

STRONG



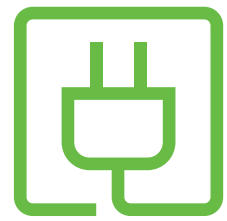
Lumio
All in one unit
24V/50W



Output 24V DC
Frequency 2.4 GHz
Item nr. 185285
Model ST-KS02A1C-50W5-WF2-G1-2
SN OVC270206646

Importer:
Demros Trade, a.s.
Křovákova 630/13
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Czech Republic
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lighting and electrification of furniture



ADVISORY SERVICE

Not sure about the fittings and the choice of assembly?
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ORDER FORM FOR LED STRIPS

Configure your own LED assembly quickly and easily with our online configurator that helps you order compatible components in one step.



CUSTOMISED LED STRIPS

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PORTAL

A customer portal for purchasing, order overview, job submission, formatting, and order status tracking. Stock availability, your prices, and much more — all in one place.



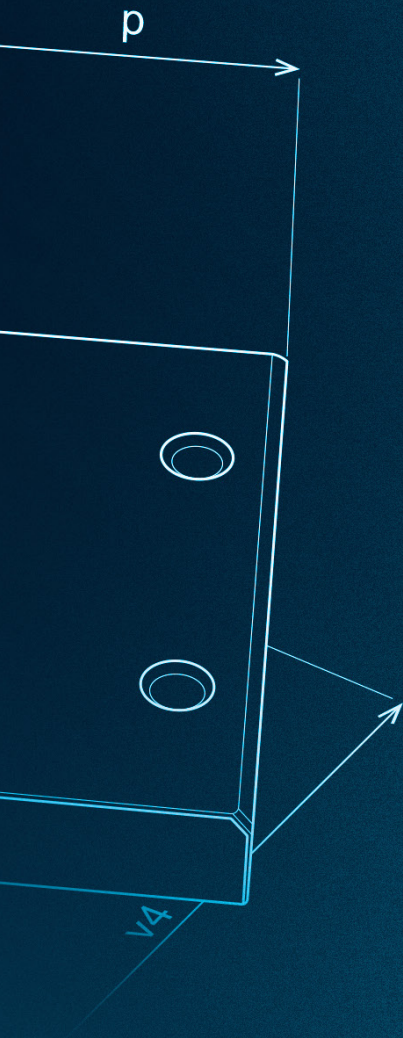
SAMPLE ROOM DISPLAYS

Do the strips shine enough? How do the sensors work? What do the chargers and connection points look like and how big are they? Does a wireless charger work with my phone? Come and see for yourself, or send your customers to our sample room. We will walk them through everything and help them make the right choice.



DELIVERY TO YOUR DOOR

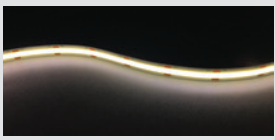








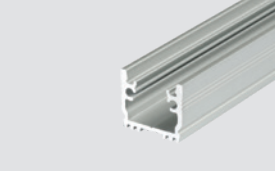


All orders will be delivered to your hands within 72 hours.



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RGB Red-Green-Blue (red – green – blue)

It consists in mixing the three colours at different intensities. This combines to create any colour (up to 16 million shades). If the red, green and blue colours intersect in full intensity, a white colour is produced – bluish, not very natural. Connection by cable with 4 cores (Plus, red: R, green: G, blue: B – 4 PIN).

RGBW

Combination of RGB spectrum with white (RGB WW – with warm white, RGB NW – with daylight, neutral white, RGB CW – with cold white). The connecting cable has 5 outputs (Plus, red: R, green: G, blue: B, White: – 5 PIN).

RGBCCT

The best you can get. They combine RGB and CCT technology into one LED strip. Thanks to this, you can set any RGB colour, plus the white light temperature. The connecting cable has 6 outputs (Plus, red: R, green: G, blue: B, Warm white: – WW, cold white: CW – 6 PIN).

Single-colour LED strips

In our offer, the single-colour strips (white light) are divided into three groups according to their temperature: warm, neutral, cold. We can also change the intensity of the light, the white temperature is invariable. They are connected with a two-core cable (plus and minus – 2 PIN).

CCT (Correlated Color Temperature)

LED strip technology allows the user to adjust the white colour temperature from 2300 to 6500 K. Use the control to select between cold and warm light or to change the intensity of the light.

Connection by three-core cable (Plus, warm white: WW, cold white: CW – 3 PIN).

Explanation of the differences between 12 V and 24 V

Why choose 24 V LED lighting? Generally speaking, if all other parameters are maintained (number and size of diodes, total power, materials used, etc.), the difference in luminous intensity is not noticeable at first glance, but it does become apparent when longer continuous lines are used. 12 V strips have a more pronounced drop in luminous intensity when power supply is applied from one end. The result is a maximum recommended length of 5 m, while 24 V constant voltage strips are recommended by producers to be wired in maximum lengths of 7–10 m.

This is due to the lower current drawn from the source compared to 12 V strips. To achieve the same power, twice the voltage is enough to get half the current. This fundamental relationship allows 24 V devices to typically power twice as powerful sets compared to 12 V. As a result, a switch for a maximum current of 4 A can handle 48 W at 12 V while handling up to 96 W at 24 V.

Without going into too much technical detail, it can be simplified to say that in most cases the classic constructions have 12 V half length sections for shortening, which can play a role in cutting the length to suit a particular project.

Summary in points:

12 V strips

- can be shortened more flexibly

24 V strips

- allow the connection of longer sections in one piece
- they only need half the current for the same power
- with half the current, they generally heat up less and allow thinner conductors

StrongLumio S3 | 24 V COB strips

COB (= chip on board) LED strips

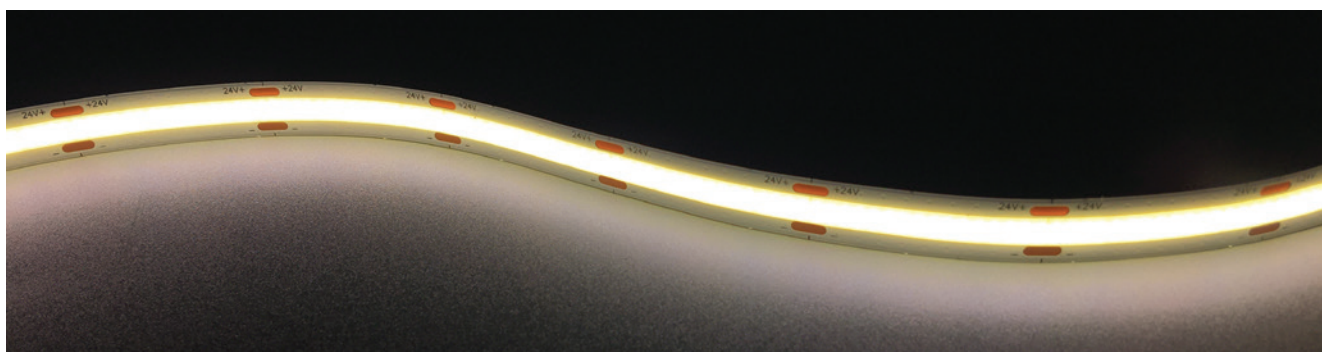
Characterised by a high density of miniature diodes encapsulated in a layer of phosphor, creating a continuous line of light. The result is generally good performance characteristics with the effect of uniform illumination even when viewed at close range. This is a trend that, particularly in recent years, has become a standard and fully-fledged alternative to classic SMD (= surface mounted diode) strips, especially where visual comfort and aesthetics are prioritised.

Advantages

Uninterrupted line of light – high aesthetic quality
 Homogeneous light diffusion, reduced glare
 Better light uniformity even at short distances and in shallow profiles

Disadvantages

More susceptible to mechanical damage, as the individual chips do not each have their own housing
 Slightly poorer heat dissipation due to the large number of chips placed in close proximity
 Basic models may have lower efficiency in lm/W



8 mm COB strips 24 V

- CRI 90+ natural colour rendering
- protection rating: IP20, interior use only
- white phosphor edges ensure even better light diffusion
- uniform illumination even at low brightness or when dimming

Trimming every 50 mm



24 V, 5 W, 320 LED/m, 8 mm

- particularly suitable for decorative and subtle lighting
- low energy consumption, but also limited luminous intensity

WARRANTY

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YEARS

24 V, 12 W, 480 LED/m, 8 mm

- primary and decorative interior lighting
- suitable for standard direct lighting and more demanding decorative applications
- high-luminosity chips
- extra warm white for lighting with emphasis on visual comfort and a natural evening ambience

code	light colour	temperature	luminous intensity	LED/m	width	input power/m
544503	warm white	±3000 K	400 lm/m	320	8 mm	5 W
544532	neutral white	±4000 K	450 lm/m	320	8 mm	5 W
544533	cold white	±6500 K	450 lm/m	320	8 mm	5 W
544583	extra warm white	±2000 K	840 lm/m	480	8 mm	12 W
491417	warm white	±3000 K	1200 lm/m	480	8 mm	12 W
491405	neutral white	±4500 K	1300 lm/m	480	8 mm	12 W
491416	cold white	±6500 K	1300 lm/m	480	8 mm	12 W

Recommended connectors:

507813 StrongLumio universal connector LED strip/twin cable 8 mm
 507815 StrongLumio corner connector LED strips 2 pins 8 mm



StrongLumio S5 | 24 V COB strips



24 V, 8 W/m, 320 LED, 5 mm

- CRI 90+ natural colour rendering, high colour consistency
- protection rating: IP20, interior use only
- suitable for example for narrow profiles and decorative lighting
- TIP: Kronospan Rocko tiles LED profile 533222

WARRANTY

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YEARS

Trimming every 25 mm – high degree of flexibility



543617

24 V, 14.4 W/m, 512 LED/m, 10 mm

- CRI 90+ natural colour rendering, high colour consistency
- protection rating: IP20, interior use only
- high-luminosity San'an 922 chips
- high lighting intensity, extended warranty

WARRANTY

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YEARS

Trimming every 62.5 mm



code	light colour	temperature	luminous intensity	LED/m	width	input power/m	Strip – cable connector	Strip – strip connector	Corner connector
544584	warm white	±3000 K	800 lm/m	320	5 mm	8 W	543617	543618	543619
544585	neutral white	±4000 K	840 lm/m	320	5 mm	8 W	543617	543618	543619
544586	cold white	±6500 K	880 lm/m	320	5 mm	8 W	543617	543618	543619
472109	warm white	±3000 K	1540 lm/m	512	10 mm	14,4 W	507814	507814	507816
472108	neutral white	±4000 K	1680 lm/m	512	10 mm	14,4 W	507814	507814	507816
472107	cold white	±6500 K	1750 lm/m	512	10 mm	14,4 W	507814	507814	507816

24 V, 12 W, 528 LED/m, 8 mm free cut

- CRI 90+ natural colour rendering
- protection rating: IP20, interior use only
- **can be trimmed at any point along the entire length of the strip**
- suitable for custom installation especially in situations where precise termination is important
- tinned edges help prevent oxidation and ensure more reliable contact
- lower light efficiency in exchange for maximum flexibility

Free-cut

WARRANTY

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YEARS



code	light colour	temperature	luminous intensity	LED/m	width	input power/m
544587	warm white	±3000 K	670 lm/m	480	8 mm	12 W
544592	neutral white	±4000 K	740 lm/m	480	8 mm	12 W
544593	cold white	±6500 K	720 lm/m	480	8 mm	12 W

Recommended connectors:

- 507813 StrongLumio universal connector LED strip/twin cable 8 mm
- 507815 StrongLumio corner connector LED strips 2 pins 8 mm





StrongLumio S5 | 24 V CCT COB strips

CCT COB strips 24 V

CCT strips allow regulation of white colour temperature from warm yellowish to cool white. Particularly suitable for spaces with varying requirements throughout the day, e.g. living rooms during the day and in the evening. Standard control units regulate warm and cool white reciprocally, i.e. they increase one channel and decrease the other. The total light output and energy consumption are therefore practically half compared to the simple sum of both channels.

24 V, 10 + 10 W, 576 LED/m, 8 mm

- CRI 90+ natural colour rendering
- protection rating: IP20, interior use only
- white phosphor edges ensure even better light diffusion
- uniform illumination even at low brightness or when dimming

Trimming every 41.67 mm

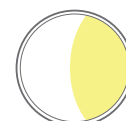


- CCT strip with 2 pins allows regulation of white colour temperature via 2 conductors (like single-colour strips)
- requires the use of an appropriate control unit and controller
- in any other wiring configuration, can be used as warm or cool white (depending on polarity)

WARRANTY

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YEARS

code	light colour	temperature	luminous intensity	LED/m	width	input power/m
544705	from warm white to cold white	2700 - 6500 K	930 lm/m	576	8 mm	10 W



CCT

Related product range:

- 546641 kinetic receiver for 2-wire CCT
- 546638 receiver for 2-wire CCT for standard controllers



Recommended connectors:

- 507813 StrongLumio universal connector LED strip/twin cable 8 mm
- 507815 StrongLumio corner connector LED strips 2 pins 8 mm

24 V, 11 + 11 W, 608 LED/m, 10 mm

- CRI 90+ natural colour rendering
- protection rating: IP20, interior use only
- **allows independent regulation of white colour temperature**
- 3 conductors, corresponding connectors and three-core cable must be used
- requires the use of an appropriate control unit and controller

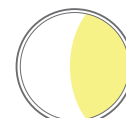
Trimming every 26.5 mm



WARRANTY

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YEARS

code	light colour	temperature	luminous intensity	LED/m	width	input power/m
472110	from warm white to cold white	2700 - 6500 K	1100 lm/m	608	10 mm	11 W



CCT

Recommended connectors:

- 543620 StrongLumio CCT/RGB COB LED strip – cable connector 10 mm
- 543621 StrongLumio CCT/RGB COB LED strip – strip connector 10 mm
- 543622 StrongLumio corner connector CCT/RGB COB LED strip 10 mm



StrongLumio S5 | 24 V COB strips



24 V, 14.4 W, 840 LED/m, 10 mm RGB

- 24 V, 14.4 W, 840 LED/m, 10 mm RGB
- RGB LED strips combine 3 colour components and allow lighting regulation in any shade
- protection rating: IP20, interior use only
- particularly suitable for decorative lighting of interiors, furniture, and suspended ceilings
- not suitable for standard white lighting, which places greater strain on the strip and does not appear natural
- power consumption of 14.4 W corresponds to full intensity of all 3 colours = when set to 'white'



Trimming every 50 mm



WARRANTY

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YEARS

code	description
472111	COB RGB strip

Recommended connectors:

- 543620 StrongLumio CCT/RGB COB LED strip – cable connector 10 mm
- 543621 StrongLumio CCT/RGB COB LED strip – strip connector 10 mm
- 543622 StrongLumio corner connector CCT/RGB COB LED strip 10 mm



24 V, 12 W, 360 LED/m, 10 mm digital

- Digital COB strip allows individual segments to be switched sequentially, achieving various dynamic effects
- CRI 90+ natural colour rendering
- protection rating: IP20, interior use only
- requires an appropriate switch or controller for setting more complex effects
- e.g. sequential wave activation, back-and-forth pulsing, etc.
- 12 independently controllable segments per 1 metre

Trimming every 82.3 mm



WARRANTY

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YEARS

code	light colour	temperature	luminous intensity	LED/m	width	input power/m
544564	neutral white	±4000 K	1100 lm/m	320	10 mm	5 W

Accessories

code	description
543631	1 m connecting cable with Mini connector
546609	touch switch with dimming and speed control option
544562	remote control with option of various dynamic effects





StrongLumio S3 | 24 V SMD strips

SMD (=surface mounted diode) LED strips

These represent a proven and still widely used technology in which individual LED chips are housed in separate casings mounted directly on a printed circuit board. The individual diodes allow them to achieve high light efficiency and generally a favourable price point. They are ideal where a continuous light effect is not required, but where the emphasis is instead on performance, flexibility, and a cost-effective solution.

Advantages

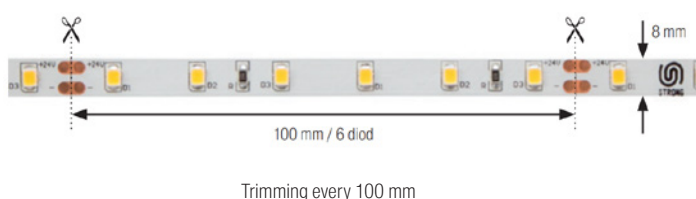
High light efficiency and a wide range of power variants.
Simpler construction and greater resistance to mechanical damage.

Disadvantages

Visible individual LED points – less homogeneous light.
For a uniform effect, they require a greater distance from the illuminated surface or a deeper profile.

24 V, 6 W, 60 LED/m, 8 mm

- CRI 80+ balanced colour rendering for general use
- protection rating: IP20, interior use only
- suitable for decorative and subtle lighting
- ideal in a deeper profile or as indirect light



code	light colour	temperature	luminous intensity	LED/m	width	input power/m
284554	warm white	±3000 K	600 lm/m	60	8 mm	6 W
284555	neutral white	±4000 K	800 lm/m	60	8 mm	6 W
284556	cold white	±6500 K	800 lm/m	60	8 mm	6 W

Recommended connectors:

507813 StrongLumio universal connector LED strip/twin cable 8 mm
507815 StrongLumio corner connector LED strips 2 pins 8 mm



24 V, 12 W, 120 LED/m, 8 mm

- CRI 80+ balanced colour rendering for general use
- protection rating: IP20, interior use only
- primary and decorative interior lighting
- ideal in a deeper profile or as indirect light



code	light colour	temperature	luminous intensity	LED/m	width	input power/m
284560	warm white	±3000 K	1200 lm/m	120	8 mm	12 W
284561	neutral white	±4000 K	1200 lm/m	120	8 mm	12 W
284562	cold white	±6500 K	1200 lm/m	120	8 mm	12 W

Recommended connectors:

507813 StrongLumio universal connector LED strip/twin cable 8 mm
507815 StrongLumio corner connector LED strips 2 pins 8 mm



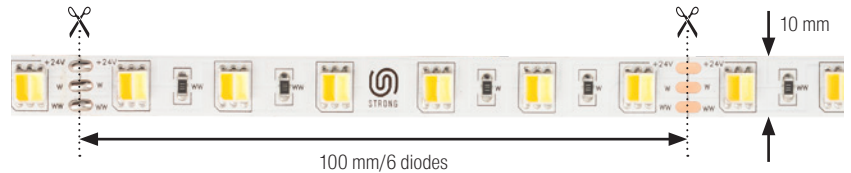
StrongLumio S5 | colour SMD strips 24 V



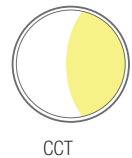
CCT 24 V, 7 + 7 W, 60 LED/m, 10 mm

- CRI 90+ natural colour rendering
- protection rating: IP20, interior use only
- **allows independent regulation of white colour temperature**
- particularly suitable for spaces with varying requirements throughout the day, e.g. living rooms during the day and in the evening
- 3 conductors, corresponding connectors and three-core cable must be used
- requires the use of an appropriate control unit and controller

WARRANTY
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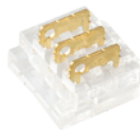


code	description	temperature	luminous intensity	LED/m	width	input power/m
405176	from warm white to cold white	2800 - 6500 K	1200 lm/m	60	10 mm	7 W



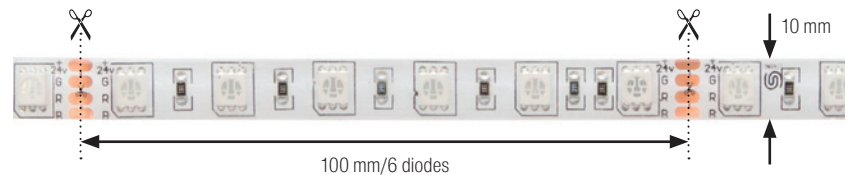
24V DC [h] 30000 Type of diode: **5050**

Recommended connectors:
543623 StrongLumio connector CCT LED strip – cable 10 mm
543624 StrongLumio connector CCT LED strip – strip 10 mm



Input power: 14.4 W/m RGB

- protection rating: IP20, interior use only
- **RGB LED strips combine 3 colour components and thus allow lighting regulation in any shade**
- particularly suitable for decorative lighting of interiors, furniture, and suspended ceilings
- not suitable for standard white lighting, which places greater strain on the strip and does not appear natural
- power consumption of 14.4 W corresponds to full intensity of all 3 colours = when set to 'white'
- 4 conductors, corresponding connectors and four-core cable must be used
- requires the use of an appropriate control unit and controller



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code	description
284602	RGB strip 60 LED/m



24V DC Type of diode: **5050**

Recommended connectors:
543625 StrongLumio connector RGB LED strip – cable 10 mm
543626 StrongLumio connector RGB LED strip – strip 10 mm





StrongLumio S5 | colour SMD strips 24 V

RGBW 24 V, 14.4 W, 60 LED/m, 12 mm

- protection rating: IP20, interior use only
- **allows colour regulation and full-quality white light**
- RGBW strips have an additional segment with full-quality white light in each diode compared to RGB strips.
- as a result, colours are true to life, however the light output is not particularly high
- particularly suitable for spaces with varying requirements for atmospheric and functional lighting
- power consumption of 14.4 W corresponds to full intensity of all colours
- 5 conductors, corresponding connectors and five-core cable must be used
- requires the use of an appropriate control unit and controller

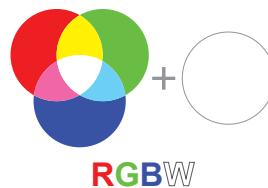


Trimming every 100 mm / 6 diodes

WARRANTY

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YEARS

code	description
472113	RGB + neutral white (4000 K)



24V
DC

Type of diode:
5050

Recommended connectors:

- 543627 StrongLumio RGBW LED strip – cable connector 12 mm
- 543628 StrongLumio RGBW LED strip – strip connector 12 mm



RGBCCT 24 V, 14.4 W, 60 LED/m, 12 mm

- protection rating: IP20, interior use only
- **RGBCCT LED strips combine 3 colour components plus warm and cool white**
- particularly suitable for multifunctional interiors and spaces with varying requirements depending on purpose or mood
- as a result, colours are true to life, however the light output is not particularly high
- power consumption of 14.4 W corresponds to full intensity of all colours
- 6 connectors, corresponding connectors and six-core cable must be used
- requires the use of an appropriate control unit and controller

