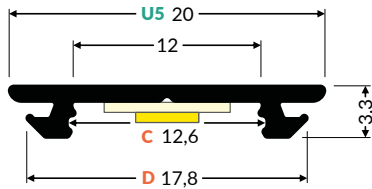
Begtin

- lightweight, cost-effective
- for use mainly in furniture
- without groove for LED strip (smooth)

Finish



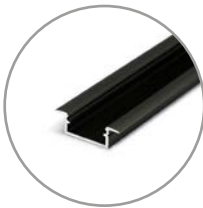
Raw ALU
343063 | 2 m



Finish



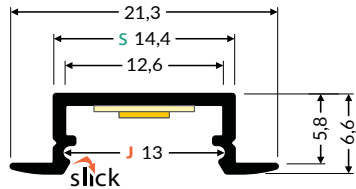
White
285035 | 2 m



Black
285036 | 2 m



Alu anodized
285034 | 2 m
285037 | 3 m



Covers



221008 | Opal, 3 m
404412 | Opal, 20 m

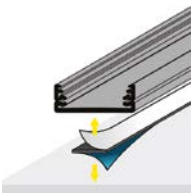


198517 | Transparent, 3 m



255931 | Opal, 3 m

Mounting



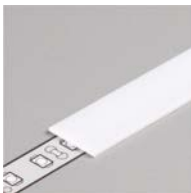
467484 | Adhesive Double-sided mounting tape, 12 mm × 5 m
471803 | Adhesive Double-sided mounting tape, 12 mm × 25 m

End cap



343064 | half round, plastic

Covers

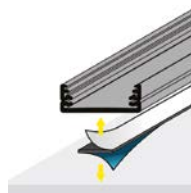


285052 | Opal, 2 m



285053 | Transparent, 2 m

Mounting



467484 | Adhesive Double-sided mounting tape, 12 mm × 5 m
471803 | Adhesive Double-sided mounting tape, 12 mm × 25 m

End cap



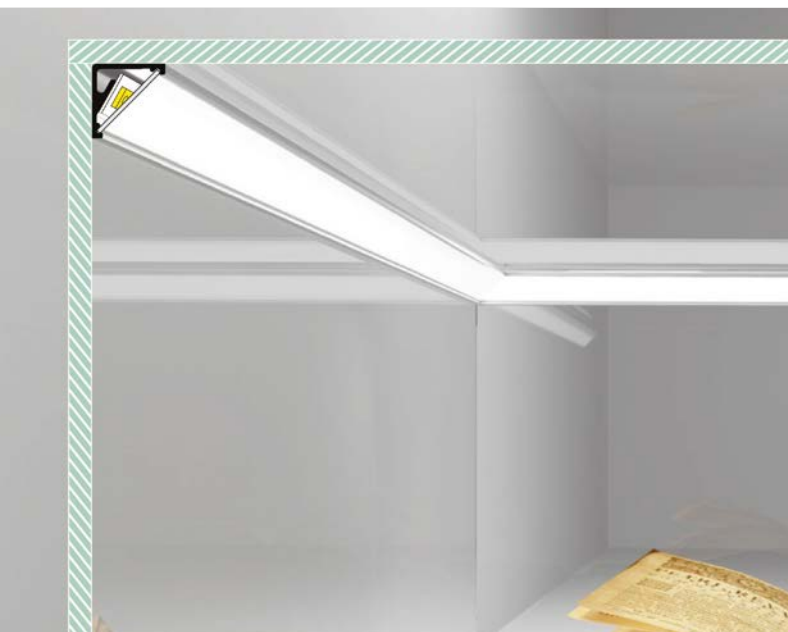
285039 | half round, white, plastic
285038 | half round, grey, plastic
285040 | half round, black, plastic



- max 12 mm
- to the surface

Begton

- lightweight, cost-effective
- without groove for LED strip (smooth)



- max 12 mm
- corner installation

Cabi12E

- 2 lighting angles: 30° / 60°
- inconspicuous, without holders, inside groove for hiding cables
- minimally interferes with the appearance of the furniture (for example, when used in a glass showcase)
- without groove for LED strip (smooth)

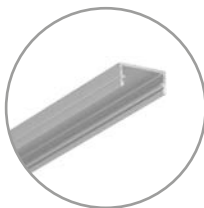
Finish



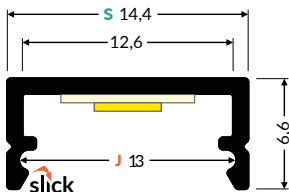
White
285042 | 2 m



Black
285043 | 2 m



Alu anodized
285041 | 2 m
285044 | 3 m



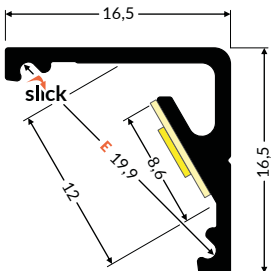
Finish



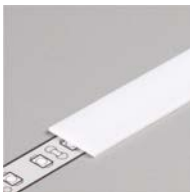
White
469093 | 2 m



Alu anodized
406041 | 2 m



Covers



285052 | Opal, 2 m

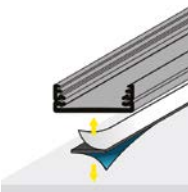


285053 | Transparent, 2 m



404412 | Opal, 20 m

Mounting



467484 | Adhesive Double-sided mounting tape, 12 mm × 5 m
471803 | Adhesive Double-sided mounting tape, 12 mm × 25 m

End cap

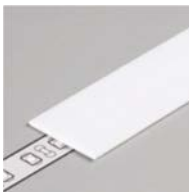


285046 | Rectangular, white, plastic
405277 | Rectangular, grey, plastic
405279 | Rectangular, black, plastic



285039 | half round, white, plastic
285038 | half round, grey, plastic
285040 | half round, black, plastic

Covers

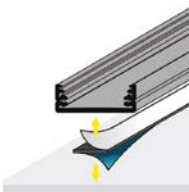


285084 | Opal, 2 m



285083 | Transparent, 3 m

Mounting



467484 | Adhesive Double-sided mounting tape, 12 mm × 5 m
471803 | Adhesive Double-sided mounting tape, 12 mm × 25 m

End cap



469095 | triangular, white plastic
285085 | triangular, grey plastic



- max 14 mm
- corner installation

Corner

- hidden mounting element
- 2 lighting angles: 30° / 60°



- max 14 mm
- into the groove

Diagonal14

- reduces the glare effect
- excellent for installation in furniture

Finish



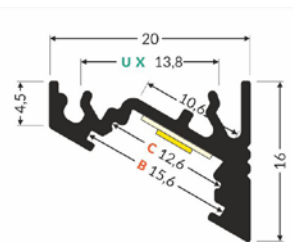
White
231271 | 1 m
230908 | 2 m
285026 | 3 m
353538 | 4 m



Black
231270 | 1 m
230907 | 2 m
285025 | 3 m
353539 | 4 m



Alu anodized
130636 | 1 m
130637 | 2 m
244329 | 3 m
252278 | 4 m



Finish



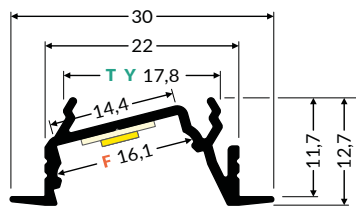
White
461843 | 2 m
461844 | 3 m



Black
461812 | 2 m
461818 | 3 m



Alu anodized
461786 | 2 m
461787 | 3 m



Covers



130642 | Opal, 1 m
221008 | Opal, 2 m



130645 | Transparent, 1 m
198517 | Transparent, 2 m



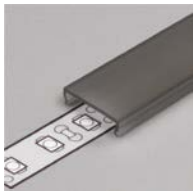
130649 | transparentná (Lenticular), 2 m



221007 | Opal, 1 m
221008 | Opal, 2 m
233554 | Opal, 3 m
269801 | Opal, 4 m
404412 | Opal, 20 m



198516 | Transparent, 1 m
198517 | Transparent, 2 m
244352 | Transparent, 3 m
252279 | Transparent, 4 m

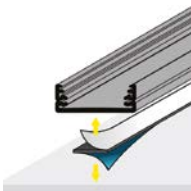


416702 | black, 1 m
416707 | black, 2 m
416709 | black, 3 m
416710 | black, 4 m

Mounting



215054 | Flexible mounting plates



467484 | Adhesive Double-sided mounting tape, 12 mm × 5 m
471803 | Adhesive Double-sided mounting tape, 12 mm × 25 m

End cap



276178 | Corner, white, plastic
130657 | Corner, grey, plastic
230910 | Corner, black, plastic

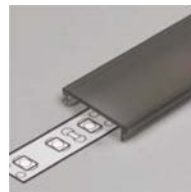
Covers



408366 | Opal, 2 m
461863 | Opal, 3 m

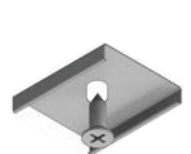


408365 | Transparent, 2 m
461860 | Transparent, 3 m



461859 | black 2 m
461874 | black 3 m

Mounting



462078 | Flexible mounting plates

End cap



462171 | Diagonal, white, plastic
462159 | Diagonal, black, plastic
462099 | Diagonal, grey, plastic