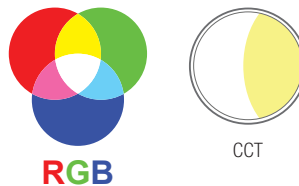


Trimming every 100 mm / 6 diodes

WARRANTY

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YEARS

code	description
472112	RGBCCT (2400-6500 K)



24V
DC

Type of diode:
5050

Recommended connectors:

- 543629 StrongLumio RGBCCT LED strip – cable connector 12 mm
- 543630 StrongLumio RGBCCT LED strip – strip connector 12 mm



StrongLumio S5 | white 24 V SMD strips with high luminous intensity

24 V, 12 W, 160 LED/m, 8 mm

- CRI 80+ balanced colour rendering for general use
- protection rating: IP20, interior use only
- 2835 diodes in segments of 8 LEDs for better energy utilisation
- the intentionally lower CRI delivers even better luminous flux
- **segments of 8 LEDs minimise losses and allow exceptional light efficiency to be achieved (up to 190 lm/W)**
- 3 oz copper joints for better heat dissipation and longer service life
- suitable for applications with emphasis on maximum brightness and energy efficiency

WARRANTY
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YEARS



160 LED/m: trimming every 50 mm / 8 diodes

24 V, 20 W, 240 LED/m, 10 mm

- CRI 80+ balanced colour rendering for general use
- protection rating: IP20, interior use only
- 2835 diodes in segments of 8 LEDs for better energy utilisation
- the intentionally lower CRI delivers even better luminous flux.
- **segments of 8 LEDs minimise losses and allow exceptional light efficiency to be achieved (up to 190 lm/W)**
- 3 oz copper joints for better heat dissipation and longer service life
- suitable for applications with emphasis on maximum brightness and energy efficiency

WARRANTY
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YEARS



240 LED/m: trimming every 33.3 mm / 8 diodes

code	light colour	temperature	luminous intensity	LED/m	width	input power/m	Universal connector	Corner connector
544598	warm white	±3000 K	2100 lm/m	160	8 mm	12 W	507813	507815
544701	neutral white	±4000 K	2280 lm/m	160	8 mm	12 W	507813	507815
544702	cold white	±6500 K	2180 lm/m	160	8 mm	12 W	507813	507815
544704	neutral white	±4000 K	3700 lm/m	240	10 mm	20 W	507814	507816

Neons 24 V

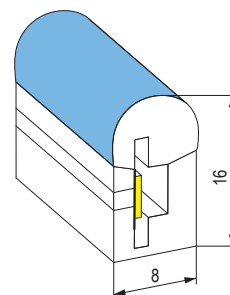
- manufactured by co-extrusion of LED strip and silicone
- greater durability than when a strip is subsequently inserted into an empty profile
- manufactured from gas-phase silicone – a high-purity material
- resistant to yellowing, ageing, and weathering
- **adequate heat dissipation, possible to install directly into a prepared groove**
- pleasant matt surface without reflections
- waterproof IP67 after proper sealing of end caps
- suitable for damp environments as well as for direct installation into furniture
- **horizontal bending – sideways when light is directed upwards**



8×16 mm silicone profile without LED strip

- **empty profile – rounded shape**
- pre-installed pull cord for threading your own LED strip through
- suitable for strips with a power output of up to 10 W/m due to heat dissipation
- suitable for strips up to 10 mm in width, however for diodes smaller than 5050
- RGB LED strips can also be used, however their white light may result in overheating and damage
- use of COB strip is recommended for straight or only slightly curved installations

code	description
406053	silicone profile without LED strip
406054	end cap without hole
406055	end cap with hole
535091	aluminium clip for surface mounting



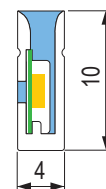
StrongLumio S5 | 24 V neons

4×10 mm 24 V, 9.6 W 168 LED/m

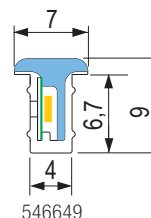
- inside: 6 mm strip with 2835 diodes
- supplied in rolls of 5 m with a feed cable and Mini connector
- can be ordered in any length, however it may be necessary to solder your own cable
- 'T' shape with overhang for recessed installation – edges overlap groove irregularities and ensure a clean installation appearance
- CRI 90+ natural colour rendering



Trimming every 41.67 mm



546648



546649

code	light colour	temperature	luminous intensity	
546648	warm white	±3000 K	250 lm/m	
546649	warm white	±3000 K	250 lm/m	Shape "T"

Accessories

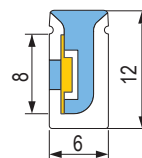
code	description
405477	end cap without hole
405478	end cap with hole
546652	T end cap without hole
546651	T end cap with hole
406056	Aluminium clip for surface mounting

6×12 mm 24 V, 9.6 W 168 LED/m

- 6×12 mm 24 V, 9.6 W 168 LED/m
- inside: 8 mm strip with 1515 diodes
- integrated plastic reinforcement for greater durability
- supplied in rolls of 30 m without cable
- can be ordered in any length and powered, or use a cable with quick connector 546627
- CRI 90+ natural colour rendering



Trimming every 41.67 mm



code	light colour	temperature	luminous intensity	
546625	warm white	±3000 K	250 lm/m	
546626	neutral white	±4000 K	280 lm/m	

Accessories: for 6×12 mm

code	description
546628	end cap without hole
546637	aluminium clip for surface mounting
546627	connecting cable with connector, Mini connector



Principles for selection and installation



Power supply power (W) = x+ 20% (30%)

x = LED strip length (m) × LED strip input power (W/m)

Example: using a strip of 14.4 W/m and an installed strip length of 2.5 m, the strip power is 36 W + 20% reserve (7.2 W) = 43.2 W. You will therefore need a power supply with a minimum power of 44 W.

Warning

It is not possible to combine 12 V LED strips with a 24 V transformer and vice versa. The power supply must always have sufficient reserve for the respective LED strip set.

During normal use, the reserve should be 20%, if used for more than 5 hours, we recommend increasing the reserve to 30% or more. Offered power supply have protection to prevent damage, the transformer switches off at overloading and after reducing the load and cooling, the power supply is functional again. However, overloading has a negative impact on the overall service life.

The power supply should be installed in such a way that it can be accessed at any time for replacement and is well ventilated. Installation in small, unventilated space reduces its service life.

Please note that the supply voltage must comply with ČSN EN 60038, **damage due to over-voltage in the electrical network is not a reason for placing a complaint.**

Claims are resolved by replacing the faulty power supply. Additional costs associated with replacing the connection are not recognised.

StrongLumio S1 24 V power supplies plug-in

- for power supply of LED strips and lights with 24 V voltage, direct current
- power supply: 220–240 V, 50 Hz
- black adapter for direct plug-in connection
- overvoltage and short-circuit protection



WARRANTY
3
YEARS

code	power	L × W × H (mm)	PF
544899	24 W	63 × 42 × 37,5	>0,7
544901	36 W	82 × 48 × 33	>0,9



- round connector on output, the 150 W variant is terminated with two free conductors without end connector
- in order to achieve optimal function, it is recommended to have the power supply as close to the light source as possible (Longer cables cause voltage losses and a subsequent drop in luminous intensity. They may also have disturbing influence on nearby electrical appliances.)
- input power of the power supply must be higher than the input power of the lights, recommended reserve: 20%, for continuous lighting the reserve should be increased to 30%
- power supply should have a minimum distance of 0.5 m from other electrical appliances
- place in such a way that sufficient ventilation – heat dissipation – is provided
- cable length: 1 m
- CE certificate

StrongLumio S3 flat 24 V power supplies

- for power supply of LED strips and lights with 24 V voltage, direct current
- power supply: 220–240 V, 50 Hz
- PF > 0.9
- overload, overvoltage, and short-circuit protection



WARRANTY
5
YEARS

code	power	L × W × H (mm)
544907	30 W / 1,25 A	160 × 58 × 18
544902	50 W / 2,08 A	160 × 53 × 18
405188	75 W / 3,125 A	170 × 57 × 32
284624	100 W / 4,16 A	180 × 66 × 32
544906	150 W / 6,25 A	205 × 71 × 35



- round connector on output, the 150 W variant is terminated with two free conductors without end connector
- in order to achieve optimal function, it is recommended to have the power supply as close to the light source as possible (Longer cables cause voltage losses and a subsequent drop in luminous intensity. They may also have disturbing influence on nearby electrical appliances.)
- input power of the power supply must be higher than the input power of the lights, recommended reserve: 20%, for continuous lighting the reserve should be increased to 30%
- power supply should have a minimum distance of 0.5 m from other electrical appliances
- place in such a way that sufficient ventilation – heat dissipation – is provided
- cable length 2 × 1 m
- CE certificate
- covered terminal box for possible connection of other cables (must be carried out by an authorised person)

StrongLumio 3PIN power supplies with 24 V mini connectors

- with Mini connectors on the output and one 3PIN connector for common switch
- related switches see p. 06.33
- PF>0,9
- overload, overvoltage, and short-circuit protection

WARRANTY



code	power	dimensions	number of Mini connectors
484188	24 V - 36 W power supply	145 × 53 × 18 mm	(6× Mini connector + 1× 3PIN connector)
542931	24 V - 60 W power supply	185 × 53 × 18 mm	(7× Mini connector + 1× 3PIN connector)
484190	24 V - 100 W power supply	265 × 65 × 19 mm	(8× Mini connector + 1× 3PIN connector)



06

MEAN WELL

Branded resources,
high power

- 24 V MEAN WELL LED power supplies with high power (option up to 320 W available) and top quality



The power supplies are fitted with only the highest quality components to ensure years of trouble-free operation.

- dustproof and waterproof construction of the power supply
- Mean Well reliability and quality guarantee - 5 years warranty

Cables without end connectors on both sides - installation must be carried out by a qualified person in accordance with applicable regulations. The encapsulated housing of the power supply protects the components from moisture or liquid ingress. The body of the power supply is equipped with two fixing brackets for easy attachment to the substrate.



code	designation	power	cover material
304019	LPH-18-24	18 W	plastic
317494	LPV-35-24	35 W	plastic
317495	LPV-60-24	60 W	plastic
392297	LPV-100-24	100 W	plastic
482670	XLG-150-24-A	150 W	metal
482683	XLG-200-24-A	200 W	metal
482686	XLG-320-24-A	320 W	metal

StrongLumio S3 | white 12 V COB strips



12 V, 5 W/m, 320 LED/m, 8 mm

- CRI 90+ natural colour rendering
- protection rating: IP20, interior use only
- white phosphor edges ensure even better light diffusion
- uniform illumination even at low brightness or when dimming

- particularly suitable for decorative and subtle lighting
- low energy consumption, but also limited luminous intensity



trimming every 25 mm

WARRANTY

3
YEARS

Recommended connectors:

- 507813 universal
- 507815 corner



code	light colour	temperature	luminous intensity	LED/m	width	input power/m
544534	warm white	±3000 K	400 lm/m	320	8 mm	5 W
544535	neutral white	±4000 K	450 lm/m	320	8 mm	5 W
544536	cold white	±6500 K	450 lm/m	320	8 mm	5 W

12 V, 10 W/m, 480 LED/m, 8 mm

- CRI 90+ natural colour rendering
- protection rating: IP20, interior use only

- primary and decorative interior lighting
- suitable for standard direct lighting and more demanding decorative applications



trimming every 25 mm

WARRANTY

3
YEARS

Recommended connectors:

- 507813 universal
- 507815 corner



code	light colour	temperature	luminous intensity	LED/m	width	input power/m
509065	warm white	±3000 K	900 lm/m	480	8 mm	10 W
509066	neutral white	±4000 K	1000 lm/m	480	8 mm	10 W
509067	cold white	±6500 K	1000 lm/m	480	8 mm	10 W

12 V, 12 W, 528 LED/m, 8 mm free cut S5

- CRI 90+ natural colour rendering
- protection rating: IP20, interior use only
- **can be trimmed at any point along the entire length of the strip**
- suitable for custom installation especially in situations where precise termination is important
- tinned edges help prevent oxidation and ensure more reliable contact
- lower light efficiency in exchange for maximum flexibility



free-cut

WARRANTY

3
YEARS

Recommended connectors:

- 507813 universal
- 507815 corner



code	light colour	temperature	luminous intensity	LED/m	width	input power/m
544594	warm white	±3000 K	670 lm/m	480	8 mm	12 W
544595	neutral white	±4000 K	740 lm/m	480	8 mm	12 W
544596	cold white	±6500 K	720 lm/m	480	8 mm	12 W



StrongLumio S1 | white 12 V SMD strips

12 V, 60 LED/m, 8 mm

Maximum length of continuous strip: 5 m (due to luminosity drop)
CRI 80+ balanced colour rendering for general use.

Input power 4.8 W:

- protection rating: IP20, interior use only
- particularly suitable for decorative and subtle lighting
- low energy consumption, but also limited luminous intensity

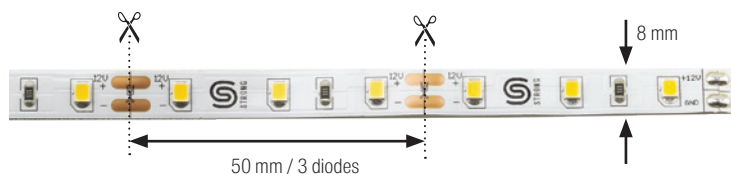
12 W:

- primary and decorative interior lighting
- suitable for standard direct lighting and more demanding decorative applications
- protection rating: IP20, interior use only

code	light colour	temperature	luminous intensity	LED/m	width	input power/m
132251	warm white	±3000 K	475 lm/m	60	8 mm	4,8 W
249934	neutral white	±4000 K	475 lm/m	60	8 mm	4,8 W
131573	cold white	±6500 K	500 lm/m	60	8 mm	4,8 W
231394	warm white	±3000 K	1240 lm/m	60	8 mm	12 W
250030	neutral white	±4000 K	1270 lm/m	60	8 mm	12 W
231388	cold white	±6500 K	1300 lm/m	60	8 mm	12 W

Recommended connectors:

- 507813 universal
- 507815 corner



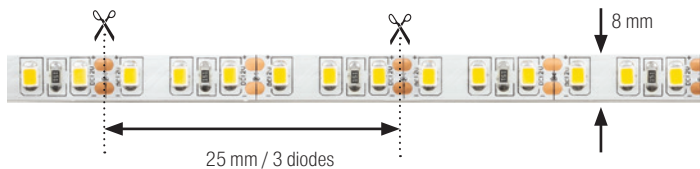
12 V, 9.6 W, 120 LED/m, 8 mm

- particularly suitable for decorative lighting
- 120 LED/m when used in a deeper profile delivers a light effect close to a continuous line
- protection rating: IP20, interior use only

code	light colour	temperature	luminous intensity	LED/m	width	input power/m
231392	warm white	±3000 K	915 lm/m	120	8 mm	9,6 W
250029	neutral white	±4000 K	970 lm/m	120	8 mm	9,6 W
231387	cold white	±6500 K	970 lm/m	120	8 mm	9,6 W

Recommended connectors:

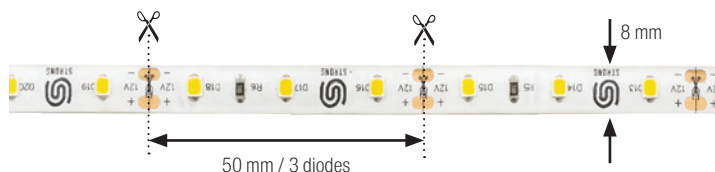
- 507813 universal
- 507815 corner



12 V, 12 W, 60 LED/m, 8 mm, IP65

- version with IP65 protection rating = suitable for damp environments
- we recommend for shorter-duration lighting due to poorer heat dissipation; installation directly onto glass for example may cause overheating

code	light colour	temperature	luminous intensity	LED/m	width	input power/m
231401	warm white	±3000 K	1000 lm/m	60	8 mm	12 W
231396	neutral white	±4000 K	1050 lm/m	60	8 mm	12 W



For LED strips with IP65 protection and a waterproofing requirement, we recommend connecting the cable by soldering and sealing the joint. A quick connector does not guarantee the preservation of waterproofing and if exposed could lead to oxidation of the joint.

Principles for selection and installation



Power supply power (W) = x+ 20% (30%)

$$x = \text{LED strip length (m)} \times \text{LED strip input power (W/m)}$$

Example: using a strip of 14.4 W/m and an installed strip length of 2.5 m, the strip power is 36 W + 20% reserve (7.2 W) = 43.2 W. You will therefore need a power supply with a minimum power of 44 W.

Warning

It is not possible to combine 12 V LED strips with a 24 V transformer and vice versa.
The power supply must always have sufficient reserve for the respective LED strip set.
During normal use, the reserve should be 20%, if used for more than 5 hours, we recommend increasing the reserve to 30% or more. Offered power supply have protection to prevent damage, the transformer switches off at overloading and after reducing the load and cooling, the power supply is functional again. However, overloading has a negative impact on the overall service life.

The power supply should be installed in such a way that it can be accessed at any time for replacement and is well ventilated. Installation in small, unventilated space reduces its service life. Please note that the supply voltage must comply with ČSN EN 60038, **damage due to over-voltage in the electrical network is not a reason for placing a complaint.**

Claims are resolved by replacing the faulty power supply. Additional costs associated with replacing the connection are not recognised.

StrongLumio S1 12 V power supplies plug-in

- for power supply of LED strips and lights with 12V voltage, direct current
- power supply: 220–240 V, 50 Hz
- black adapter for direct plug-in connection
- overvoltage and short-circuit protection

WARRANTY
3
YEARS



code	power	L × W × H (mm)	PF
544898	24 W	63 × 42 × 37,5	>0,7
544900	36 W	82 × 48 × 33	>0,9



- round connector on output
- in order to achieve optimal function, it is recommended to have the power supply as close to the light source as possible (Longer cables cause voltage losses and a subsequent drop in luminous intensity. They may also have disturbing influence on nearby electrical appliances.)
- power supply should have a minimum distance of 0.5 m from other electrical appliances
- power supplies must be located in such a way that sufficient ventilation – heat dissipation, if located in a closed room, sufficient ventilation (ventilation holes) must be provided
- cable length 1 m

StrongLumio S3 flat 12 V power supplies

- for power supply of LED strips and lights with 12V voltage, direct current, grey edges (12 V)
- power supply: 220–240 V, 50 Hz
- PF > 0.9
- overload, overvoltage, and short-circuit protection

WARRANTY
5
YEARS



code	power	L × D × H (mm)
405183	15 W / 1,25 A	160 × 30 × 16
405184	30 W / 2,5 A	160 × 58 × 18
544903	50 W / 4,16 A	160 × 58 × 18
405186	75 W / 6,25 A	170 × 57 × 32
405187	100 W / 8,33 A	180 × 66 × 32
544904	150 W / 12,5 A	205 × 71 × 35



- round connector on output
- in order to achieve optimal function, it is recommended to have the power supply as close to the light source as possible (Longer cables cause voltage losses and a subsequent drop in luminous intensity. They may also have disturbing influence on nearby electrical appliances.)
- power supply should have a minimum distance of 0.5 m from other electrical appliances
- power supplies must be located in such a way that sufficient ventilation – heat dissipation, if located in a closed room, sufficient ventilation (ventilation holes) must be provided
- cable length 2 × 1 m

12 V power supplies

StrongLumio 3PIN power supplies with 12 V mini connectors

- with Mini connectors on the output and one 3PIN connector for common switch
- related switches see p. 06.33
- PF>0,9
- overload, overvoltage, and short-circuit protection


WARRANTY

3
YEARS

code	power	dimensions	number of Mini connectors
542930	12 V – 36 W power supply	145 × 53 × 18 mm	(6× Mini connector + 1× 3PIN connector)
484186	12 V – 60 W power supply	185 × 53 × 18 mm	(7× Mini connector + 1× 3PIN connector)
484187	12 V – 100 W power supply	265 × 65 × 19 mm	(8× Mini connector + 1× 3PIN connector)



MEAN WELL

Branded resources,
high power

- 12 V MEAN WELL LED power supplies with high power (option up to 264 W available) and top quality



The power supplies are fitted with only the highest quality components to ensure years of trouble-free operation.

Cables without end connectors on both sides – installation must be carried out by a qualified person in accordance with applicable regulations. The encapsulated housing of the power supply protects the components from moisture or liquid ingress. The body of the power supply is equipped with two fixing brackets for easy attachment to the substrate.