- max 8 mm
- into the groove

Flat

- flat recessed profile emitting diffused light
- decorative lighting
- parabolic, reflective element – even, smooth, diffused light
- designed for plasterboards – installation without the need to intervene in the frame structure
- can be mounted to furniture, walls, plinths and plinths using clips or directly (screws, adhesive tape or glue)

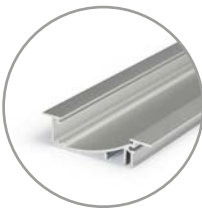


- max 12 mm
- into the joint
- IK08 (5 j) →

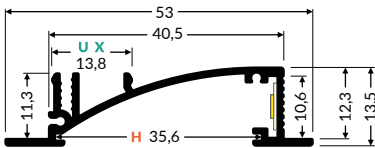
Floor

- recessed floor profile
- high scratch resistance of both the profile and the diffuser
- possibly waterproof
- in case of high humidity, please use waterproof tape

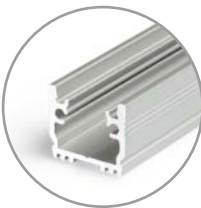
Finish



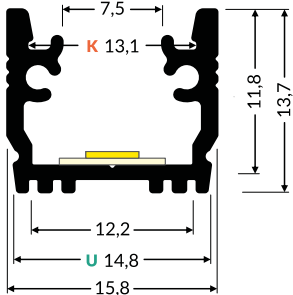
Alu anodized
215047 | 1 m
215048 | 2 m



Finish



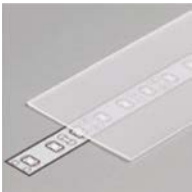
Alu anodized
285070 | 2 m
367362 | 3 m



Covers



215050 | Opal, 1 m
215051 | Opal, 2 m



215052 | Transparent, 1 m
215053 | Transparent, 2 m

Mounting



215054 | Flexible mounting plates

End cap



215049 | Rectangular, grey, plastic

Covers



285071 | Opal, 2 m
367363 | Opal, 3 m

End cap



285072 | square, grey, plastic



max 10 mm

into the groove

Groove

- mainly used in furniture
- possibility of mounting on the ceiling
- combinable with 7 types of diffusers



max 8 mm

into the groove

Hi8

- decorative lighting
- to the edges of furniture and stairs
- fits the mounting surface
- only the diffuser is visible
- miniature size

Finish



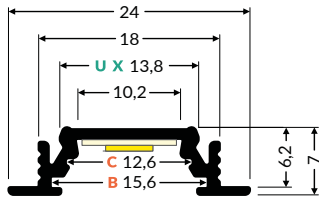
White
231269 | 1 m
230906 | 2 m
285024 | 3 m
353542 | 4 m



Black
231268 | 1 m
230905 | 2 m
277173 | 3 m
353543 | 4 m



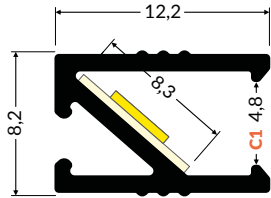
Alu anodized
130633 | 1 m
130634 | 2 m
233553 | 3 m
269800 | 4 m



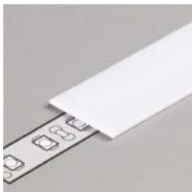
Finish



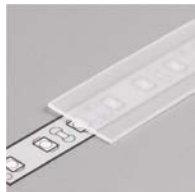
Alu anodized
405259 | 2 m
405260 | 3 m
405261 | 4 m



Covers



130642 | Opal, 1 m
221008 | Opal, 2 m



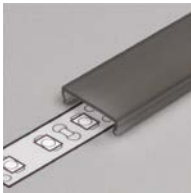
130645 | Transparent, 1 m
198517 | Transparent, 2 m



221007 | Opal, 1 m
221008 | Opal, 2 m
233554 | Opal, 3 m
269801 | Opal, 4 m
404412 | Opal, 20 m



198516 | Transparent, 1 m
198517 | Transparent, 2 m
244352 | Transparent, 3 m
252279 | Transparent, 4 m

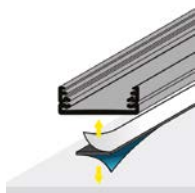


416702 | black, 1 m
416707 | black, 2 m
416709 | black, 3 m
416710 | black, 4 m

Mounting



215054 | Flexible mounting plates



467484 | Adhesive Double-sided mounting tape, 12 mm x 5 m
471803 | Adhesive Double-sided mounting tape, 12 mm x 25 m

End cap



274415 | half round, white, plastic
230909 | half round, black, plastic
130656 | half round, grey, plastic