- dustproof and waterproof construction of the power supply
- Mean Well reliability and quality guarantee – 5 years warranty



code	designation	power	cover material
231587	LPH-18-12	18 W	plastic
231591	LPV-35-12	35 W	plastic
231592	LPV-60-12	60 W	plastic
509799	LPV-100-12	100 W	plastic
482663	XLG-150-12-A	150 W	metal
482682	XLG-200-12-A	200 W	metal
482684	HLG-320H-12-A	264 W	metal

spotlights

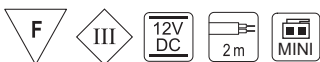
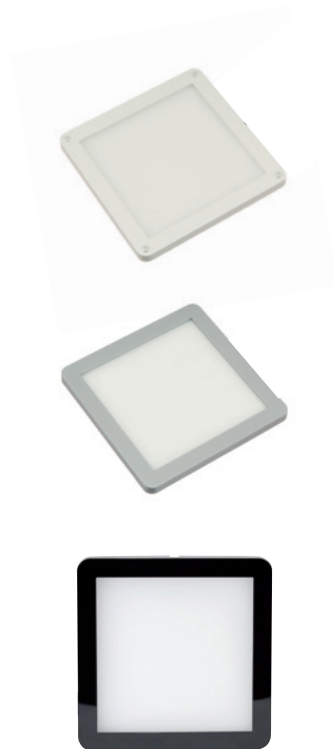
Cirat

- spotlight with LED diodes with high-intensity light
- individual points are not visible
- very low profile, elegant design
- simple installation, low energy consumption

Tips for use:


- kitchens
- living rooms
- wardrobes

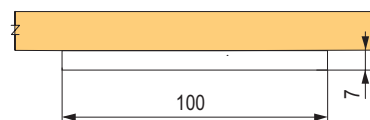
body colour	light colour warm white	luminous flux (lm)	light colour cold white	luminous flux (lm)	light colour neutral white	luminous flux (lm)	input power (W)
white	356615	180	356617	180	356616	180	3
aluminium	356620	180	356618	180	356619	180	3
black	405282	180	405284	180	405283	180	3



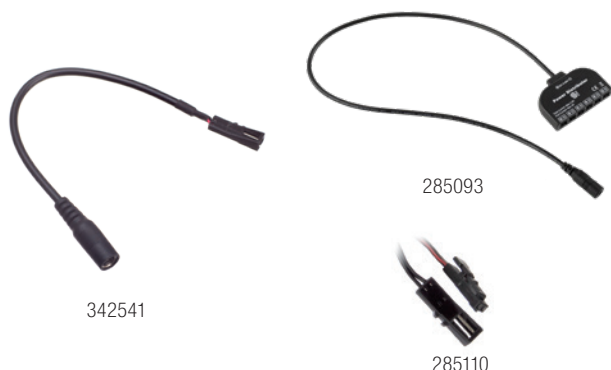
Technical parameters

voltage: 12 V
 dimensions: 100 × 100 × 7 mm
 connector type: Mini
 cable length: 2 m


 TIP: ideal in combination with 3PIN power supplies, p. 06.33

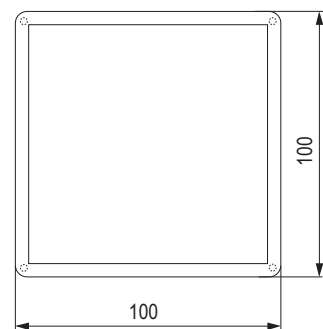


Accessories




code	description
342541	connecting cable directly to the transformer (suitable for 1 light)
285093	Mini distributor for up to 6 outlets ¹⁾
285110	Mini extension cable, 1.8 m

¹⁾ OR – choose a power supply with Mini connectors and 3PIN input and you don't need a distributor



Recommended power supplies

 Recommended power supplies see p. 06.19–06.20

spotlights

Bailen

- spotlight with LED diodes with high-intensity light
- individual points are not visible
- very low profile, elegant design
- simple installation, low energy consumption
- possibility of milling-in / surface mounting



Tips for use:


- kitchens
- living rooms
- wardrobes

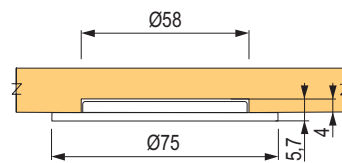
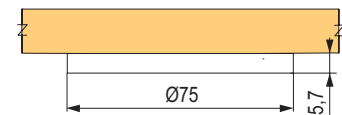
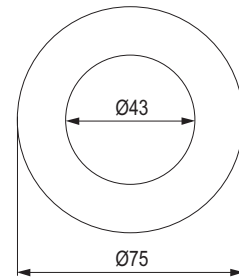
body colour	light colour warm white	luminous flux (lm)	light colour cold white	luminous flux (lm)	light colour neutral white	luminous flux (lm)	input power (W)
white	358290	100	358293	100	358291	100	3
brushed steel	358289	100	358287	100	358288	100	3
black	405285	100	405287	100	405286	100	3



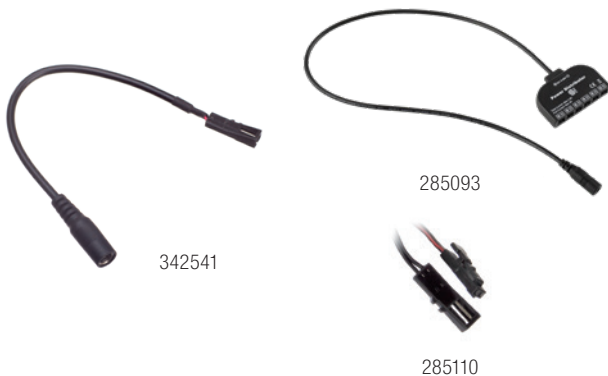
Technical parameters

voltage: 12 V
 dimensions: \varnothing 75 mm \times 5.7 mm
 connector type: Mini
 cable length: 2 m


 TIP: ideal in combination with 3PIN power supplies, p. 06.33




Accessories



code	description
342541	connecting cable directly to the transformer (suitable for 1 light)
285093	Mini distributor for up to 6 outlets ¹⁾
285110	Mini extension cable, 1.8 m

¹⁾ OR – choose a power supply with Mini connectors and 3PIN input and you don't need a distributor

Recommended power supplies

 Recommended power supplies see p. 06.19–06.20

LED lights



LED light with motion sensor

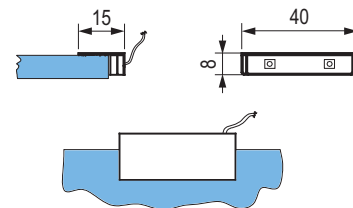
- magnetic clip
- PIR sensor with 120° detection angle and 3 m range
- buttons for manual control
- 5 brightness levels and 3 light temperature levels (CCT)
- built-in battery for charging via USB C cable
- **digital battery status indicator**
- Light source: 96 LED diodes
- Power output: 5 W, 430 lm
- Battery capacity: 2 500 mAh
- CCT range: 3000 K - 4500 K - 6000 K
- Dimensions: 300 × 33 × 20 mm

code	colour
	black
546599	white
546600	



Shelf lighting

- clip designed for lighting glass shelves has a self-adhesive sticker for attachment
- simple installation; when installing the set, a total of 4 clips can be attached to a power supply
- the light strikes the brushed edge of the light and scatters; several clips can be used for one shelf according to shelf length and required intensity of lighting
- this set contains a power supply into socket, cable with a switch, distributor with 4 outlets at the end



code	description	power
SAL091	separate	0,25 W
SAL111	set of 2 pcs lights + power supply 6 W	2× 0,25 W



- cable length for clip is 1.5 m

Bathroom LED light, round profile

- designer light in IP44 design, suitable for bathrooms
- built-in power supply, non-dimmable



- input voltage: 230 V ~ 50 Hz
- metal + PC cover
- colour: black
- light colour: neutral white (4 000 K)

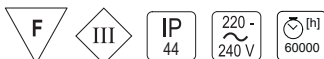
Dimensions: 600 × 200 × 58 mm

Power output: 11 W, 750 lm

- CRI 80+ balanced colour rendering for general use

code	colour
546595	black

! Caution: devices for 230 V intended for fixed installation. Installation must be carried out by a qualified person in accordance with applicable regulations.



Bathroom LED light, rectangular profile

- designer light in IP44 design, suitable for bathrooms
- 3-in-1 assembly: clip-on to glass, to cabinet, to wall**
- built-in power supply, non-dimmable



- input voltage: 230 V ~ 50 Hz
- aluminium + ABS plastic + PMMA cover
- colour: chrome
- light colour: neutral white (4 000 K)

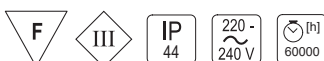
Dimensions: 600 × 128 × 51 mm

Power output: 12 W, 840 lm

- CRI 80+ balanced colour rendering for general use

code	colour
546594	chrome

! Caution: devices for 230 V intended for fixed installation. Installation must be carried out by a qualified person in accordance with applicable regulations.



Interior LED light, minimalist profile

- decorative light with IP20 rating, suitable for dry environments
- built-in power supply, non-dimmable



- Input voltage: 230 V ~ 50 Hz
- metal + PC cover
- colour: black
- light colour: neutral white (4 000 K)

Dimensions: 300/600 × 150 × 85 mm

- CRI 80+ balanced colour rendering for general use

code	colour	width	power	luminous intensity
546597	black	300 mm	7 W	560 lm
546598	black	600 mm	12 W	960 lm

! Caution: devices for 230 V intended for fixed installation. Installation must be carried out by a qualified person in accordance with applicable regulations.



Self-powered kinetic switches



Kinetic switches require no power supply or batteries for correct operation.

Particularly suitable for interior renovations as well as for easy installation of new fittings. It draws the energy needed to send wireless commands to the unit (on/off/mute) from pressing the switch, similar to a piezoelectric lighter. Can be used to control 12/24 V or 230 V lighting systems – only the control unit differs.

The switches are compatible with all receivers and can also be combined with each other, as well as with receivers for 12/24 V and 230 V simultaneously. Signal range up to 20 m (through obstacles) or 100 m in open space.

Round switches for adhesive mounting or milling in

- Decorative single-button switches for furniture.
- The milling-in version is fitted with a housing for surface mounting.



code	type	colour	diameter
535065	surface-mount	white	60 mm
535066	surface-mount	black	60 mm
546642	for milling in	white	35 mm/40 mm
546647	for milling in	black	35 mm/40 mm

Door switches

- 1 button, up to 10 switches can be paired with one receiver.
- **When the first door opens, the light turns on; when the last door closes, it turns off.**
- **Also allows pairing in reverse mode - activation upon door closing.**
- Cannot dim, but intensity can be regulated by another switch paired with the same unit (if the unit supports this).
- Force required to compress the piston approx. 5 N. Position near the pivot axis of the door (approx. 5 cm).



code	colour
535063	white
535064	black

Square wall switches

- Degree of protection IP67 – suitable for damp environments and outdoor use.
- Dimensions 86 × 86 mm – can be installed on an existing electrical back box.
- **Multi-button variants allow control of several independent zones from one location.**
- A separate unit must be installed for each zone.
- 4 colours, 1–3 buttons.



code	buttons	colour
467125	1	white
467126	2	white
467127	3	white
491230	1	black
491231	2	black
491232	3	black
467129	1	silver
467131	2	silver
467132	3	silver
467128	1	gold
467130	2	gold



Strong Lumio S5 | Self-powered kinetic switches



Overview of control units

The choice of receiver is important with regard to the intended use. Most models are designed for single-colour lighting. All are compatible with all switches and allow use in various combinations. Some models

additionally allow control via the Tuya mobile app over wifi. Simple pairing with switches using a single button.

code	description	voltage	dimming	example of use	Wifi - Tuya
535062	12/24 V unit with connectors	12/24 V	yes	LED strips in multiple branches*	no
546639	3PIN	12/24 V	yes	exclusively with 3PIN power supplies (p. 6.12)	no
546641	2PIN CCT	12/24 V	yes	2PIN CCT LED strips	no
467133	12/24 V unit with terminal boxes	12/24 V	yes	LED strips – larger assemblies	yes
469139	230 V unit with terminal boxes	230 V	yes	dimmable light sources – LED bulbs	yes
535067	230 V switching relay	230 V	no	power supply switching	no

12/24 V receiver with connectors

Simple wiring thanks to connectors

round 5.5 mm DC connector on input – directly into power supply
6 Mini connectors on output, all controlled simultaneously
max current 3 A – designed for lighter assemblies



code	description
535062	receiver/distributor with Mini connectors 12/24 V

3PIN receiver

Compact control unit with 3PIN connector.

Used to control single-colour LED strips exclusively in conjunction with a 3PIN power supply (p. 6.33).

LED strips are connected via Mini connectors to the power supply. Maximum switched lighting power is determined by the selected power supply.



code	description
546639	receiver for wireless self-powered switches 12/24 V 3PIN

Receiver for 2PIN CCT strips

Control unit for two-wire CCT strips – allows regulation of white colour temperature.

Requires at least a 2-button switch for brightness and temperature regulation.

When a single-colour strip or single-button switch is connected, functions as a standard dimmer.

Snap-in terminal block, max 2x3 A.

52 x 52 x 23 mm

recommended LED strip 544705

code	description
546641	receiver for 2PIN CCT strips 12/24 V



Dimmer units with terminal blocks

dimming option also for 230 V

wifi module – supports Tuya app



code	description
467133	12/24 V, max 9 A
469139	230 V – suitable for dimmable LED bulbs, not designed for power supply switching

230 V switching relay

Dimensions 44 x 44 x 22 mm – suitable for installation in an electrical back box.

Maximum load 500 W LED; 1 100 W other devices.

In addition to kinetic switches, can also be combined with a standard wired wall switch.

Does not support dimming.

Suitable for example for switching a power supply or a luminaire with a built-in transformer.



code	description
535067	switching relay for 230 V

Caution: 230 V units are intended for fixed installation. Installation must be carried out by a qualified person in accordance with applicable regulations.

Strong Lumio S5 | Smart LED lighting control



24 V All in One unit

Thanks to this unique device on the market, which combines everything needed to connect LED lighting, lighting installation becomes a simple and convenient matter.

StrongLumio All in One, as the name suggests, is an all-in-one device.

It hides within itself:

- 50 or 100 W power supply for powering LED lighting,
- receiver of the signal from the remote control,
- a Wi-Fi unit to pair the All in One HUB with the TUYA app
- HUB for connecting up to 4 branches of LED lights.

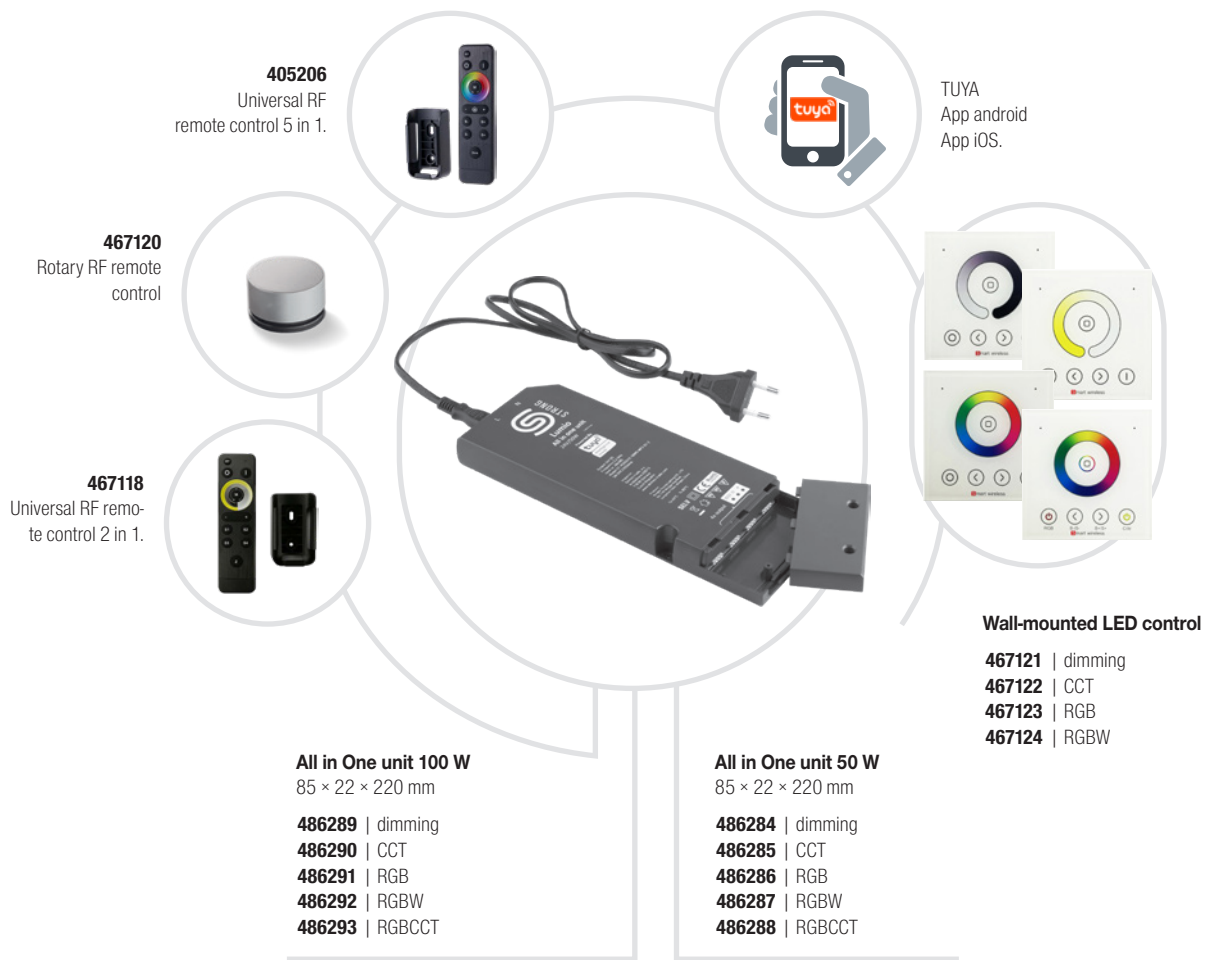
The product is available in single colour, CCT, RGB, RGBW, or RGB CCT LED strips options.

Simply plug into the socket using the included cable and connect the LED strip from the other side. After these two steps, the LED lights are ready to use and it is up to you to choose whether you want to use one of our remote controls, the TUYA Smart app for mobile phones and tablets, or both at the same time.

Each package includes a 2 m long connecting cable to the appropriate type of LED strips. For dimming, CCT and RGB options, two cables are included: 1× for classic SMD strip and 1× for COB strip.

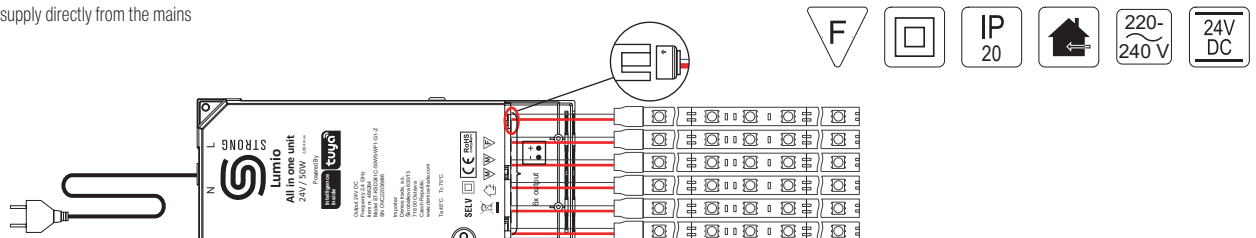
Connecting cables to the All in one unit according to the colour of the strips used:

- 487570** | single-colour LEDs
- 487571** | CCT
- 487572** | RGB
- 487573** | RGBW
- 487574** | RGB CCT
- 487575** | single-colour LED COB
- 487576** | CCT COB
- 487577** | RGB COB



Connection diagram on the example of single-colour LEDs

- power supply directly from the mains





Strong Lumio S5 | Smart LED lighting control

12/24 V control unit

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

Smart lighting allows you to control the lights in your home.

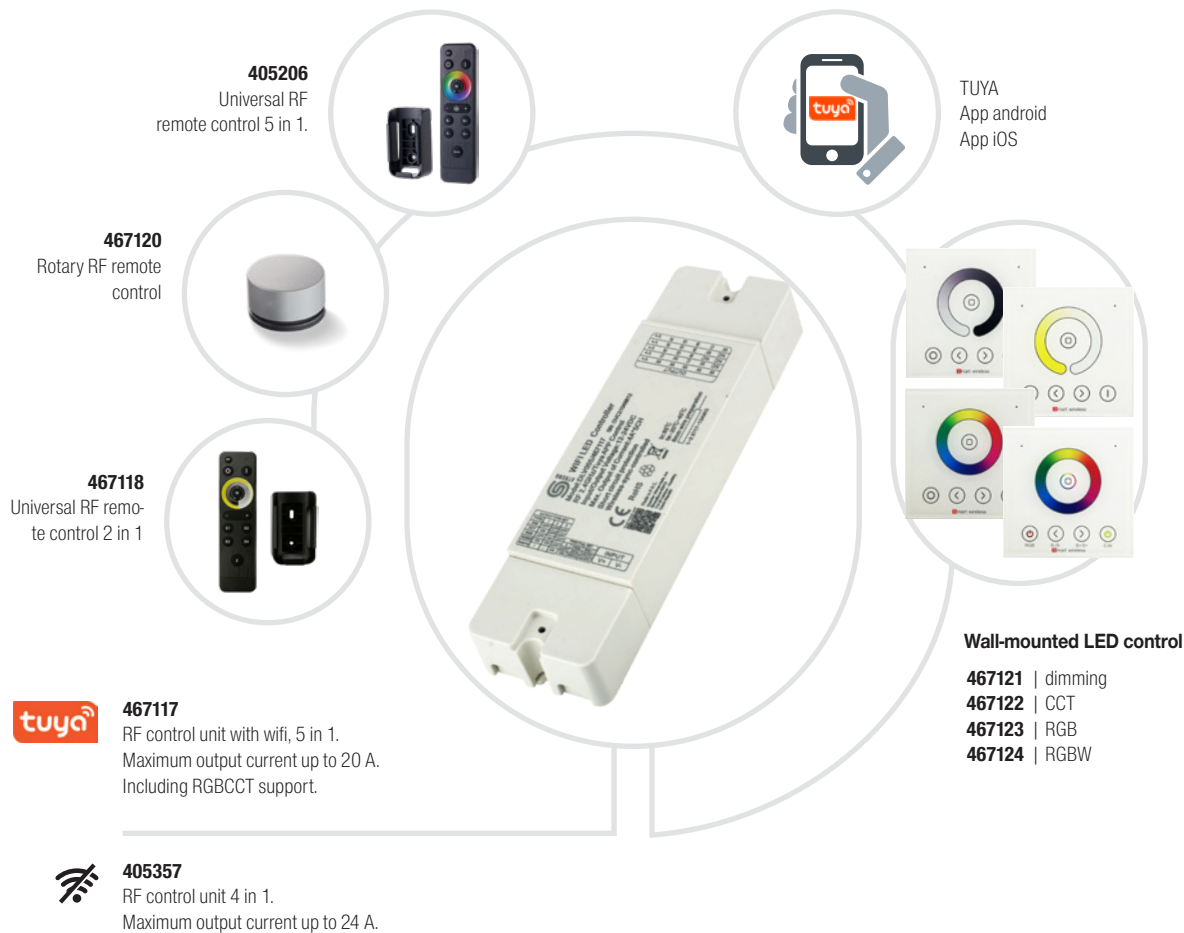
Not only will you be able to turn the light off or on using your mobile phone, but you can also change the colour or intensity of the light to suit your needs.

With intelligent lighting systems, you can easily adjust the home atmosphere created by the LED light sources in the rooms. With just a smartphone or tablet in your hand, you can control the lights throughout your home, home or office, including intensity and colour control. Depending on the mood or situation, you can choose from pre-set lighting scenes, from romantic dinner to colourful party lighting.

Another advantage of intelligent lighting is the ability to program random or precisely timed switching on and off of various lights in the home when you are on vacation, which can act as one of the elements of property protection from thieves.

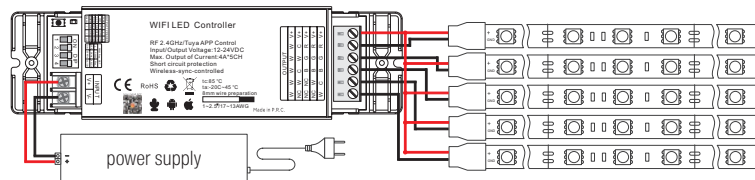
The Smart Unit 467117 is compatible with conventional battery-operated (AAA batteries) controllers, wall-mounted controllers (230 V power supply), a rotary design controller that can be used to control any LED strip in our range and the TUYA Smart mobile app. All of these control options can be used simultaneously and the possibilities of combining different controllers and the mobile app depend only on the user's needs and imagination.

Voltage at input and output is 12- 24 V. Must be powered using a power supply, never directly from the mains. Supply cable is not included. This must be used from the power supply.



Connection diagram on the example of single-colour LEDs

- power supply must be used



remote controls

Wall-mounted touch controls – mains power supply

- Assembly into a conventional 86x86 mm installation box makes it easy to replace existing equipment in the event of renovation.
- **Power supply directly** from the mains, wireless control of one zone of lights.
- Can be combined with battery-powered models.



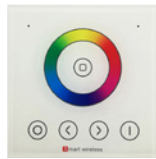
467124



467121



467122



467123

code	destination
467121	dimming
467122	CCT
467123	RGB
467124	RGBW

Battery controls

- Classic remote control shape for convenient adjustment of lighting as required
- 4-zone – possibility to control up to 4 control units separately
- Included in the package is a holder for screwing to the wall



467118



405206



code	destination
467118	dimming + CCT
405206	RGB, RGBW, RGBCT

Rotary control

- Design assistant to control one zone.
- Equipped with magnetic pad with 3M tape on the bottom side. This keeps the control in its designated place but can be conveniently moved as required
- Primarily designed to control single-colour and CCT strips, but can also handle colour including RGBW. However, their control is not very intuitive.



code	description
467120	rotary remote control

Overview of recommended combinations according to the colour of the lighting used

LED type	recommended control		
Single-colour			
	467118	467121	467120
CCT			
	467118	467122	467120
RGB			
	405206	467123	
RGBW			
	405206	467124	
RGBCT			
	405206		

- All of the controls listed here transmit on the 2.4 GHz RF frequency and are compatible with the All in One unit as well as the 405357 and 546638 control units.
- Cannot be used in combination with a receiver for self-powered switches

Remote control with control unit

- remote control for LED strips (single-colour) with high power and advanced dimming pulse modulation
- functions – on / off / dimming / dynamic modes
- due to its high power, it is necessary to connect it to a terminal box, in compliance with enclosed instructions
- maximum switching power: 300 W (12 V), 600 W (24 V)
- range: up to 20 m (in free space)
- possibility of mutual synchronisation of multiple units via RJ45 cable
- AAA battery in the remote control



code	description
284572	set for one zone

Technical parameters:

Voltage: 12V/24 V
 Unit dimensions: 130 × 40 × 32 mm
 Regulation range: 0–100%
 Maximum current: 25 A
 Standby mode consumption: < 1 W

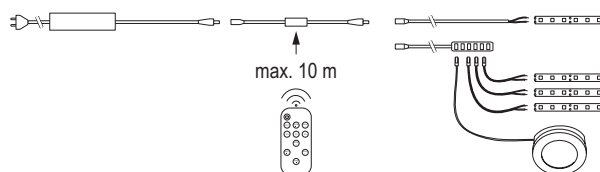


Accessories

code	description
134114	connecting cable for transformer, Jack (2 m)
179054	connecting cable for transformer, Jack (15 cm)
347904	StrongLumio two-core cable 2×0.5 mm ² 20 AWG red-black

Remote switch/dimmer

- radio transmission with a range of about 10 m (direct visibility is not required)
- functions – on / off / dimming / dynamic modes
- connectors compatible with supplied power supplies for LED strips, just insert into the set
- maximum switching power: 72 W (12 V), 144 W (24 V)
- RoHS, CE
- if you use this switch/dimmer, do not connect other sensors and electronic switches to it, lower dimming voltage affects their function
- battery in the remote control – CR 2025



code	description
223823	remote switch/dimmer

Technical parameters:

Voltage: 12V/24 V
 Unit dimensions: 50 × 10 × 5 mm
 Regulation range: 0–100%
 Maximum current: 6 A (12 V), 6 A (24 V)
 Standby mode consumption: < 0.5 W



Accessories

code	description
134114	StrongLumio connecting cable with round connector for LED 2 m
285093	SAL LED distributor 6× Mini Jack connector 0.25 m
378219	spare battery

RF control unit for 2PIN CCT strips

- Allows dimming and regulation of white colour temperature.
- Screw terminal block on both input and output.
- Rotary button for operation without a remote control.
- Display showing the set value and mode.
- For use in combination with 2PIN CCT strips.
- Compatible with remote controls on p. 06.29.
- Recommended combination = CCT variant.

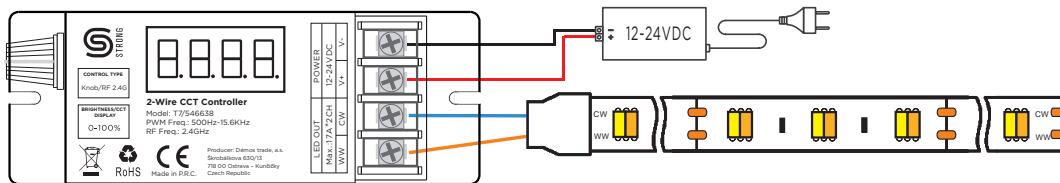


Technical parameters:

Voltage: 12/24 V.
 Maximum current (depending on set PWM frequency): 17 A in default setting
 ~ 200 W/12 V; 400 W/24 V.
 Dimming 0–100%, CCT regulation 100% cool – 100% warm.
 Standby mode consumption: < 1 W.
 Wiring diagram:

LED type	recommended control		
single-colour CCT			
	467118	467122	467120

code	description
546638	RF control unit
544705	COB LED strip 2PIN CCT 10+10 W



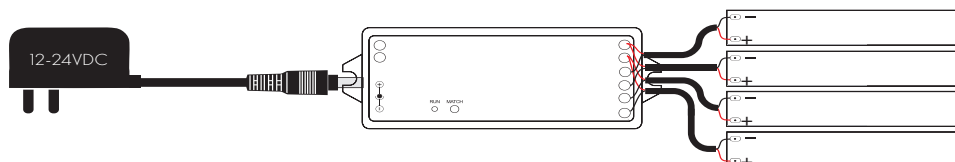
Remote control with RF control unit

- Set: remote control + control unit for single-colour LED strips.
- Allows switching and brightness regulation for one zone.
- Magnetic wall bracket.
- Remote control powered by CR2032 button battery.

code	description
546601	set: remote control + RF control unit

Technical parameters:

Voltage: 12/24 V.
 Maximum current: 15 A total, 6 A/channel ~ 180 W/12 V; 360 W/24 V.
 Standby mode consumption: < 1 W.
 Dimensions of remote control only: 140 × 36 × 11 mm.
 Wiring diagram:



StrongLumio remote controls

USB rechargeable wireless switches

- For single-colour LED strips.
- 2 receiver options: with 3PIN connector or with 5.5 mm jack for connection to the appropriate power supply.
- Wireless communication with selected sensors.
- Memory for up to 8 switches of the same type.
- Voltage: 12/24 V.

code	description
546610	3PIN for power supplies on p. 6.33
546611	round connector for standard power supplies (max 3.5 A/channel, total 6 A)

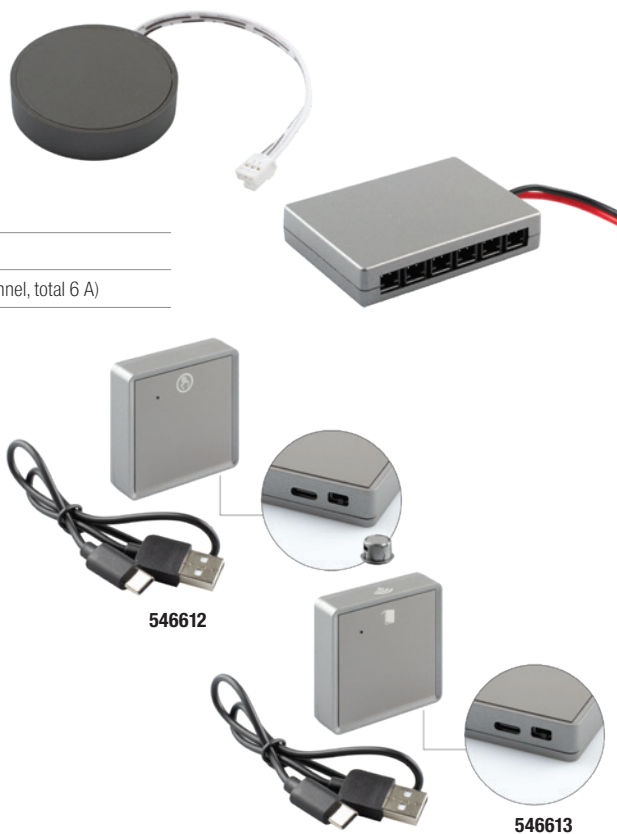
- The switches are fitted with a built-in rechargeable battery for charging via USB.
- Held on the surface by a magnetic pad – easy removal for charging.
- Dimensions 46 × 46 × 13 mm (including pad).
- Touch switches and door sensors cannot be combined on the same receiver at the same time.

The magnetic door switch responds to the proximity of a magnetic counterpart located on the door. Distance approx. 1 – 1.5 cm.

The touch switch allows brightness regulation and responds at the location of the drawn icon.

code	description
546612	touch switch
546613	door switch

USB A/C charging cable is included in the packaging



Digital strip control

- For single-colour digital LED strips (e.g. 544564, see p. 06.9). Allow sequential activation of segments or other dynamic effects.
- Recommended accessories: 543631 1 m connecting cable for digital strip Mini connector – JST SM.

Remote control

Allows regulation of brightness and speed, including 28 different effects

Voltage: 12/24 V

Power supply: 2×AAA batteries

The remote control is supplied as a set with a receiver

code	description
544562	remote control for digital LED strips
546609	touch switch for digital LED strips
543631	connecting cable for digital LED strips 1 m

Touch switch.

Long touch regulates brightness; double touch switches to speed regulation mode.

Allows regulation of brightness and speed, without further dynamic effects.

Voltage: 12/24 V.

The switch is fitted with a Mini connector on the input and a 3-pin JST SM connector on the output.



StrongLumio 3PIN switches



Switches/dimmers 3PIN 12/24 V

They connect directly to a special 3PIN socket in the body of the power supply and provide on/off/dimming of all connected LED strips/spotlights at the same time. This makes lighting installation very simple. Just connect LED strips or 12 V spotlights to the Mini connectors (6 to 10 depending on the power supply), connect one of the offered switches/dimmers to the 3PIN connector marked SENSOR.

80 W and 100 W models are equipped with one XT30 connector in addition to the Mini, which is used to connect a stronger light to one line

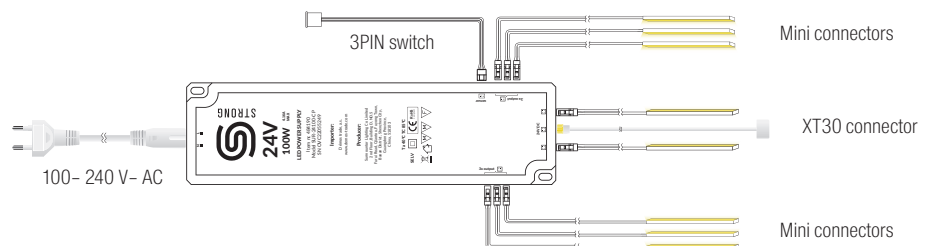
Using 3PIN switches in this way directly into the power supply eliminates the limitation for maximum switching current. This is now determined by the power supply power and the cable/connector used, not the switch.

Maximum current on individual Mini connectors = 4 A



Connection diagram - only single-colour LEDs

- power supply directly from the mains



Note: for more information and a detailed description of features, please visit the website.

StrongLumio touch switches

Touch switch/dimmer for shallow depth – 3PIN



code	colour
492726	black colour without diode

- designed for flush-mounting without drilling through the entire thickness of the board material
- first touch switches the lighting on, second touch switches it off
- long touch will set the intensity
- memory function – remembers the intensity at the moment of the switch-off and uses the same intensity when it is switched on
- 3PIN variant only – for use with power supplies on p. 06.33

Technical parameters:

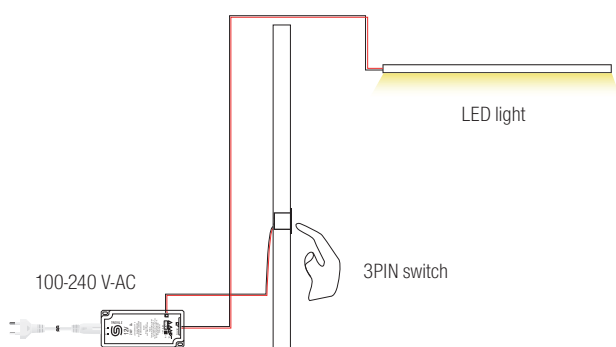
Dimensions: 34 × 10 mm

Drilling diameter: 30 mm

Voltage: 12/24 V

Connector type – 3PIN

The maximum switching current is determined by the limitation of the power supply
Feed cable length: 1 m



Touch switch/dimmer



code	colour
342516	black
342517	white
405197	silver with blue backlight

- first touch switches the lighting on, second touch switches it off
 - long touch will set the intensity
 - the silver option is equipped with a blue LED (cannot be switched off)
 - memory function – remembers the intensity at the moment of the switch-off and uses the same intensity when it is switched on
- ☑ 3PIN variant with the same functions, see p. 06.33

Technical parameters:

Voltage: 12 V/24 V

Dimensions: 22 × 17 mm

Maximum current: 4 A (for option with Mini connectors)

Maximum switching power: 48 W (12 V), 96 W (24 V)

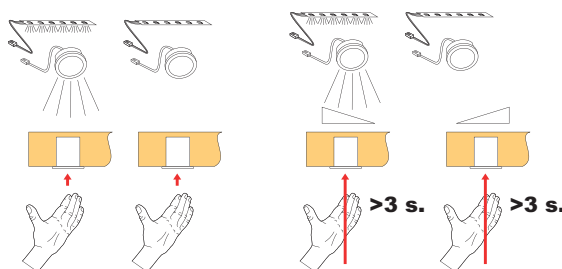
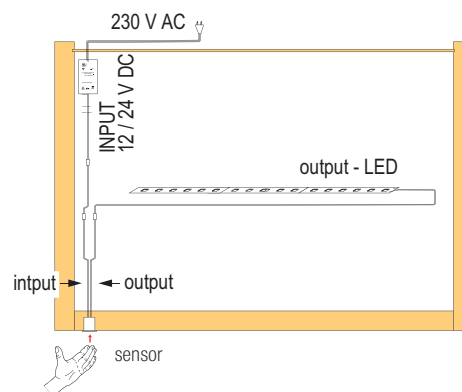
Drilling diameter: 18 mm

Cable length: 1 m supply + 1 m output



Tips for use:

- kitchens
- dining rooms
- bed lighting
- lighting control in a gallery



StrongLumio touch/contactless switches



Touch switch/dimmer

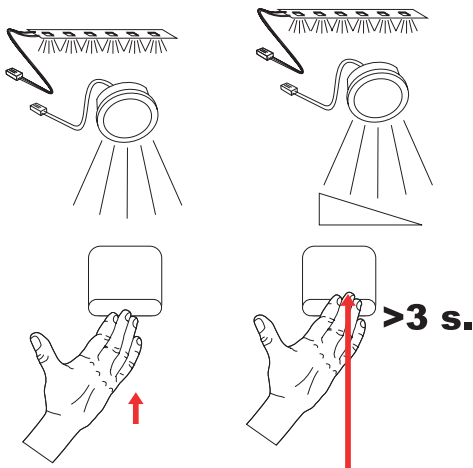
- touching the switch turns the lighting on/off
- equipped with Mini connectors
- metal body with elegant design
- the switch has 3M tape for easier installation



code	colour
405199	black
405200	white
405201	silver

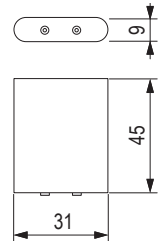
Technical parameters:

Voltage: 12 V/24 V
 Dimensions: 43 × 31 × 9 mm
 Maximum current: 4 A
 Maximum switching power: 48 W (12 V), 96 W (24 V)
 Connector type: Mini
 Cable length: 1 m supply + 1 m output



Touch-free switch with dimming dimming

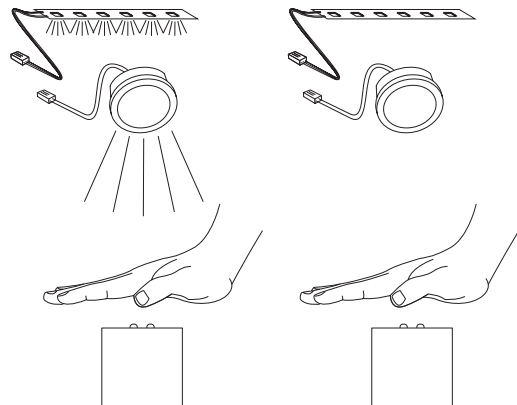
- touch-free switch / dimmer
- the lighting is switched on/off by waving your hand in front of the switch
- when covered for a long time, the lighting intensity can be set
- works by waving your hand from a distance of max. 5 cm
- metal body with elegant design
- the switch has 3M tape for easier installation
- cables with Mini connectors



code	colour	description
405918	black	touch-free switch / dimmer
405917	white	touch-free switch / dimmer

Technical parameters:

Voltage: 12 V/24 V
 Dimensions: 45 × 31 × 9 mm
 Maximum current: 4 A
 Maximum switching power: 48 W (12 V), 96 W (24 V)
 Connector type: Mini
 Cable length: 1 m supply + 1 m output



StrongLumio door switches

Door / touch-free switch, up to 3 sensors

- used to control lighting
- control unit with selector switch, sensors to be purchased separately
- **DOOR mode functions as an IR door switch**
- **HAND mode is for control by hand movement**
- option of connecting up to 3 sensors – switches on the impulse of each
- sensor range max 5 cm (depending on door colour)



342518



342520

code	description
342518	control unit
342519	black sensor
342520	white sensor
362939	extension cable for door sensors, 2 m

Technical parameters:

Voltage: 12V/24V

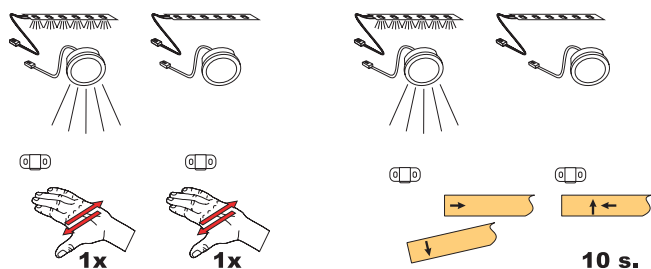
Dimensions: 62 × 47 × 22 mm

Maximum current: 8 A

Maximum switching power: 96 W (12 V), 192 W (24 V)

Sensor hole diameter: 16 mm

Sensor cable length: 2 m



code	description
134114	2 m connecting cable to power supply (Jack)
179054	15 cm connecting cable to power supply (Jack)
543616	2 m connecting cable with Mini connector



543616

Magnetic door switch for up to 4 sensors

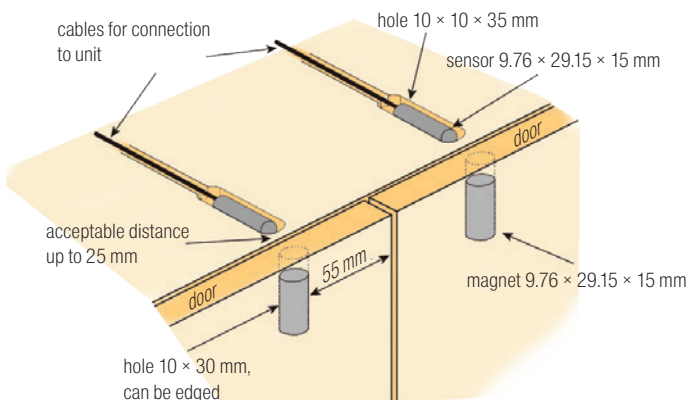
- control unit, sensors with magnetic counterparts sold separately
- **option of fully concealed installation – magnets respond through obstacles**
- round hole 10×30 mm, can be fully covered by an edge
- option of connecting up to 4 sensors – switches on the impulse of each
- sensing at a maximum distance of 2.5 cm
- magnets with diameter 9.76 mm, length 29.15 mm



546608

546602

code	description
546608	control unit
546602	magnetic sensor



134114

StrongLumio door switches

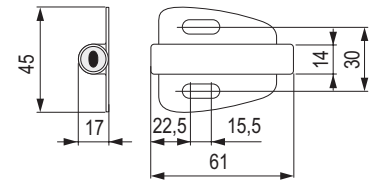


Door / touch-free switch

- door switch is suitable for lighting control in cabinets
- the lighting is switched on by opening the door / clearing the area in front of the switch and it is switched off by covering it
- the switch can be fastened with 2 screws, or can be removed from the holder and installed in a hole
- maximum distance of door from the switch is 10 cm (darker door reduces the range of the switch)
- to increase the range for darker decors, we recommend gluing a white cover cap (283272) opposite the sensor
- touch-free switch works by waving your hand from a distance of max. 5 cm

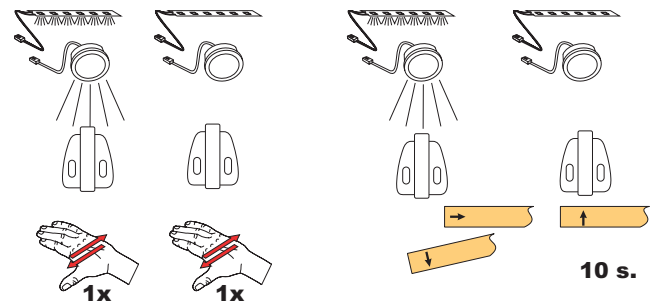


code	description
374369	door switch
374370	touch-free switch



Touch-free switch

- the lighting is switched on/off by waving your hand in front of the switch
- when covered for a long time, the lighting intensity can be set
- works by waving your hand from a distance of max. 5 cm
- cables with Mini connectors



Technical parameters:

Voltage: 12 V/24 V
 Dimensions: 61 × 45 × 17
 Installation space: ø 14 mm, depth: 54 mm
 Maximum current: 4 A
 Maximum switching power: 48 W (12 V), 96 W (24 V)
 Connector type: MINI
 Cable length: 1 m supply + 1 m output