Covers



405262 | Opal, 2 m
405263 | Opal, 3 m
405264 | Opal, 4 m

End cap



405266 | Rectangular, opal, plastic
405265 | Rectangular, grey, plastic



- max 12 mm
- to be mounted on the edge of the board

Lucas

- profile to be mounted on the edge of the board
- enables lighting of the space above and below it
- when using a suitable tape and accessories, the tapes can be lit separately or at the same time
- for material thickness 18 - 19 mm



- max 10 mm
- to be mounted on the edge of the board

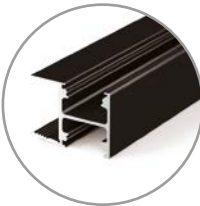
Lucera

- profile to be placed on the edge of the board
- enables lighting of the space above and below it
- when using a suitable tape and accessories, the tapes can be lit separately or at the same time
- for material thickness 18 - 19 mm
- a handle with a rubber seal is part of the profile

Finish



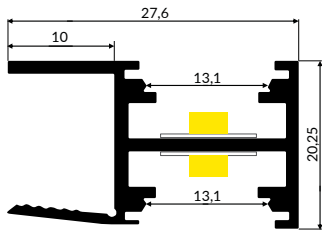
White
405272 | 2 m



Black
405273 | 2 m



Alu anodized
405271 | 2 m



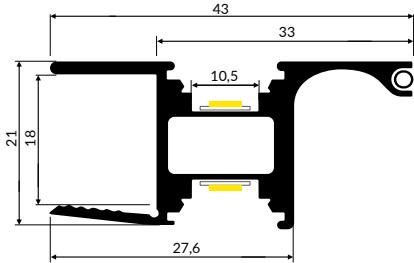
Finish



White
359334 | 2 m



Alu anodized
359333 | 2 m
359426 | 4 m



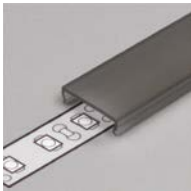
Covers



221008 | Opal, 2 m
233554 | Opal, 3 m
269801 | Opal, 4 m
404412 | Opal, 20 m



198517 | Transparent, 2 m
244352 | Transparent, 3 m
252279 | Transparent, 4 m



416707 | black, 2 m
416709 | black, 3 m
416710 | black, 4 m

Covers



221008 | Opal, 2 m
269801 | Opal, 4 m
404412 | Opal, 20 m



198517 | Transparent, 2 m
252279 | Transparent, 4 m



-  max 8 mm
-  into the groove

Slash8

- simple installation of LED strips
- can be inserted into a small groove (5x14 mm)
- enables installation in an arc (minimum bending radius is 25cm)
- light line without interruption if you combine it with a strip with a number of 120 diodes per m or more, or a COB LED strip.



-  max 12 mm
-  special construction

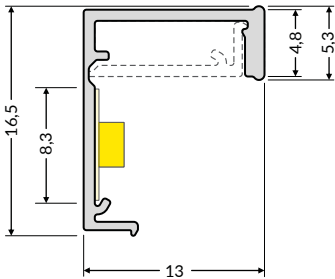
Pen

- decorative and illuminating profile, e.g. for all-glass showcases
- it is possible to mount it between the wall and the cabinet

Finish



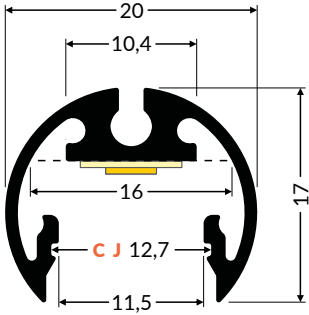
- White
- 405268** | 1 m
 - 405269** | 2 m
 - 405270** | 3 m