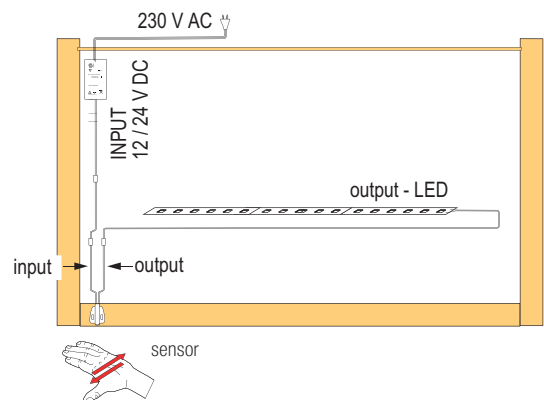
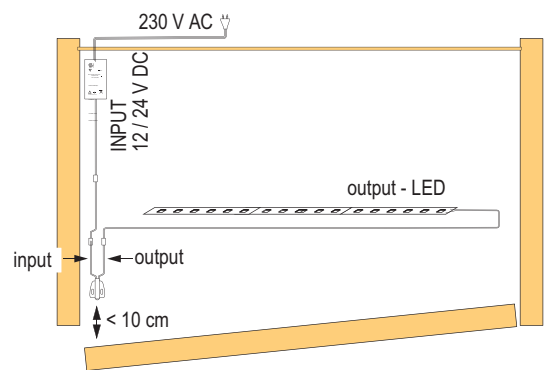


Tips for use:

- lighting for cabinets with both sliding and hinged doors
- top cabinets in the kitchen
- drawer lighting
- chests of drawers and others

Accessories

code	description
356328	Mini distributor (up to 3 A individually, 6 outputs), total max. 3 A, 0.25 m
342541	connecting cable, Mini and Jack, 15 cm
283272	self-adhesive cover cap for dark shades of door, it will increase switch range



StrongLumio door switches

Door switch

- door switch is suitable for lighting control in cabinets
- the lighting is switched on by opening the door / clearing the area in front of the switch and it is switched off by covering it
- the switch has 3M tape for easier installation
- maximum distance of door from the switch is 10 cm (darker door reduces the range of the switch)
- to increase the range for darker decors, we recommend gluing a white cover cap (283272) opposite the sensor

code	colour	description
342514	silver	door switch
405915	white	door switch
405916	black	door switch

Technical parameters:

Voltage: 12 V/24 V

Dimensions: 41 × 31 × 9 mm

Maximum current: 4 A

Maximum switching power: 48 W (12 V), 96 W (24 V)

Connector type: Mini

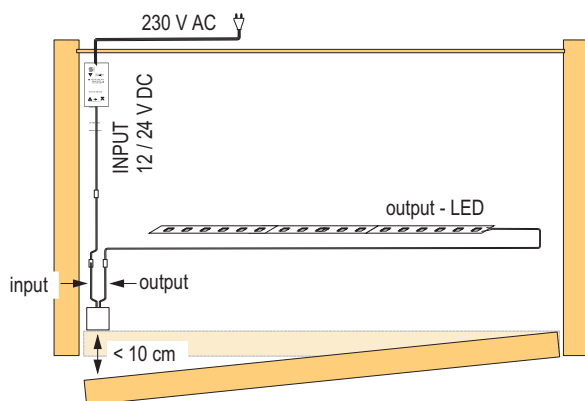
Cable length: 1 m supply + 1 m output



Tips for use:

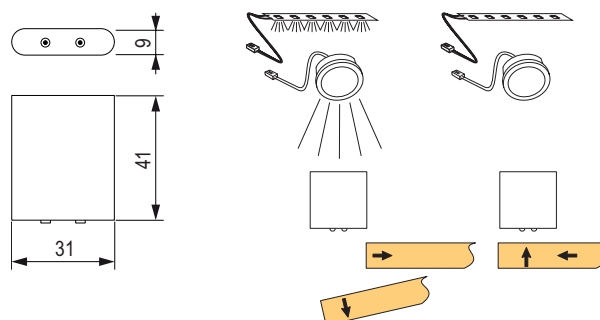
- lighting for cabinets with both sliding and hinged doors
- top cabinets in the kitchen
- drawer lighting
- chests of drawers and others

silver 3PIN option, see p. 06.33



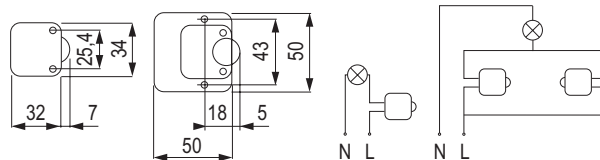
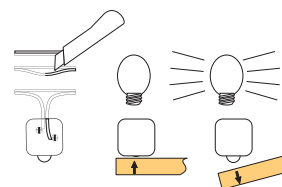
Accessories

code	description
356328	Mini distributor (up to 3 A individually, 6 outputs), total max. 3 A, 0.25 m
342541	connecting cable, Mini and Jack, 15 cm
283272	self-adhesive cover cap for dark shades of door, it will increase switch range



Mechanical (door) switch

- simple switch, activates on opening
- 12 V DC, 220–240 V, 50 Hz, max. 2 A, 2 × 0.75 mm
- when installing on the door, installation at hinges is recommended to ensure sufficient pressure



example of use – switch on of lighting

code	colour
134116	white
134117	black

- in case of using at 230 V voltage, installation should be carried out by an authorised person

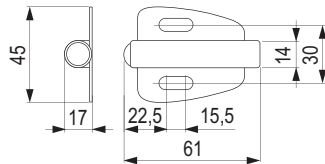


StrongLumio motion sensors



PIR motion sensor

- the lighting is switched on when a motion is detected, it switches off after 40 seconds of no motion
- the sensor detects temperature difference – if an object with the same temperature moves, it may not detect any difference and may not switch on the lighting
- the switch can be fastened with 2 screws or removed from the holder and installed in a hole
- maximum range is 2 m



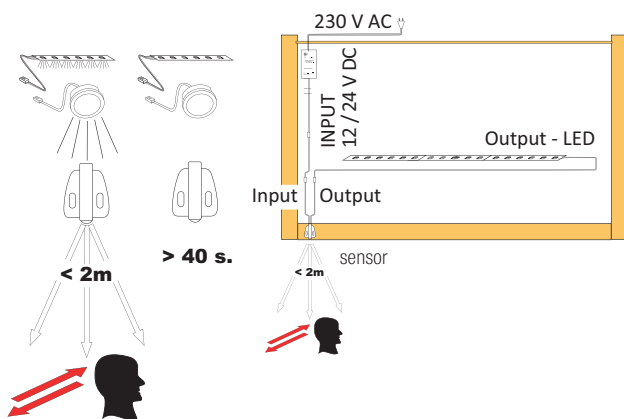
code	description
343040	PIR motion switch

Technical parameters:

Voltage: 12 V/24 V
 Dimensions: 61 × 45 × 17 mm
 Installation space: ø 14 mm, depth: 54 mm
 Detection range: < 2 m
 Maximum current: 4 A
 Maximum switching power: 48 W (12 V), 96 W (24 V)
 Connector type: Mini
 Cable length: 1 m supply + 1 m output

Tips for use:

- hall lighting
- walk-in wardrobe
- staircases
- orientation lighting

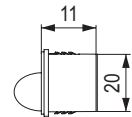


Accessories

code	description
356328	Mini distributor (up to 30 W separately, 6 outlets), max. 100 W (Mini) in total, 0.25 m
342541	connecting cable, Mini and Jack, 15 cm

Motion sensor with twilight sensor

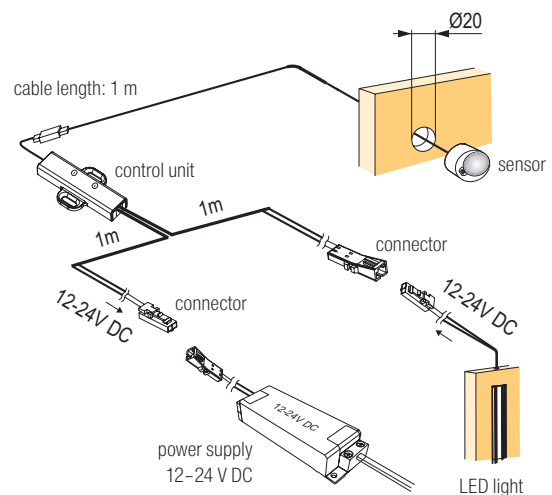
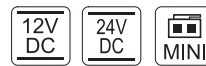
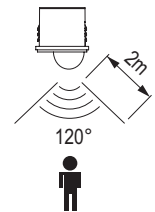
- motion sensor with built-in ambient lighting sensor and adjustable switching time
- switches off the motion sensor in sufficient lighting (can be set)
- the second potentiometer is used to set the light duration in the range of 6-70 seconds
- sensitivity adjustable in the range of 2-60 lx



code	description
405209	motion sensor with twilight sensor

Technical parameters:

Voltage: 12 V/24 V
 Lens dimensions: 20 × 11 mm
 Installation space: ø 20 mm, depth: 11 mm
 Detection range: 2 m
 Maximum current: 4 A
 Maximum switching power: 48 W (12 V), 96 W (24 V)
 Connector type: Mini
 Cable length: 1 m supply + 1 m output



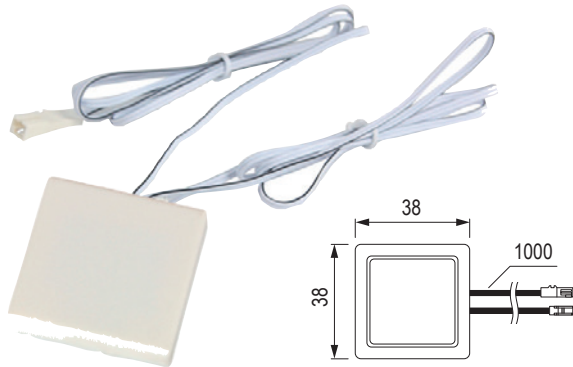
Accessories

code	description
356328	Mini distributor (up to 30 W separately, 6 outlets), max. 100 W (Mini) in total, 0.25 m
342541	connecting cable, Mini and Jack, 15 cm

StrongLumio other switches

Capacitive switch

- the light switches on/off by touching the surface above the installed sensor
- intended for boards with a thickness up to 38 mm



code	description
405198	capacitive switch

- the sensor is glued to the rear side of the board where we wish to control the light
- installation surface needs to be cleaned and degreased
- after installation, connect lighting and finally the power supply
- the sensor does not work on metal surfaces
- the light switches on/off by touching the surface above the installed sensor
- with long touch it is possible to set the lighting intensity (dimming)
- intended for boards with thickness up to 38 mm
- it must not be located near induction plates, transformers, metal objects, etc.
- with Mini connectors and cables (1 m and 1 m)
- 3PIN option without switching current limitation and with 3-core cable length of 1 m

3PIN variant with the same functions, see p. 06.33

Technical parameters:

Voltage: 12 V/24 V

Max. current: 4 A

Maximum input power: 48 W (12 V), 96 W (24 V)

intended for boards with thickness up to 38 mm

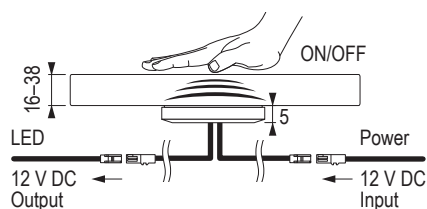
dimensions: 38 × 38 × 7 mm

must not be located near induction plates, power supplies, etc.



Accessories

code	description
356328	Mini distributor (up to 3 A individually, 6 outlets), total max. 3 A (Mini) 0.25 m
342541	connecting cable, Mini and Jack, 15 cm



Cable with foot switch, 230 V

- maximum load: 2.5 A, 550 W
- length: 3.5 m
- wires: 2 × 0.75 mm
- free ends at the output



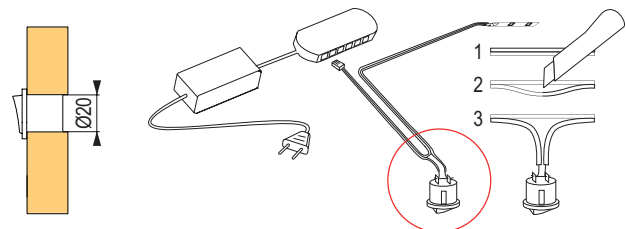
code	description
285105	cable with foot switch, 230 V

if used for voltage 230 V, installation should be carried out by an authorised person



Mechanical switch

- 12 V DC, 24 V DC, 220–240 V, 50 Hz, max. 4 A



code	colour
SAL341	white
SAL342	black
SAL343	grey
SAL344	brown

• in case of using at 230 V voltage, installation should be carried out by an authorised person

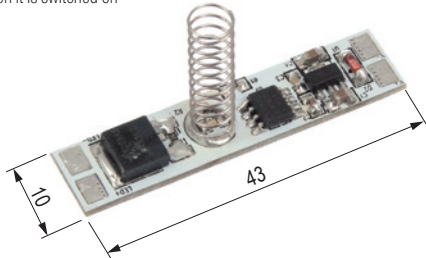


StrongLumio switches for aluminium profiles



Touch switch/dimmer for aluminium profiles

- the lighting is switched on/off by touching the illuminated point
- intensity of lighting can be set by a longer touch
- memory function – remembers the intensity at the moment of the switch-off and uses the same intensity when it is switched on



code	description
342513	switch/dimmer for aluminium profiles

Technical parameters:

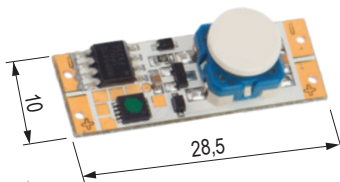
Voltage: 12 V/24 V
 Dimensions: 10 x 43 mm
 Regulation range: 0–100%
 Maximum current: 8 A
 Maximum switching power: 96 W (12 V), 192 W (24 V)



- shorten the spring as needed to touch the profile cover
- in case of a too long spring, a short circuit can occur and thus cause malfunctions or damage to the switch
- excessively shortened spring can be carefully extended – avoid pulling out, risk of damage, careful handling is needed
- especially in the case of higher power switching, the switch must be adjacent to the aluminium profile for heat dissipation
- we recommend taping with a double-sided adhesive tape 3M
- lit diode cannot be turned off

Switch/dimmer for aluminium profiles, mechanical

- lighting switches on/off by pressing the button
- intensity of lighting can be set by a longer touch
- memory function – remembers the intensity at the moment of the switch-off and uses the same intensity when it is switched on



code	description
312317	mechanical switch/dimmer for aluminium profiles

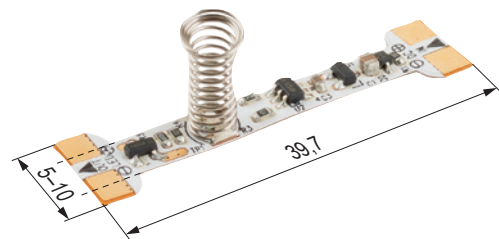
Technical parameters:

Voltage: 12 V DC /24 V DC
 Dimensions: 10 x 28.5 mm
 Regulation range: 0–100%
 Maximum current: 7.5 A
 Maximum switching power: 90 W (12 V), 180 W (24 V)
 Standby mode consumption: 0,07 W (12 V), 0,22 W (24 V)



Flexible touch switch/dimmer for aluminium profile

- the lighting is switched on/off by touching the illuminated point
- intensity of lighting can be set by a longer touch
- memory function – remembers the intensity at the moment of the switch-off and uses the same intensity when it is switched on
- flexible material – like PCB strip itself
- the edges of the contact points can be cut off and the switch can be tapered as required
- also suitable for narrow profiles
- **the possibility of using quick connectors and snap-on cables becomes a great advantage**



code	LED indicators
507818	flexible touch switch/dimmer

Technical parameters:

Voltage: 12 V/24 V
 Dimensions: 10 x 39.7 mm, can be narrowed to 5 mm
 Regulation range: 5–100%
 Maximum current 3.5 A
 Maximum switching power: 42 W (12 V), 84 W (24 V)



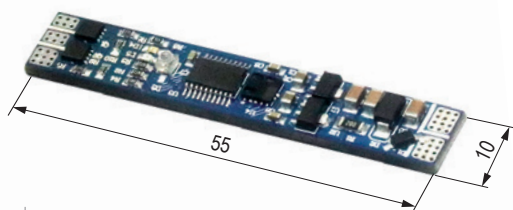
- the LED cannot be switched off – it is used to indicate the place of contact



StrongLumio switches for aluminium profiles

Touch-free switch/dimmer for aluminium profile for CCT LED strips

- touch-free sensor for profile
- switches the lighting on when waving in front of the sensor
- detection distance: <18 cm without cover, the detection distance decreases with cover according to the filtration of IR rays
- for longer shading, the lighting temperature can be adjusted
- (the power ratio between the two channels changes), while the yellow LED flashes
- with the second shading, the lighting intensity can be set while the blue LED flashes
- when connecting one channel, it can be used as a common switch/dimmer
- memory function



code	description
405195	touch-free switch / dimmer

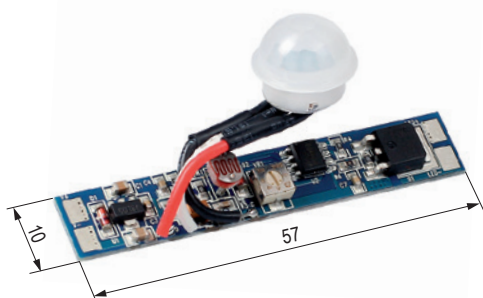
Technical parameters:

Voltage: 12 V/24 V
 Dimensions: 10 × 55 mm
 Regulation range: 0–100%
 Maximum current: 4 A / 1 channel
 Maximum switching power per channel: 48 W (12 V), 96 W (24 V)



Motion sensor for aluminium profile

- motion sensor for profile which switches the lighting on when detecting a movement in the dark (sensor is inactive in daylight) at the detection distance (2 m – in a straight line)
- sensitivity adjustable in the range of 2–60 lx
- the lighting is switched on for 40 seconds (if the sensor does not detect movement after this time, the lighting switches off).



code	description
405196	motion sensor for profile

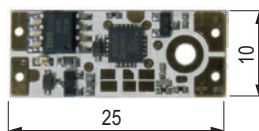
Technical parameters:

Voltage: 12 V/24 V
 Dimensions: 10 × 57 mm, 10.5 mm hole for sensor in the cover
 Maximum current: 8 A
 Maximum switching power: 96 W (12 V), 192 W (24 V)



Switch/dimmer for aluminium profiles, touch

- capacitive sensor – touching any part of the profile will switch the lighting on/off
- intensity of lighting can be set by a longer touch
- memory function – remembers the intensity at the moment of the switch-off and uses the same intensity when it is switched on



code	LED indicators
215666	yellow LED
215772	blue LED
392223	without LED indicator

Technical parameters:

Voltage: 12 V/24 V
 Dimensions: 10 × 25 mm
 Regulation range: 0–100%
 Max. current: 7.5 A
 Maximum switching power: 90 W (12 V), 180 W (24 V)
 Standby mode consumption: 0,1 W (12 V), 0,282 W (24 V)



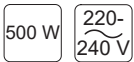
- easy installation by soldering to a LED strip; power supply is soldered from the other end
- necessary to screw to the aluminium profile with a stainless steel screw (2 mm hole)
- maximum length of the control profile is 3 m, other profiles must be insulated to avoid interference with sensor function
- does not work with battery and earthed power supplies
- **does not work on lacquered profiles (white and other)**
- aluminium profile must not be earthed, contact with wall may cause malfunction, must be tested in place
- we recommend taping the switch with an insulating tape
- slightly bend the end of the LED strip away from the aluminium profile or also tape with the insulating tape
- installation instructions included, detailed instructions and installation video can be found on www.demos24plus.com

230 V switches

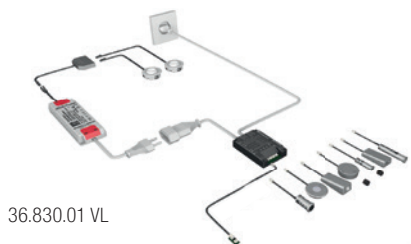
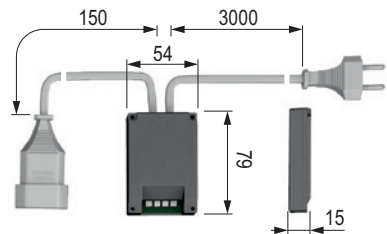
Control unit for 230 V



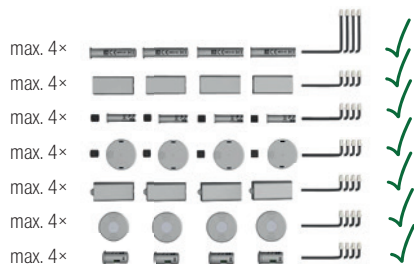
code	description
467280	control unit for 230 V and up to 4 switches



- 230 V voltage control system
- switching of appliances up to a maximum input power of 500 W, 230 V AC (LED power supplies, 230 V lighting or other appliances)
- up to **4 same switches** can be connected to the control unit, a combination of different types of switches is not possible
- the connection must be carried out in compliance with the instructions, it is forbidden to interfere with the installation
- dimming is not supported with this control unit, it always uses 230 V voltage
- standby mode consumption: 0.5 W



36.830.01 VL

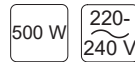


cannot be combined

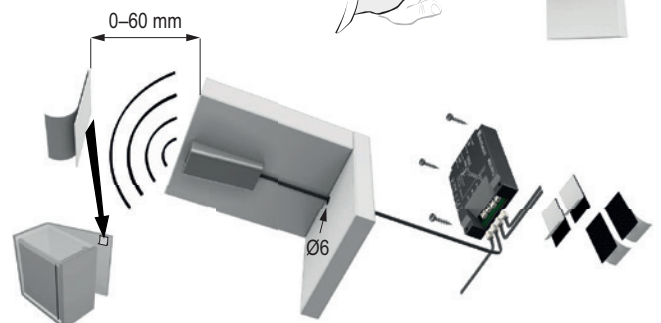
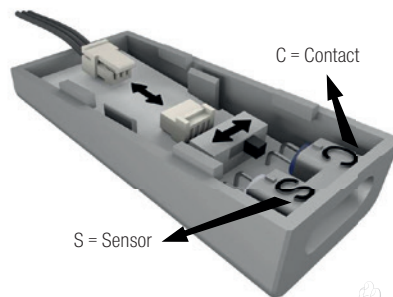
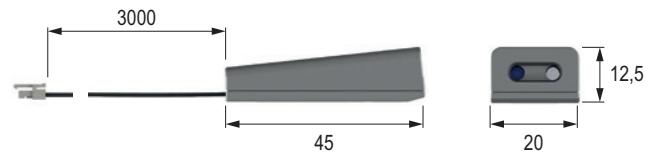
Door switch / touch-free switch



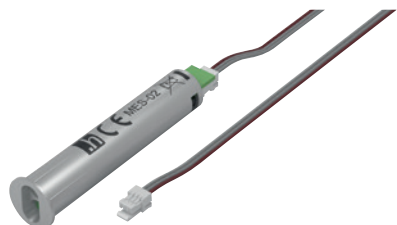
code	description
467276	door switch / touch-free switch
467280	control unit for 230 V and up to 4 switches



- 230 V voltage control system
- up to **4 same switches** can be connected to the control unit, a combination of different types of switches is not possible
- switch function can be changed: C - door switch, S - touch-free switch
- switch range up to 6 cm
- the connection must be carried out in compliance with the instructions, it is forbidden to interfere with the installation
- dimming is not supported with this control unit, it always uses 230 V voltage
- standby mode consumption: 0.5 W



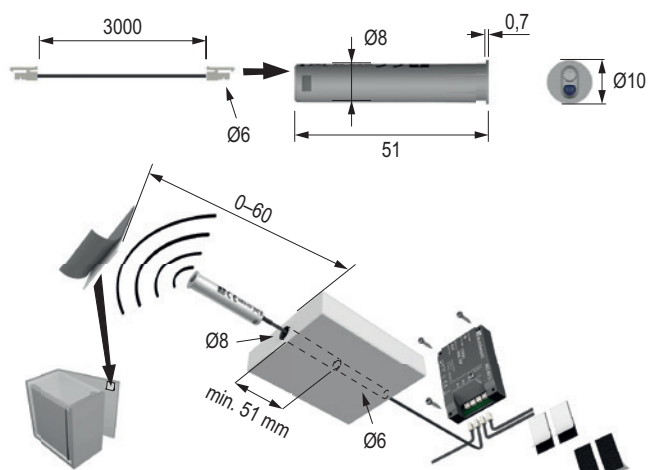
Door switch – for milling-in



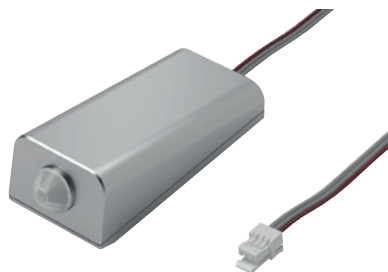
code	description
539504	door switch – for milling-in
467280	control unit for 230 V and up to 4 switches

500 W $\frac{220-240}{V}$

- 230 V voltage control system
- up to **4 same switches** can be connected to the control unit, a combination of different types of switches is not possible
- switch range up to 6 cm
- the connection must be carried out in compliance with the instructions, it is forbidden to interfere with the installation
- dimming is not supported with this control unit, it always uses 230 V voltage
- standby mode consumption: 0.5 W



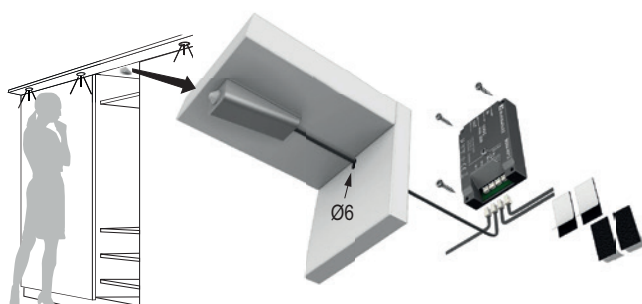
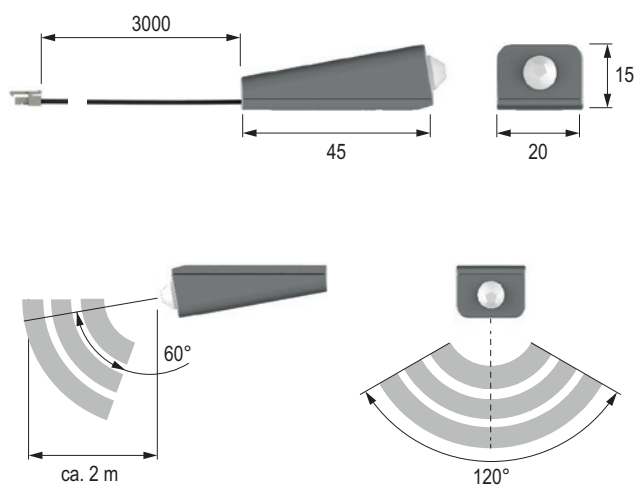
Motion sensor



code	description
467291	PIR motion sensor
467280	control unit for 230 V and up to 4 sensors

500 W $\frac{220-240}{V}$

- 230 V voltage control system
- up to **4 same switches** can be connected to the control unit, a combination of different types of switches is not possible
- sensor range up to 2 m
- the connection must be carried out in compliance with the instructions, it is forbidden to interfere with the installation
- dimming is not supported with this control unit, it always uses 230 V voltage
- standby mode consumption: 0.5 W



230 V switches

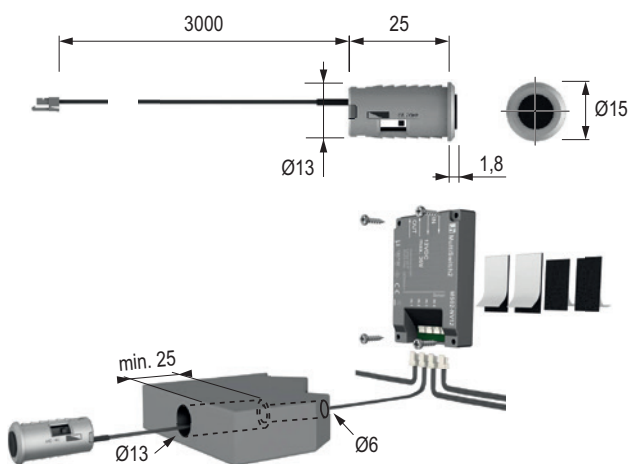
Mechanical switch



code	description
467281	mechanical switch
467280	control unit for 230 V and up to 4 switches

500 W $\frac{220}{240}$ V

- 230 V voltage control system
- up to **4 same switches** can be connected to the control unit, a combination of different types of switches is not possible
- mechanical button, micro-switch
- the connection must be carried out in compliance with the instructions, it is forbidden to interfere with the installation
- dimming is not supported with this control unit, it always uses 230 V voltage
- standby mode consumption: 0.5 W



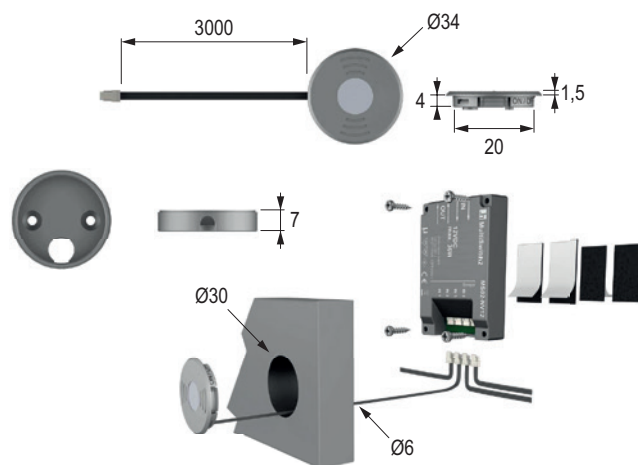
Touch switch



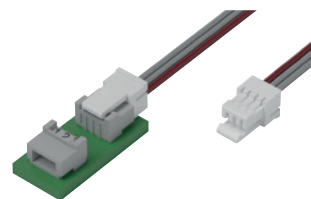
code	description
467284	touch switch
467280	control unit for 230 V and up to 4 switches

500 W $\frac{220}{240}$ V

- 230 V voltage control system
- up to **4 same switches** can be connected to the control unit, a combination of different types of switches is not possible
- touch sensor, constantly lit diode
- the connection must be carried out in compliance with the instructions, it is forbidden to interfere with the installation
- dimming is not supported with this control unit, it always uses 230 V voltage
- standby mode consumption: 0.5 W



Accessories for switches



code	description
467282	extension cable to Master unit 3 m

- in the event of cable damage (cutting), the claim will not be accepted

Sub-surface switch

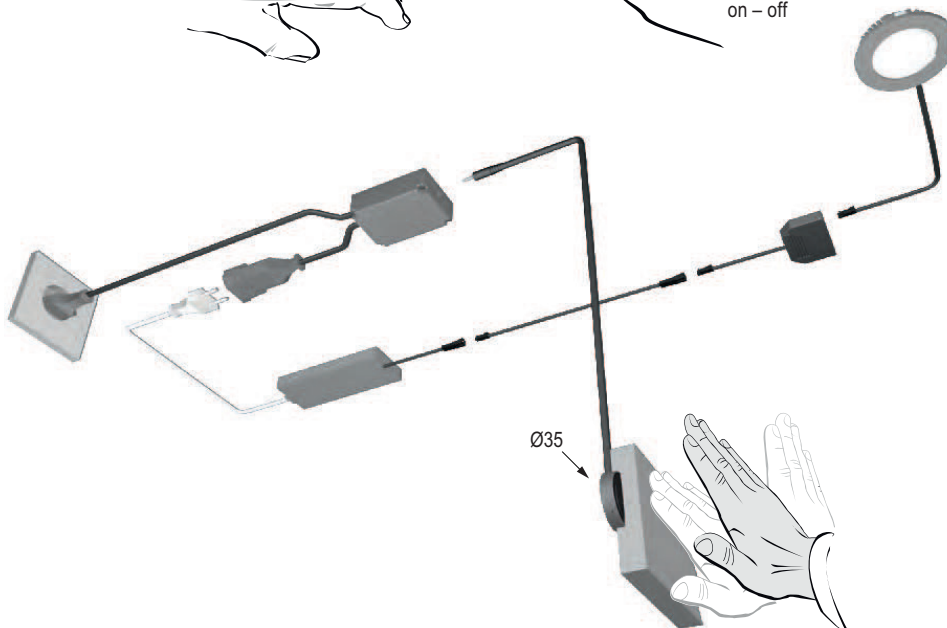
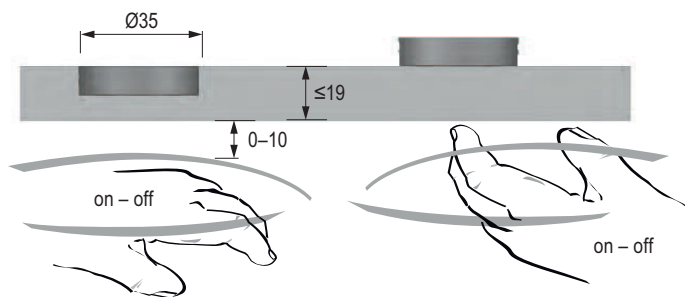
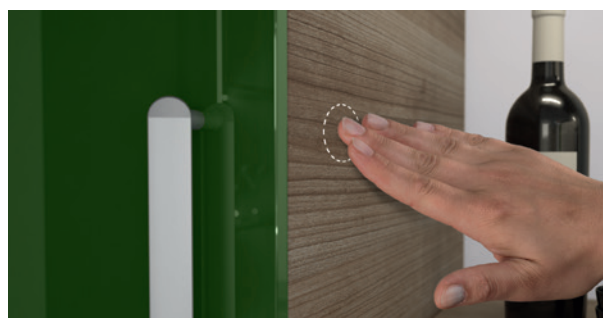
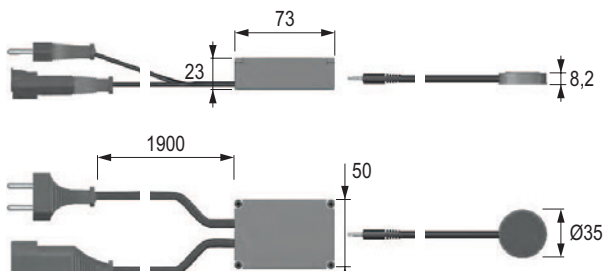
- the light (electrical appliance) switches on/off by touching the surface above the installed switch
- switching of appliances up to a maximum input power of 250 W, 230 V AC (LED power supplies, 230 V lighting or other appliances)
- for material with width of up to 19 mm (non-metallic materials only)
- it must not be located near induction plates, transformers, metal objects, etc.
- possibility of milling-in
- the connection must be carried out in compliance with the instructions, it is forbidden to interfere with the installation
- standby mode consumption: 0.5 W



code	description
536854	subsurface switch + unit
536852	sub-surface switch

250 W

220-240 V



06

Connecting cables

- for connection of power supply and LED strip (horizontal connection)



134114



179054

code	description
134114	for power supply of LED strips (soldering), jack, 2 m
179054	for power supply of LED strips (soldering), jack, 0.15 m



- use as short connecting cables as possible
- never roll the cables into a ball or coil, but cut the cables to the required length, or let them freely stretched

12 V and 24 V distributor

- for distribution at multiple distribution points
- round connector on the input
- ideal for using multiple branches of LED strip or spotlights controlled at the same time



285093

code	type of connector
285093	Mini (up to 3 W separately, 6 outlets), max. 3.5 W (jack) in total, 0.25 m



12 V and 24 V distributor

- Mini connector on the input
- ideal for using multiple branches of LED strip or spotlights controlled at the same time
- for distribution to multiple outlets from sensors and switches



356328

code	type of connector
356328	Mini (up to 3 A individually, 6 outlets), total max. 3 A (Mini), 0.25 m



Connecting cables with connectors

- suitable for connecting the switch with Mini end piece to StrongLumio power supplies
- suitable for connecting LED strip with Mini connector to StrongLumio power supplies
- suitable for connection of the LED strip with Mini end piece and remote control 223823

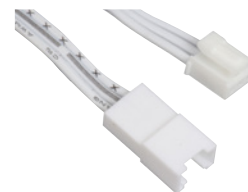


342541

code	description
342541	power supply (jack) – Mini connector, 0.15 m



Extension cable for 3PIN switches



code	description
507817	extension cable for 3PIN switches, 2 m



accessories for LED strips

Connecting cable for distributors, for soldering

- for LED strips connecting
- for power supply
- UL2468 AWG 20# conductors



285094

code	description
543616	connector type Mini ¹⁾ F, 2 m



¹⁾ this type is equipped with a fuse, we recommend it for use in mechanically stressed places, places with vibrations, etc.

- cables for soldering show higher reliability, suitable for use in the presence of moisture, etc.
- we recommend insulating the connection with a shrink tubing or at least taping it with an insulation tape

Extension cables



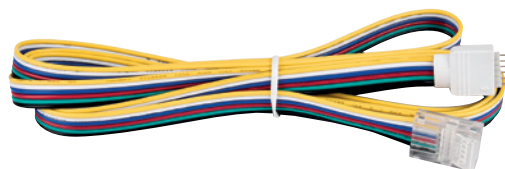
285110

code	description
285110	extension cable Mini - Mini, 1.8 m



Connecting cables to All in One unit

- used to connect the All in One unit with the corresponding LED strip
- just snap-on and plug-in
- the output connectors are detachable and can be used repeatedly if the strip is changed
- the single-colour are sized for 10 mm strips, but are also suitable for 8 mm. When choosing a profile, however, it is necessary to take into account the larger dimensions



487574

code	the corresponding type of strip
487570	single-colour LED
487575	single-colour LED COB
487571	CCT
487576	CCT COB
487572	RGB
487577	RGB COB
487573	RGBW
487574	RGBCCT

DC power socket with terminal box

- used for example for connection to the round connector of a power supply
- simple connection of the two-core cable without soldering



381175



543615

code	description
381175	female
543615	male



- maximum current: 5 A
- maximum voltage: 50 V

StrongLumio connectors

- Fast and secure connection using standard pliers, without soldering.
- Permanent joint – intended for one-time assembly.
- **Ensure sufficient space in the profile. Connectors for 8 mm strips generally fit into profiles for 10 mm with a clip-on cover (and wider).**
- Do not strip the conductor insulation. Take care to observe correct polarity.
- Suitable for IP20 strips.



Universal connection of strips and cables – 2 PINS

Suitable for all types of single-colour IP20 strips (including COB).



code	description	external dimensions W × H × D	maximum current load
507813	8 mm	9,8 × 5,1 × 10 mm	5 A
507814	10 mm	11,8 × 5,1 × 10 mm	5 A

Strip – cable connectors

code	description	external dimensions W × H × D	maximum current load
543617	5 mm, single-colour COB – 2 pins	6,7 × 5 × 12 mm	5 A
543623	10 mm, CCT – 3 PINS	11,7 × 5 × 12 mm	5 A
543620	10 mm, CCT and RGB COB – 4 pins	11,7 × 5 × 12 mm	3 A
543625	10 mm, RGB – 4 PINS	11,7 × 5 × 12 mm	5 A
543627	12 mm, RGBW – 5 PINS	13,7 × 5 × 12 mm	5 A
543629	12 mm, RGBCCT – 6 PINS	13,7 × 5 × 12 mm	5 A



Strip – strip connectors

code	description	external dimensions W × H × D	maximum current load
543618	5 mm, single-colour COB – 2 pins	6,7 × 5 × 10 mm	5 A
543624	10 mm, CCT – 3 PINS	11,7 × 5 × 10 mm	5 A
543621	10 mm, CCT and RGB COB – 4 pins	11,7 × 5 × 10 mm	3 A
543626	10 mm, RGB – 4 PINS	11,7 × 5 × 10 mm	5 A
543628	12 mm, RGBW – 5 PINS	13,7 × 5 × 10 mm	5 A
543630	12 mm, RGBCCT – 6 PINS	13,7 × 5 × 10 mm	5 A



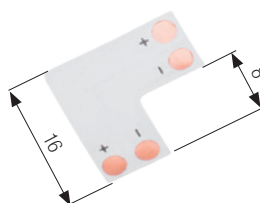
'L'-shaped connection of 2 LED strips

code	description	external dimensions W × H × D	maximum current load
543619	5 mm, single-colour COB – 2 pins	6,5 × 3,5 × 14 mm	5 A
507815	8 mm, single-colour – 2 PINS	9,5 × 3,5 × 17 mm	5 A
507816	10 mm, single-colour – 2 PINS	11,5 × 3,5 × 19 mm	5 A
543622	10 mm, CCT and RGB COB – 4 pins	11,5 × 3,5 × 19 mm	5 A

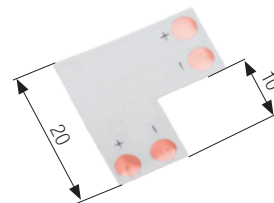


Soldered LED corner connector

code	width of the LED strip
342539	8 mm
342540	10 mm
529953	10 mm RGB (4PIN)



342539



342540



- corner connector is suitable for connecting 2 LED strips at 90° angle
- it is necessary to observe correct polarity

Power supply cables



347904

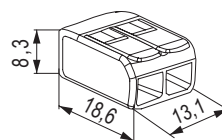


399079

code	description
347904	two-core cable 2 x 0.5 mm ² , 20 AWG, red-black
465852	two-core cable 2 x 0.5 mm ² , 20 AWG, white-red
367822	three-core cable for CCT strips, 3 × 0.35 mm ²
276497	four-core cable for RGB strips, 4 × 0.35 mm ²
399079	five-core cable for RGBW strips, 5 × 0.3 mm ²
489472	six-core cable for RGB CCT strips, 6 × 0.3 mm ²

- colour-coded cables make it easy to connect the tape to the control and to connect the strips to each other
- max. load according to DIN VDE 0100 up to 30°C: 7 A (group 1), 9 A (group 2), 12 A (group 3)
- in order to achieve optimal function, it is recommended to have the power supply as close to the light source as possible; longer cables cause voltage losses and a subsequent drop in luminous intensity, they can also affect nearby electrical appliances
- do not roll the cable into a ball or coil – a risk of interference and overheating

Joining connectors for cables



code	description
316055	splicing connector – 2 poles (Wago)
507264	splicing connector – 3 poles (Wago)

- serves to connect 12 V, 24 V and 230 V conductors – substitution for soldering
- **inputs are connected together**
- solid conductor: 0.2 × 4 mm²
- fine-stranded conductors: 0.14–4 mm²
- rated voltage: 450 V
- 2 interconnected inputs – **for each pole there must be a separate connector**
- with control levers – simple handling



388187

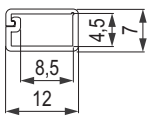


388189

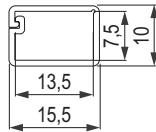
code	description
388187	quick coupling for two-core cable, straight
388189	quick coupling for two-core cable, splitter, type T

- cable diameter 0.32–0.5 mm²
- max. load 5 A

Wiring duct



mini 12 × 7 mm



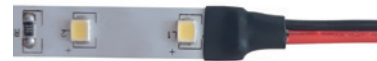
large 15 × 10 mm

- with an adhesive tape
- to cover cables installed in furniture
- material: plastic PVC
- complies with ČSN EN 50085
- degree of flammability B (flammable with difficulty)
- unsuitable for outdoor use

length (m)	mini 12 × 7 mm			large 15 × 10 mm
	white	wood	dark wood	white
2	356974	356975	356976	356977

Shrink tubing

- suitable for insulating the LED strip / supply cable transition
- put on the connection from the cable to the LED strip
- it shrinks when heated
- if a waterproof connection is required, silicone sealant must be applied inside
- sale by the metre from a roll or one metre by pieces



359353

code	description
359353	8.0/4.0 mm, black
359355	10.0/5.0 mm, black

Information about aluminium profiles

Aluminium profiles warrant cooling of LED strips. Inadequate cooling reduces the service life of the LED strip, or damage of the LED strip may occur.

Profile preparation and gluing

For good adhesion of LED strip, profiles must always be thoroughly cleaned and degreased. Some types of surfaces (e.g. powder paints) have lower adhesion, the LED strip can unglue over time. For long-term use, we recommend testing adhesion with the LED strip switched-on (heated). Surface can be easily roughened to increase adhesion.