Finish



- White
- 230866** | 1 m
 - 230867** | 2 m



End cap



- 405267** | Rectangular, white, plastic

Covers

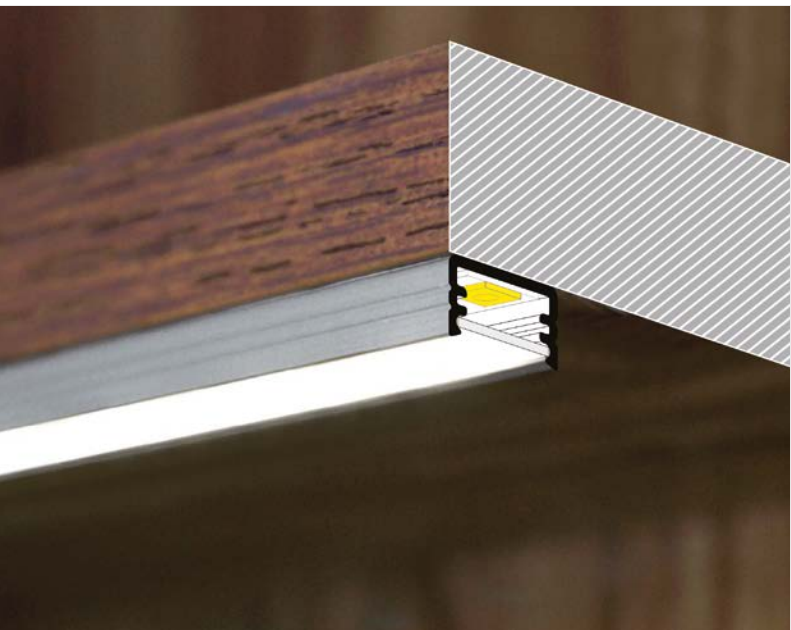


- 230901** | Transparent, 1 m
- 230902** | Transparent, 2 m

End cap



- 230893** | ending caps and holders, plastic and metal



- max 8 mm
- to the surface

Slim

- universally applicable
- without groove for LED strip (smooth)
- 2 side slots for brackets (wall mounting with or without offset)
- colored mounting clips



- max 10 mm
- to the surface

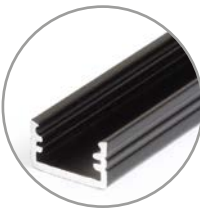
Smart

- light line without interruption if combined with a tape with a number of 120 diodes per m or more and a matte diffuser
- without groove for LED strip (smooth)
- miniature size
- universal use
- possibility to use in combination with waterproof LED strips

Finish



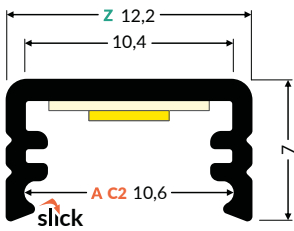
White
285027 | 2 m



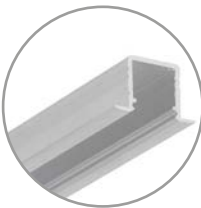
Black
285028 | 2 m



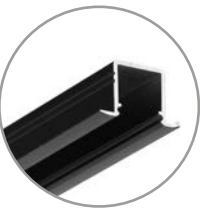
Alu anodized
215825 | 1 m
215826 | 2 m
285029 | 3 m



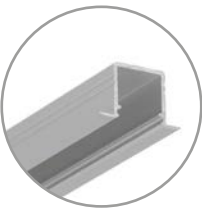
Finish



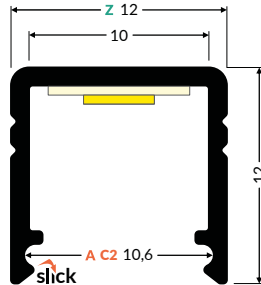
White
285049 | 2 m



Black
285050 | 2 m



Alu anodized
285048 | 2 m
285051 | 3 m



Covers



215845 | Opal, 1 m
215846 | Opal, 2 m



215847 | Transparent, 1 m
215848 | Transparent, 2 m
285031 | Transparent, 3 m

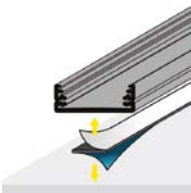
Mounting



285059 | Flexible mounting plates
285060 | Flexible mounting plates, black



285032 | Rectangular, white, plastic
285033 | Rectangular, black, plastic
215852 | Rectangular, grey, plastic



467484 | Adhesive Double-sided mounting tape, 12 mm x 5 m
471803 | Adhesive Double-sided mounting tape, 12 mm x 25 m

Covers



215848 | Transparent, 2 m
285031 | Transparent, 3 m



215846 | Opal, 2 m

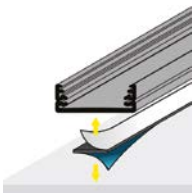
Mounting



285059 | Flexible mounting plates
285060 | Flexible mounting plates, black



285057 | square, white, plastic
285058 | square, black, plastic
285056 | square, grey, plastic



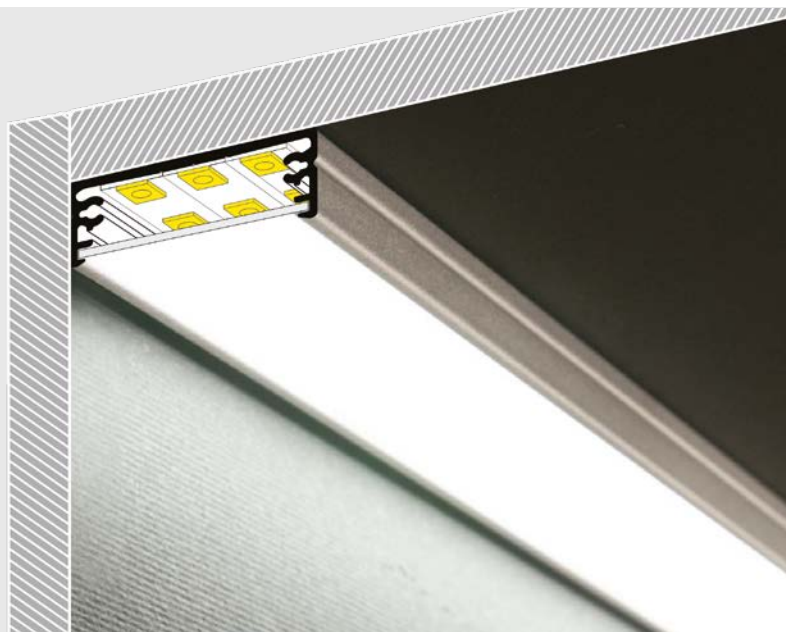
467484 | Adhesive Double-sided mounting tape, 12 mm x 5 m
471803 | Adhesive Double-sided mounting tape, 12 mm x 25 m



- max 10 mm
- to the surface

Surface

- hidden
- wide assortment of accessories, 7 types of diffusers



- max 24 mm
- to the surface

Wide

- allows you to use up to 3 LED strips placed next to each other
- without groove for LED strip (smooth)

Finish



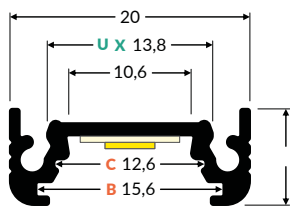
White
231267 | 1 m
230904 | 2 m
285023 | 3 m
353540 | 4 m



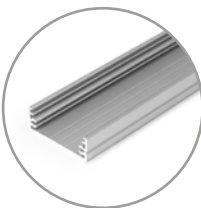
Black
231266 | 1 m
230903 | 2 m
275767 | 3 m
353541 | 4 m



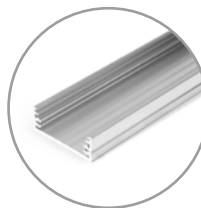
Alu anodized
130588 | 1 m
130589 | 2 m
244328 | 3 m
252277 | 4 m



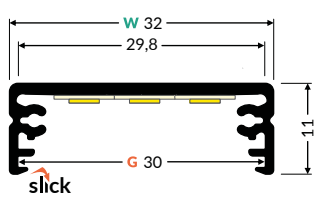
Finish



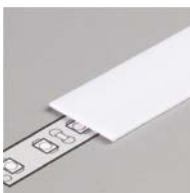
Alu anodized
224549 | 1 m
179745 | 2 m



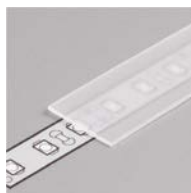
Raw ALU
130639 | 1 m
130640 | 2 m



Covers



130642 | Opal, 1 m
221008 | Opal, 2 m



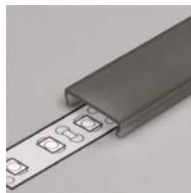
130645 | Transparent, 1 m
198517 | Transparent, 2 m



221007 | Opal, 1 m
221008 | Opal, 2 m
233554 | Opal, 3 m
269801 | Opal, 4 m
404412 | Opal, 20 m



198516 | Transparent, 1 m
198517 | Transparent, 2 m
244352 | Transparent, 3 m
252279 | Transparent, 4 m



416702 | black, 1 m
416707 | black, 2 m
416709 | black, 3 m
416710 | black, 4 m

Mounting



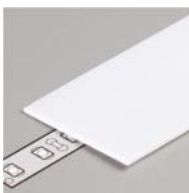
215054 | Flexible mounting plates

End cap



276179 | Rectangular, white, plastic
230911 | Rectangular, black, plastic
130658 | Rectangular, grey, plastic

Covers

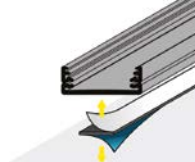


130651 | Opal, 1 m
130652 | Opal, 2 m



130654 | Transparent, 1 m
130655 | Transparent, 2 m

Mounting



467484 | Adhesive Double-sided mounting tape, 12 mm x 5 m
471803 | Adhesive Double-sided mounting tape, 12 mm x 25 m

End cap



130659 | Rectangular, grey, plastic

MEANWELL 12V and 24V LED power supplies with high performance (variants up to 320W) and top quality.

The LED power supplies are fitted with only the highest quality components to ensure long-term and carefree operation.

Power supplies from MEANWELL have wires at both ends, the body is made of metal. The encapsulated body protects the components from the penetration of moisture or liquids. The body of the power supply is equipped with two handles for easy attachment to the board.