Absorbing light using different covers

Different types of covers are available for individual aluminium profiles, they differ in light transmittance and type of mounting. Clipping covers are the most convenient for mounting, allowing them to be removed from the profile at any time, without the need for additional space around the profile. Individual covers, thanks to their ability to scatter/absorb light, can reduce the intensity of LED lighting or create a continuous light line without the visibility of individual points. Translucent and transparent covers absorb a minimum of light, the individual diodes of the LED strip are visible. Milk covers partially absorb the light from LED strips. Individual types of covers absorb 20–30% of the light (depending on the respective type). These covers make a more pleasant impression of the LED strip when it is on the front part. Individual LED diodes are not visible on the profiles indicated below, in combination with the appropriate LED strip. To achieve a continuous line of light, the use of COB strip is recommended for all profile types (p. 06.6).

profiles with surface mounting

Surface

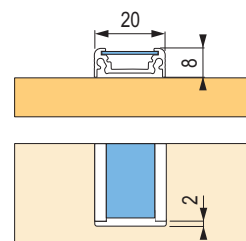
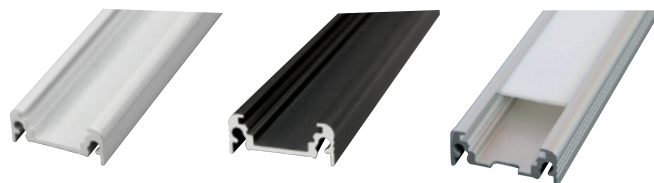
- profile for surface mounting, anodised surface
- fixing with clamps, by gluing or screwing
- massive profile for surface mounting, good heat dissipation

length	profile			slide-in cover		clip-on cover		
	anodised silver	black matt	lacquered white ¹⁾	translucent	milk	translucent	milk	black
1 m	130588	231266	231267	130645	130642	198516	221007	416702
2 m	130589	230903	230904	130646	130643	198517	221008	416707
3 m	244328	275767	285023	x	x	244352	233554	416709
4 m	252277	353541	353540	x	x	252279	269801	416710
20 m	x	x	x	x	x	x	404412	x

¹⁾ please note that it is not possible to use capacitive touch switches for lacquered profiles due to signal insulation



404412 - 20 m



Accessories

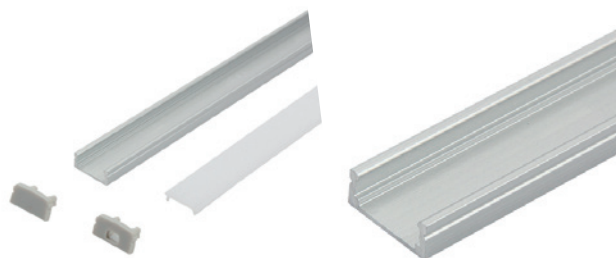
code	description
516767	end pieces for profile – light grey (pair)
516777	end pieces for profile – black (pair)
516778	end pieces for profile – white (pair)
215054	spring clamps (pair)



Arbona

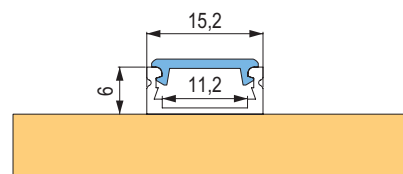
- LED profile with surface mounting, 2 m
- for LED strips width max. 10 mm

length	profile	clip-on cover	
	anodised silver	milk	matt
2 m	405210	405211	405212



Accessories

code	description
405213	end piece for profile (pcs)
405214	metal profile fastening clamp (pcs)

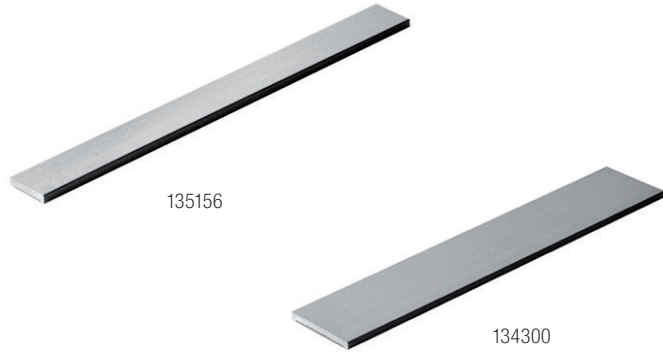


profiles with surface mounting



Flat profile S10/S20

- aluminium strip on which a LED strip can be glued
- unsuitable for high-performance LED strips, does not guarantee adequate heat dissipation
- strip is not provided with adhesive
- use: LTD, LDF, glass, mirror
- thickness: 2 mm



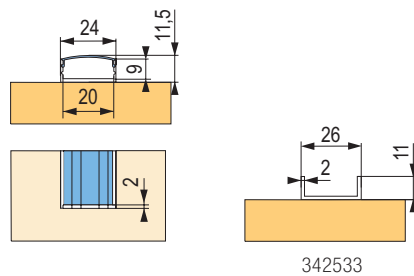
length	width: 10 mm	width: 20 mm
3 m	135156	134300

Fanto

- wide profile with a possibility of positioning multiple rows of strips one next to another (up to 2 pcs)
- good heat dissipation from the LED strip
- snap-on connectors for LED strips with a width of up to 10 mm fit this profile
- LED strip > 210 diodes/m creates a continuous light line

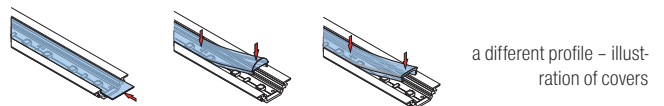


length	profile	clip-on cover	
	anodised silver	milk	matt
2 m	342530	342531	367242



Accessories

code	description
342532	end piece for profile (pcs)
342533	plastic clamp (pcs)



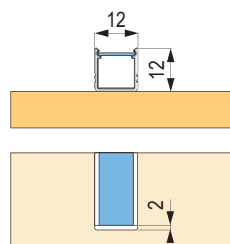
profiles with surface mounting

Smart

- for surface mounting
- when using LED strips with at least 120 diodes/m with a milk cover, the light blends into a continuous line
- cover for top assembly
- fixing by gluing or screwing
- for LED strips with the width of up to 10 mm

length	profile			clip-on cover	
	anodised silver	black matt	lacquered white ¹⁾	translucent	milk
2 m	285048	285050	285049	215848	215846
3 m	285051	x	x	285031	x

1) please note that it is not possible to use capacitive touch switches for lacquered profiles due to signal insulation



Accessories

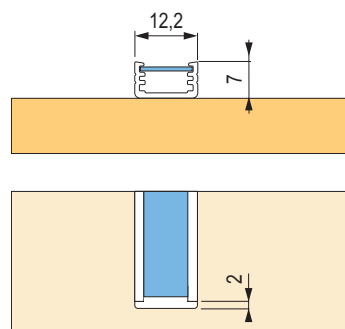
code	description
285056	end pieces for profile – light grey (pair)
285058	end pieces for profile – black (pair)
285057	end pieces for profile – white (pair)

code	description
230862	stainless steel spring clamps
285060	black spring clamps
285059	white spring clamps

Slim

- profile for surface mounting, anodised surface
- slide-in covers only
- narrow subtle profile for minimalist applications
- **only for LED strips up to 8 mm width**
- fixing with clamps, by gluing or screwing

length	profile			slide-in cover	
	anodised silver	black matt	lacquered white	translucent	milk
2 m	215826	285028	285027	215848	215846
3 m	285029	x	x	285031	x



Accessories

code	description
215852	end pieces for profile – light grey (pair)
285033	end pieces for profile – black (pair)
285032	end pieces for profile – white (pair)
230862	stainless steel spring clamps
285060	black spring clamps
285059	white spring clamps



profiles with surface mounting



Begton

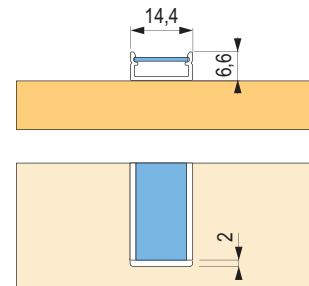
- profile for surface mounting
- cover for top assembly
- fixing by gluing or screwing
- for LED strips with the width of up to 12 mm



length	profile			slide-in cover		clip-on cover		
	anodised silver	black matt	lacquered white	translucent	milk	translucent	milk	black
2 m	285041	285043	285042	285053	285052	198517	221008	416707
3 m	285044	539662	×	285055	×	244352	233554	416709
4 m	473446	539663	×	×	×	252279	269801	416710

Accessories

code	description
285045	end pieces for slide-in covers – light grey (pair)
285047	end pieces for slide-in covers – black (pair)
285046	end pieces for slide-in covers – white (pair)
405277	end pieces for clipping cover caps – round, grey (pair)
405279	end pieces for clipping cover caps – round, black (pair)
405278	end pieces for clipping cover caps – round, white (pair)



ARC 12

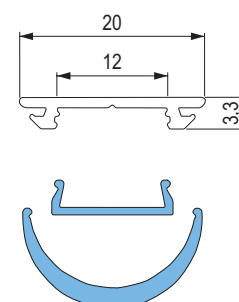
- simple profile for surface mounting
- it can be bent with a radius of max. 500 mm
- combined with a half-round cover and LED strip > 210 diodes/m, it creates a continuous light line



length	profile	clipping cover cap		
	raw aluminium	half-round milk cover	translucent	milk
2 m	343063	255931	198517	221008

Accessories

code	description
343064	end pieces for profile – half-round (pair)
354319	end pieces for profile – flat (pair)

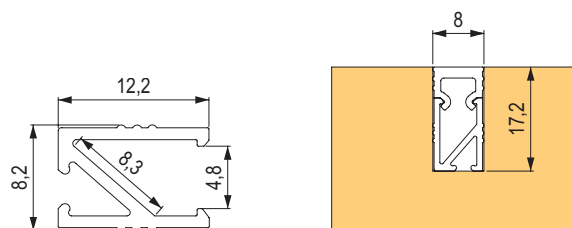
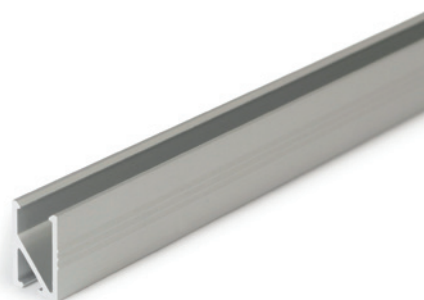


profiles for milling-in

HI8

- decorative lighting
- suitable for edges of worktops, stairs, etc.
- is flush with the edge of the worktop
- maximum width of LED strip: 8 mm

length	profile	
	anodised aluminium	clip-on cover
2 m	405259	405262
3 m	405260	405263



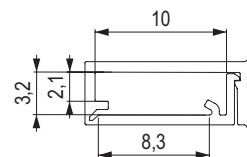
Accessories

code	end pieces for profile (pair)
405265	end pieces for HI8, grey (pair)
405266	end pieces for HI8, milk (pair)

Slash 8

- open plastic profile – easy LED strip installation
- installation in a small milling size: 5 × 14 mm
- possibility of installation into an arch (minimum bending radius: 25 cm)
- when lit, it forms a continuous line when using LED strip with 120 diodes/m
- LED strip width: 8 mm
- we recommend LED strips with a maximum power of 10 W/m

length	profile	
	milk	
2 m	405269	
3 m	405270	

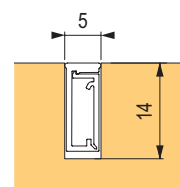


Accessories

code	end pieces for profile (pair)
405267	end pieces for Slash 8, milk (pair)



405267

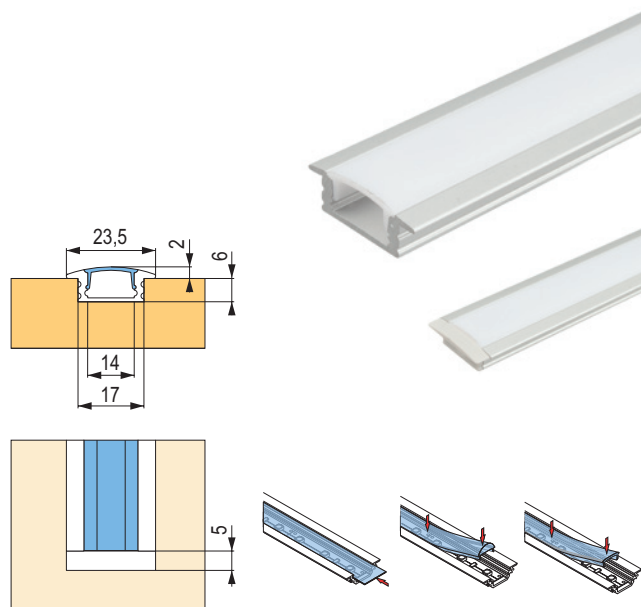


profiles for milling-in

Ormio

- massive profile for milling-in
- good heat dissipation from the LED strip
- fixing by gluing or screwing
- LED strip > 210 diodes/m creates a continuous light line

length	profile		clip-on cover	
	anodised silver	milk	translucent	
2 m	342521	342522	367241	



Accessories

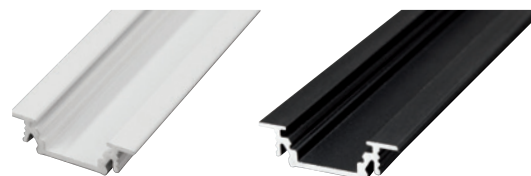
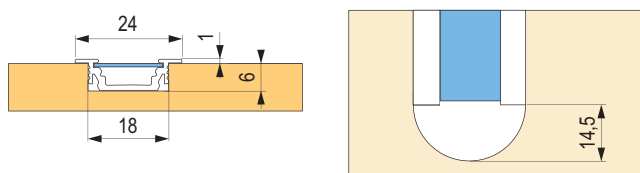
code	description
342523	end pieces for profile (pcs)

Groove

- massive profile for milling-in, good heat dissipation
- fixing with clamps, by gluing or screwing

length	profile			slide-in cover		clip-on cover		
	anodised silver	black matt	lacquered white ¹⁾	translucent	milk	translucent	milk	black
1 m	130633	231268	231269	130645	130642	198516	221007	416702
2 m	130634	230905	230906	130646	130643	198517	221008	416707
3 m	233553	277173	285024	x	x	244352	233554	416709
4 m	269800	353543	353542	x	x	252279	269801	416710
20 m	x	x	x	x	x	x	404412	x

¹⁾ please note that it is not possible to use capacitive touch switches for lacquered profiles due to signal insulation



Accessories

	grey	black	white
end pieces - round (pair)	516780	516780	516781
end pieces - straight (pair)	472101	471886	499423
spring clamps (pair)	215054		



profiles for milling-in

Begtin

- profile for milling-in
- cover for top assembly
- fixing by gluing or screwing
- for LED strips with the width of up to 12 mm

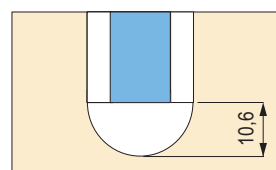
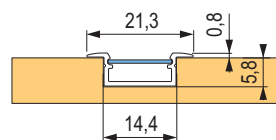


length	profile			slide-in cover	
	anodised silver	black matt	lacquered white ¹⁾	translucent	milk
2 m	285034	285036	285035	285053	285052
3 m	285037	537692	x	285055	x

¹⁾ please note that it is not possible to use capacitive touch switches for lacquered profiles due to signal insulation

Accessories

code	description
285038	end pieces for profile – light grey (pair)
285040	end pieces for profile – black (pair)
285039	end pieces for profile – white (pair)



Diagonal14

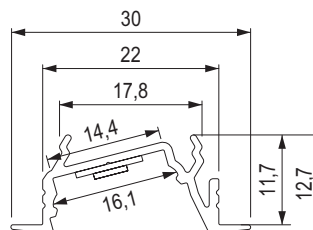
- profile for milling-in
- reduces the glare effect
- for LED strips with the width of up to 14 mm



length	profile			cover strip		
	white	black	anodised aluminium / elox	milk	translucent	black
2 m	461836	461812	461786	408366	408365	461859
3 m	461843	461818	461787	461863	461860	461874
4 m	461844	461824	461789	461887	461886	461888

Accessories

code	description
462171	diagonal, white, plastic
462159	diagonal, black, plastic
462099	diagonal, grey, plastic
462078	spring front panel brace



profiles for milling-in

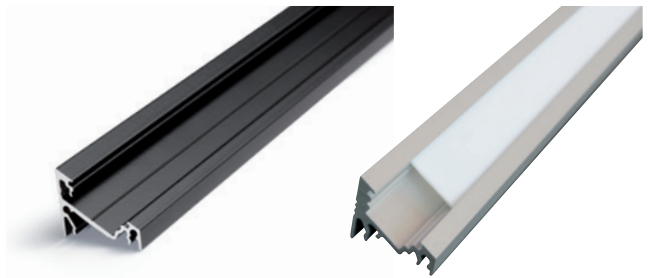
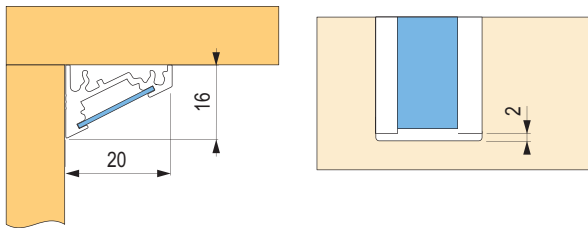


Corner

- profile for surface mounting, corner design
- angle of light: 30°/60°, depending on positioning
- if a touch switch/dimmer is used, the profile must be insulated from a direct contact with the wall (by applying insulating tape etc.) due to possible interference with the function of the switch
- fixing with clamps, by gluing or screwing

length	profile			slide-in cover		clip-on cover		
	anodised silver	black matt	lacquered white ¹⁾	translucent	milk	translucent	milk	black
1 m	130636	231270	231271	130645	130642	198516	221007	416702
2 m	130637	230907	230908	130646	130643	198517	221008	416707
3 m	244329	285025	285026	x	x	244352	233554	416709
4 m	252278	353539	353538	x	x	252279	269801	416710
20 m	x	x	x	x	x	x	404412	x

¹⁾ please note that it is not possible to use capacitive touch switches for lacquered profiles due to signal insulation



Accessories

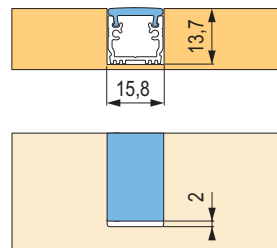
	grey	black	white
end pieces for profile (pair)	516791	517342	517412
spring clamps (pair)		215054	



Floor

- highly resistant profile with a massive cover, suitable for embedding, walkable
- when using waterproof silicone, it can be used both indoors and outdoors
- combined with a LED strip > 120 diodes/m, it creates a continuous light line

length	profile	clip-on cover
	anodised silver	milk
2 m	285070	285071



Accessories

code	description
285072	end pieces for profile – grey (pair)



profiles with corner mounting

Belcore

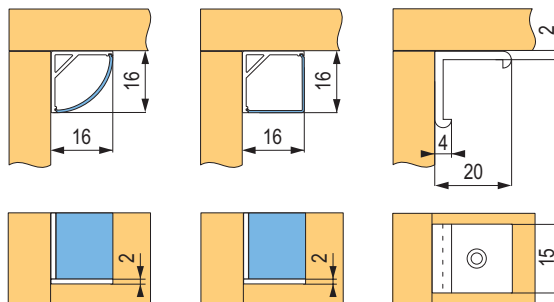
- profile for surface mounting
- corner design
- angle of light: 45°
- square/round cover
- fixing with clips, by gluing or screwing
- combined with a LED strip > 210 diodes/m, it creates a continuous light line

Tips for use:

- kitchens
- stairs
- wardrobes
- floor lighting (instead of the end profile)

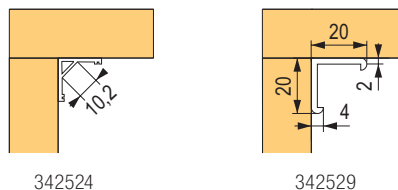


length	profile		clip-on cover	
	anodised silver	square milk	round milk	round translucent
2 m	342524	342525	342526	367249



Accessories

code	description
342527	end pieces for profile – square (pcs)
342528	end pieces for profile – round (pcs)
342529	plastic clamp (pcs)



Cabi

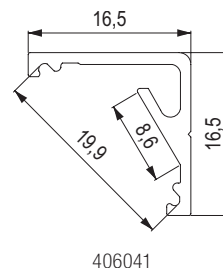
- corner profile with a large dispersion area
- 30°/60° angle of light enables to direct the lighting as needed
- cover for top assembly
- fixing by gluing or screwing
- combined with a LED strip > 210 diodes/m, it creates a continuous light line

length	profile		clip-on cover
	anodised silver	translucent	milk
2 m	406041	285083	285084



Accessories

code	description
285085	end pieces for profile – grey (pair)

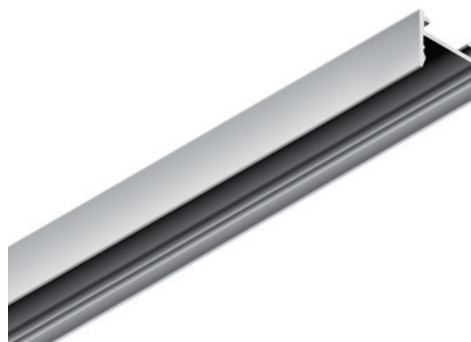


special profiles

Maglyte-10

- surface-mount profile with magnetic fixing
- option of suspended installation
- easy assembly, versatile use
- for LED strip width up to 10 mm

length	profile		clip-on cover	
	anodised silver	black anodised	milk	black
2 m	550642	550643	550762	550763
3 m	550644	550645	550766	550767



Accessories

	grey	black
end pieces	552687	552688
suspension wire	551046	551047
suspension bracket	551050	×
magnetic set	551045	×
straight connector	551048	×
corner connector	551049	×



- a hole can be drilled in the end caps, or the profile can be drilled through and the cable routed beneath it

Maglyte-10 Angular

- corner-mount profile with magnetic fixing
- option of suspended installation
- easy assembly, versatile use
- for LED strip width up to 10 mm

length	profile		clip-on cover	
	anodised silver	black anodised	milk	black
2 m	550648	550759	550964	550965
3 m	550760	550761	551030	551031



Accessories

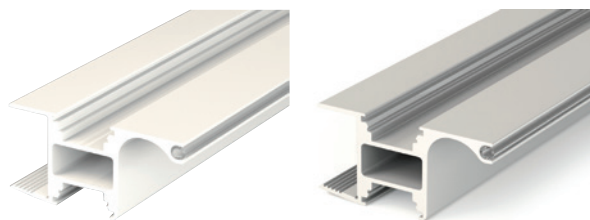
	grey	black
end pieces	552689	552690
suspension wire	551046	551047
suspension bracket	551050	×
magnetic set	551045	×
straight connector	551048	×
corner connector	551049	×