- dust-proof and waterproof design of the power supply
- reliability and quality guarantee Meanwell - 5 years warranty
- durable metal body with mounting handles
- high efficiency of the power supply
- easy connection directly to the cables



Power supply 12 V



482663 | Power supply MEAN WELL XLG-150-12-A, 12V, 150W, IP67 180 × 63 × 35.5 mm



482682 | Power supply MEAN WELL XLG-200-12-A, 12V, 200W, IP67 199 × 63 × 35.5 mm



482684 | Power supply MEAN WELL HLG-320H-12-A, 12V, 264W, IP67 252 × 90 × 43.8 mm

Power supply 24 V



482670 | Power supply MEAN WELL XLG-150-24-A, 24V, 150W, IP67 180 × 63 × 35.5 mm



482683 | Power supply MEAN WELL XLG-200-24-A, 24V, 200W, IP67 199 × 63 × 35.5 mm



482686 | Power supply MEAN WELL HLG-320H-24-A, 24V, 320W, IP67 252 × 90 × 43.8 mm

Connectors

Strip to Strip connection



- 467209** | 8 mm, Single color - 2 PIN
- 467217** | 10 mm, Single color - 2 PIN
- 467210** | 10 mm, CCT - 3 PIN
- 467211** | 10 mm, RGB - 4 PIN
- 467215** | 10 mm, RGBW - 5 PIN
- 467216** | 10 mm, RGBCCT - 6 PIN



- 467218** | 8 mm, Single color - 2 PIN
- 467214** | 10 mm, Single color - 2 PIN
- 487104** | 10 mm, CCT - 3 PIN
- 487104** | 10 mm, RGB - 4 PIN



- 378296** | 8 mm, Single color - 2 PIN
- 388183** | 10 mm, Single color - 2 PIN



- 467226** | 8 mm, Single color - 2 PIN
- 467222** | 10 mm, Single color - 2 PIN
- 467223** | 10 mm, CCT - 3 PIN
- 467224** | 10 mm, RGB - 4 PIN

LED Strip - cable connection



- 467207** | 8 mm, Single color - 2 PIN
- 467201** | 10 mm, Single color - 2 PIN
- 467202** | 10 mm, CCT - 3 PIN
- 467203** | 10 mm, RGB - 4 PIN
- 467205** | 10 mm, RGBW - 5 PIN
- 467206** | 10 mm, RGBCCT - 6 PIN



- 467208** | 8 mm, Single color - 2 PIN
- 467204** | 10 mm, Single color - 2 PIN
- 487105** | 10 mm, CCT - 3 PIN
- 487106** | 10 mm, RGB - 4 PIN



- 378297** | 8 mm, Single color - 2 PIN
- 388184** | 10 mm, Single color - 2 PIN



- 467225** | 8 mm, Single color - 2 PIN
- 467219** | 10 mm, Single color - 2 PIN
- 467220** | 10 mm, CCT - 3 PIN
- 467221** | 10 mm, RGB - 4 PIN

Strip to strip bridge



- 467200** | 8 mm, Single color - 2 PIN
- 467199** | 10 mm, Single color - 2 PIN
- 487107** | 10 mm, CCT - 3 PIN
- 487108** | 10 mm, RGB - 4 PIN

"L" shaped LED strip connection



- 467212** | 10 mm, Single color - 2 PIN
- 467213** | 10 mm, RGB - 4 PIN



- 388254** | 10 mm, RGBW - 5 PIN



- 342539** | 8 mm, Single color - 2 PIN
- 342540** | 10 mm, Single color - 2 PIN

Combinability of ALU profiles and LED strip connectors



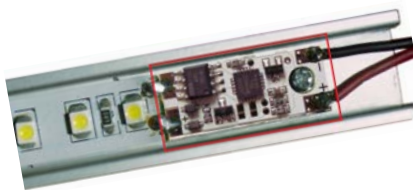
Internal dimension of the profile (mm)	12	12.6	12.6	12	14.4	14.4	10.6	12.2	10.6
Profile name	Arc12	Begtin	Begton	Cabi12E	Corner	Diagonal14	Flat	Floor	Groove
2 PIN (Single color LED Strips)	467214	467214	467214	467214	467214	467214	467218	467214	467218
	467218	467218	467218	467218	467218	467218	467200	467218	467200
	467199	467199	467199	467199	467199	467199	467208	467199	467208
	467204	467204	467204	467204	467204	467204	467225	467204	467225
	467200	467200	467200	467200	467200	467200	378296	467200	378296
	467208	467208	467208	467208	467208	467208	378297	467208	378297
	467226	467217	467217	467226	467217	467217		467226	
	467225	467207	467207	467225	467207	467207		467225	
	388183	467222	467222	388183	467222	467222		388183	
	388184	467219	467219	388184	467219	467219		388184	
	378296	467226	467226	378296	467226	467226		378296	
	378297	467225	467225	378297	467225	467225		378297	
		388183	388183		388183	388183			
		388184	388184		388184	388184			
		378296	378296		378296	378296			
		378297	378297		378297	378297			
3 PIN (CCT)		467223 467220	467223 467220		467223 467220	467223 467220			
4 PIN (RGB)		467224 467221	467224 467221		467224 467221	467224 467221			
5 PIN (RGBW)									
6 PIN (RGB+CCT)									

Internal dimension of the profile (mm)	8.3	14.4	10.5	8.3	11	10.4	10	10	23
Profile name	HI8	Lucas	Lucera	Slash8	Pen	Slim	Smart	Surface	Wide
2 PIN (Single color LED Strips)		467214 467218 467199 467204 467200 467208 467217 467207 467222 467219 467226 467225 388183 388184 378296 378297	467218 467200 467208 467225 378296 378297		467218 467200 467208 467226 467225 378296 378297	467218 467200 467208 467225 378296 378297	467218 467200 467208 378296 378297	467218 467200 467208 378296 378297	467214 467218 467199 467204 467200 467208 467209 467201 467217 467207 467212 467222 467219 467226 467225 388183 388184 378296 378297
		467223 467220							467210 467202 467223 467220
		467224 467221							467211 467213 467203 467224 467221
									467215 467205
									467216 467206
3 PIN (CCT)		467223 467220							467210 467202 467223 467220
4 PIN (RGB)		467224 467221							467211 467213 467203 467224 467221
5 PIN (RGBW)									467215 467205
6 PIN (RGB+CCT)									467216 467206

12-24V Accessories



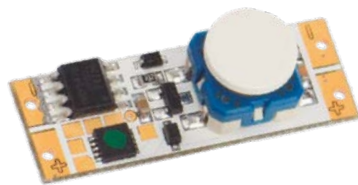
Switches / dimmers (for ALU profiles)



215666 | Touch switch (for soldering) - yellow LED
215772 | Touch switch (for soldering) - blue LED
392223 | Touch switch (for soldering) - without LED

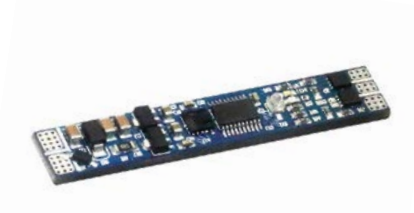


312315 | Multiswitch/dimmer 3in1 (for soldering) - yellow LED
312316 | Multiswitch/dimmer 3in1 (for soldering) - blue LED



312317 | Switch/dimmer mechanical (for soldering)

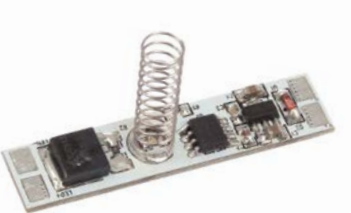
Touchless switch / dimmer with lighting temperature setting



405195 | Touchless switch/dimmer to ALU profiles (for soldering) -Single color and CCT LED strips



405196 | Motion sensor to profile (for soldering)



342513 | Touch switch/dimmer to ALU profile (for soldering)

Touch switches / dimmers



342516 | Touch switch - black
342517 | Touch switch - white
405197 | Touch switch - silver



405198 | Subsurface switch / dimmer



405199 | Touch switch / dimmer - black
405200 | Touch switch / dimmer - white
405201 | Touch switch / dimmer - silver

Touchless switches / dimmers



405918 | Black
405917 | White
405202 | Silver



374370 | Touchless switch

Door switches with control unit



342518 | Control unit for door / touchless sensors



342519 | Door / touchless sensors (max 3 per unit), black



342520 | Door / touchless sensors (max 3 per unit) - white

Door switches



374369 | Door switch



342514 | Door switch - silver
405915 | Door switch - white
405916 | Door switch - black



134116 | Door mechanical switch (12 - 230V) - white
134117 | Door mechanical switch (12 - 230V) - black

Motion switches and sensors



343040 | PIR motion sensor



405209 | Motion sensor with built-in twilight sensor.

12V - 230V Accessories



SAL341 | Mechanical switch - white
SAL342 | Mechanical switch - black



SAL343 | Mechanical switch - grey
SAL344 | Mechanical switch - brown



285105 | Cable with footswitch 230v

We shone a light on the electricity in the furniture.

In the Furniture
Electrification
brochure you will find
products that simplify
everyday life.



For electronic
brochure version
scan the QR code.