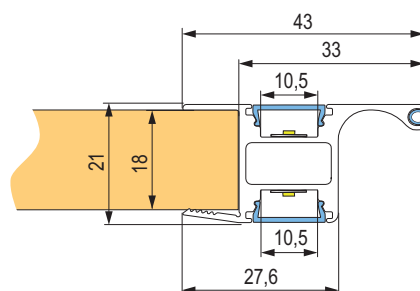
- a hole can be drilled in the end caps, or the profile can be drilled through and the cable routed beneath it

Lucera

- drive-in profile on the front edge of the board
- possibility to positioning the LED strips up/down
- front edge of the profile is equipped with a resilient backstop
- the profile can also be used for handleless kitchens



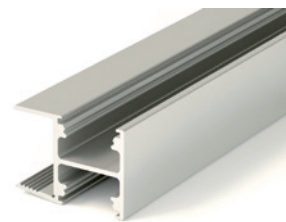
length	profile		clip-on cover	
	anodised silver	lacquered white ¹⁾	translucent	milk
2 m	359333	359334	198517	221008
4 m	359426	359427	252279	269801



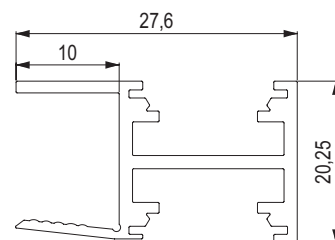
! ¹⁾ please note that it is not possible to use capacitive touch switches for lacquered profiles due to signal insulation

Lucas

- drive-in profile on the front edge of the board
- possibility to positioning the LED strips up/down
- suitable for doors with handles

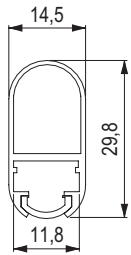


length	profile			clip-on cover		
	anodised aluminium	lacquered white	anodised black	translucent	milk	black
2 m	405271	405272	405273	198517	221008	416707
4 m	467080	467088	467079	252279	269801	416709



Rail

- wardrobe rail, oval, 15 × 30 mm
- allows installation of LED strip to lighting the wardrobe
- ☑ for fixing, we recommend using wardrobe rail brackets, see catalogue p. 05.70



length	profile	clip-on cover
		anodised silver
2 m	405280	405281

Double-sided adhesive tape

- for easy and quick installation of LED profiles without drilling and screwing
- it is not necessary to glue the entire length
- Adhesion 55 N/25 mm
- safe working temperature -10/+75°C

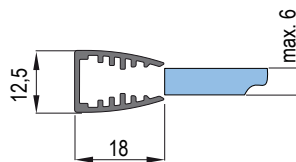


code	description
467484	width: 12 mm, length: 5 m
471803	width: 12 mm, length: 25 m

Mikro 10

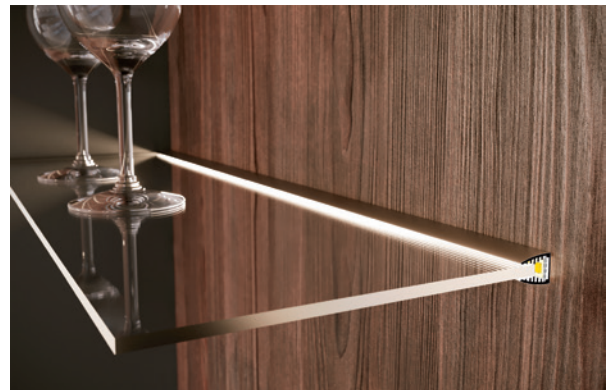
Profile for installation in glass shelves

- max glass thickness 6 mm
- recommended for LED strips up to 8 mm in width
- end caps take up 5 mm of LED strip on each side
- LED strip adhesive insert included in the packaging



length	profile
2 m	222577

code	description
230845	end caps (pair)



Mirrors with LED backlight

- We can also supply mirrors with LED backlighting on demand.
- For current design options, please visit the producer website at www.cordia.pl/lustra.
- Enquiries are dealt with individually by phone or email.



explanations of pictograms

Protection classes (insulation)

class	symbol	description
0	×	Protection against electric shock is based on basic insulation.
I		Protection against electric shock is based on and secured by the connection of non-live parts to a protective conductor.
II		Devices in protection class II do not contain means for connecting to a protective conductor, such devices are equipped with additional or strengthened insulation.
III		Class III protection against electric shock is based on safe and low-voltage power supply.

Protection against flare-up

symbol	description
×	Designed for assembly on non-flammable surfaces (stone, concrete).
	Designed for mounting on normally combustible surfaces (furniture). Material flash point greater than 200°C.
	Designed for installation on easily flammable surfaces. The flash point is less than 200°C.

IP – protection levels against penetration of solid objects and water

the first number refers to the protection level against mechanical objects, the second refers to the level of protection against water



IP	description
0	without protection
1	protection against objects larger than 50 mm
2	protection against objects larger than 12 mm
3	protection against objects larger than 2.5 mm
4	protection against objects larger than 1 mm
5	protection against dust
6	dust-proof

IP	description
0	without protection
1	protection against dripping water
2	protection against dripping water at 15° inclination
3	protection against sprayed water
4	protection against splashing water
5	protection against gushing water
6	protection against intense gushing water
7	protection against effects of temporary immersion in water
8	protection against effects of permanent immersion in water

Power supply

pictogram	description
	DC voltage 12 V
	DC voltage 24 V
	AC voltage 220–240 V, 50 Hz

Types of connectors

pictogram	description
	for correct operation, components with the same connector type and the same supply voltage must be used

Other properties

pictogram	description
	for internal use
	minimum distance from the object of lighting
	cable length

pictogram	description
	equipped with a switch
	dimming function
	service life

StrongPower – pop-up and pull-out sockets

Explanation of icons



Option FR with pin



Option SCHUKO



HDMI connector



USB-A connector



USB-C connector



USB MICRO A connector



USB MICRO B connector



RJ 45 (CAT 6) connector



VGA connector



Audio connector



Wireless charger
of rated power



Opening system
– push and self-extension



Opening system
– push and manual pull out



Power cable



Data cable



HDMI cable

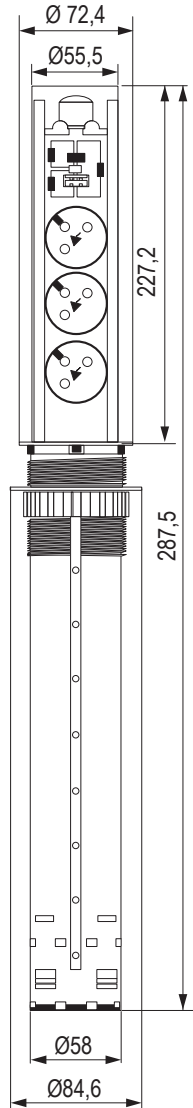


Protection rating

StrongPower – pop-up and pull-out sockets

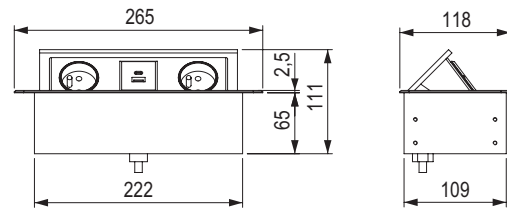
Pull-out electrical socket

- automatic opening and closing with a single touch
- can be stopped in any position
- direction of movement can be changed by a long touch
- anti-collision system for protection of connected cables
- also suitable for installation in an overhead cabinet facing downwards
- mounting hole diameter 60 mm
- USB A+C 30 W
- 2 m feed cable 3 × 1.5 mm² with mains plug
- black, plastic

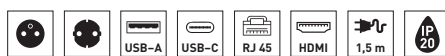


Pop-up electrical socket

- mounting hole 225 × 111 mm
- for a maximum material thickness of 36 mm
- USB A/C, 5 V/3.6 A, max. 18 W



code	description	colour	option
353327	3× 230 V	silver	with earthing pin
405247		black	
405226	2× 230 V, 1× USB A/C charging	silver	
405228		black	
353328	3× 230 V	silver	Schuko
405248		black	
405245	2× 230 V, 1× USB A/C charging	silver	
405246		black	



code	colour	description	design
547453	black	3×230 V	French
547454		USB A+C 30 W	Schuko

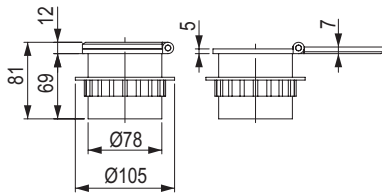


StrongPower – pop-up and pull-out sockets



Electrical socket with cap

- mounting hole diameter 80 mm
- included HDMI keystone, which can be easily replaced by RJ45 (CAT 6)
- USB A / C, 5 V / 2 A, max. 10 W
- wireless charging – only when open



code	description	colour	option
403252	1 × 230 V, 1 × USB A/C, 1 × RJ45, wireless charger	black	with earthing pin
406457			Schuko



Pull-out electrical socket

- mounting hole diameter 120 mm
- USB A, 5 V/2.4 A, max. 12 W
- 5 W wireless charging
- RJ 45 (CAT6)



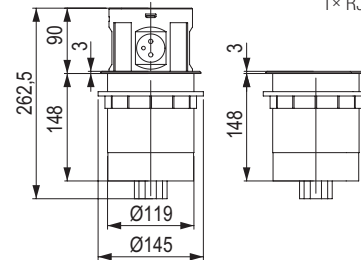
1 × HDMI



USB A/C



1 × RJ45



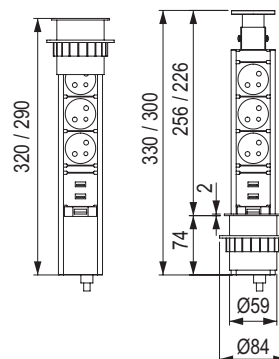
code	description	colour	option
508881	4 × 230 V, 1 × RJ45, USB A/C, 1 × HDMI, wireless charger	black	with earthing pin
508880			Schuko



Slide-out electrical socket

- mounting hole diameter 60 mm
- USB A/C, max. 30 W

code	description	colour	option
501466	3 × 230 V	black	with earthing pin
547459	3 × 230 V, 1 × USB A / C		Schuko
501467	3 × 230 V		
547460	3 × 230 V, 1 × USB A / C		

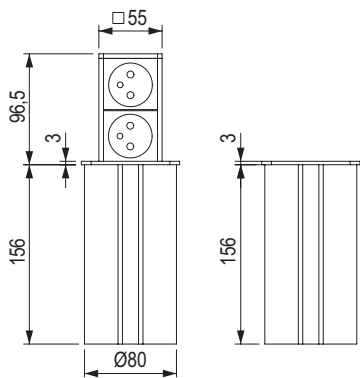




StrongPower – pop-up and pull-out sockets

PowerUp socket

- mounting hole diameter 80 mm
- USB A/C, 5–12 V, max. 20 W

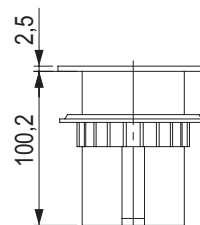


code	description	colour	option
477461	2× 230 V	stainless steel	with earthing pin
477462		black	
477463		white	
477467	1× 230 V, 1× USB A / C	stainless steel	Schuko
477468		black	
477469		white	
477464	2× 230 V	stainless steel	Schuko
477465		black	
477470	1× 230 V, 1× USB A / C	stainless steel	Schuko



PowerUp charger

- including power adapter
- mounting hole diameter 60 mm
- USB A/C, 5–12 V, max. 24 W
- 15 W wireless charging



code	description	colour
547462	wireless, 1× USB A/C charger	black

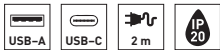


Round recessed electrical socket/USB charger

- mounting hole diameter 55 mm
- 2 m power cable with mains plug
- **USB A+C charging 45 W**



code	description	colour	depth	design
547456	1× 230 V	black	62 mm	French
547457			62 mm	Schuko
547455	USB A+C 45 W		72 mm	USB charging

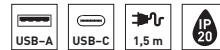


USB charger 2 A+C 20 W

- mounting hole diameter 45 mm
- **installation depth 22 mm**
- 2× USB A + 1× USB C 20 W
- including mains adapter

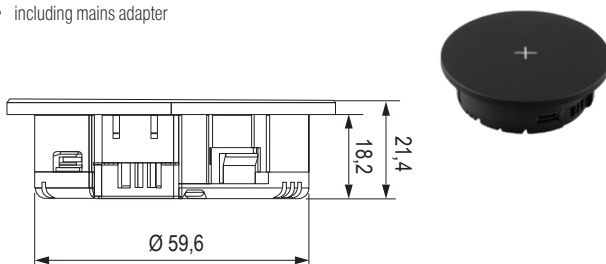


code	description	colour	design
547461	USB 2 A+C 20 W	black	USB charging



StrongPower – wireless charger

- mounting hole diameter 60 mm
- **option of flush installation, depth 21.4 mm**
- 15 W wireless charging
- concealed USB C output on the underside for powering additional devices
- including mains adapter



code	description	colour
547458	15 W wireless charging	black



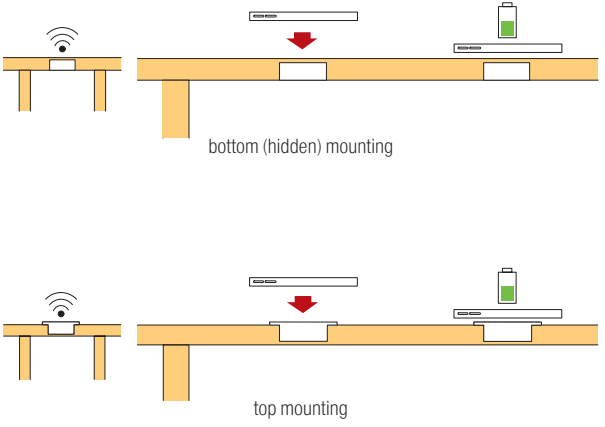
StrongPower – wireless charger

Qi wireless charger

- mounting hole diameter 80 mm
- 15 W wireless charging
- Qi certification standard
- **top and bottom (hidden) mounting**
- for hidden mounting, the recommended thickness of the material in the milled hole above the charger is 3 mm

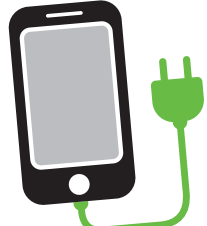


code	description
397998	Qi wireless charger



Wireless charging

You may not know this, but the famous inventor Nikola Tesla was ahead of his time in many ways and was able to light a light bulb several metres away without the use of wires. The trend today is wireless charging based on the simple principle of electromagnetic induction. Qi wireless chargers try to offer comparable efficiency to conventional wired ones, but there are still some losses. It depends on the distance of the device and whether the device is in a cover or a case.



Wireless charger

- 7,5-15 W | 1-4 h¹⁾

Standard charger

- 5 W / 1 A | 3 h¹⁾
- 10 W / 2 A | 2 h¹⁾
- 18 W / 3 A | 45 min¹⁾

¹⁾ according to the device type and battery capacity

ADVANTAGES

- + There is no contact between connectors, reducing the risk of electrical faults such as short circuits.
- + Connecting and disconnecting devices is eliminated and the connecting cable is not subject to wear and tear.
- + Convenient charging – just place the device on the pad.
- + You don't get any charging cables mixed up.
- + Concealed charger mounting.

DISADVANTAGES

- Slower charging – due to lower efficiency, the device takes longer to charge compared to wired charging.
- Compatibility – not all devices are compatible with different induction chargers.

Order items for delivery from 1 pc, usually within 4 weeks
 Standard items available in French version (with earthing pin) in black
 Have you not found a specific model, or do you need advice on a project?
 Do not hesitate to contact us
 2 m power cable 3 × 1.5 mm² with mains plug

UnderDesk

- simple connection point for fixing under a worktop or elsewhere using screws
- option of connecting several sockets in series using a GST18 cable



code	description
543707	2× 230 V, switch, GST18 connection
543708	2× 230 V, USB A+C
543709	3× 230 V, switch
543710	3× 230 V, USB A+C
543711	5× 230 V

Iris

- closable by rotating the edge
- mounting hole diameter 80 mm



code	description
543719	1× 230 V
543720	USB A+C
543721	cable exit

DeskUp

- installation under or on the worktop, without the need for drilling
- metal body and stand



code	description
543703	2× 230 V, USB A+C
543704	3× 230 V, USB A+C
543705	2× 230 V, USB A+C, RJ45
543706	3× 230 V, HDMI, USB A+C+keystone

SourceCover

- metal body and lid
- mounting hole diameter 80 mm
- many connection and connector options in a compact form
- version without lid also available on request



code	description
543722	1× 230 V + 2× USB A charging 5 V, 2.4 A, 12 W + USB 3.0 A/A connection + 2× RJ45
543723	1× 230 V + 2× USB A charging 5 V, 2.4 A, 12 W
543724	1× 230 V + 2× USB A charging 5 V, 2.4 A, 12 W + 2× RJ45

FlipUp

- metal body and flip-up lid
- Push to Open
- cable gap without brush insert



code	description
543712	3× 230 V
543713	2× 230 V + USB A+C charging 20 W QC 3.0
543714	3× 230 V + USB A+C charging 20 W QC 3.0
543715	2× 230 V + charging USB A+C 20 W QC 3.0 + HDMI + RJ45

SlimCover

- metal body and lid
- depth: 40 mm
- version without lid also available on request



code	description
543725	2× 230 V
543726	2× 230 V + USB A+C charging 20 W QC 3.0
543727	2× 230 V + charging USB A+C 20 W QC 3.0 + HDMI + RJ45

WingsPremium

- double opening lid with one or two socket modules inside
- when closed, a gap remains in the centre for cable passage



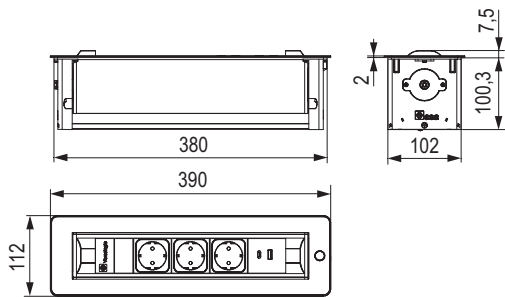
code	description
543716	3× 230 V + USB A/A+C 3.0 connection + HDMI + RJ45 + grommet
543717	3× 230 V + charging USB A+C 20 W QC 3.0 + HDMI + RJ45
543718	5× 230 V + USB A/A+C/C 3.0 connection + 2× RJ45 + VGA + 3PIN XLR + grommet

rotary socket and USB chargers

VersaTurn 3.0

Design system of hidden sockets. By touching the sensor button, the socket is rotated 180° by a silent servo motor and is ready for use. Pressing the button again closes it.

- quiet and smooth run of the servo motor
- laser protection against accidental closure
- mounting hole 381 × 103 mm
- USB A / C, 5 V / 3.6 A, max. 18 W



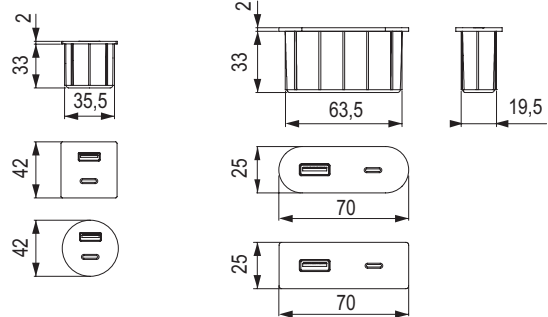
white glass	black glass	description
468925	468927	2× 230 V, 1× USB A / C, 1× RJ 45, 1× HDMI
468926	468929	3× 230 V, 1× USB A / C

- French socket – with earthing pin.
- Schuko variants also available to order.

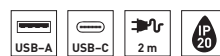


VersaPick USB chargers

- mounting hole:
 - square/circle \varnothing 35 mm
 - oval/rectangle 63 × 19 mm
- supplied with power supply transformer
- can be installed in the edge of the tabletop
- material – zamak
- USB A / C, 5 V / 3.6 A, max. 18 W



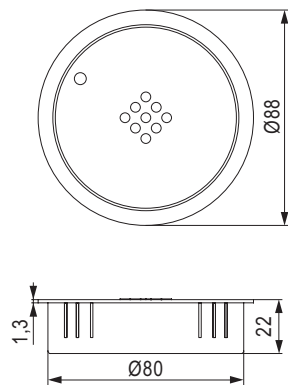
code	shape	colour
468933	square	black matt
468936	ring	stainless steel
468937		white matt RAL 9003
468938		black matt
468942	oval	black matt
468948	rectangle	black matt



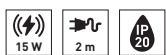
wireless chargers and extension sockets

VersaCharger

- mounting hole diameter 80 mm
- wireless charger with Qi technology
- the start of charging is signalled by a sound signal and the charging state by a blue LED light
- non-slip design

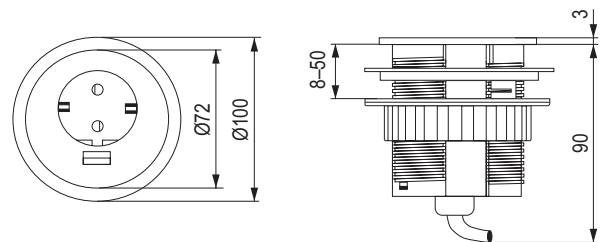


code	colour
311963	black / black polished
311965	white matt / polished white



Versa Tag

- mounting hole diameter: 60/80 mm
- distance ring for hole diameter 80 mm included
- 1× USB A, 5–20 V, max. 30 W
- material: plastic



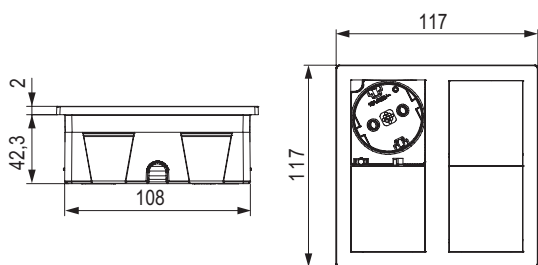
code	colour	option
548790	white	with earthing pin
548791	black	
548792	white	Schuko
548793	black	



sockets with sliding cover

VersaHit - Dual

- sockets are opened by pressing and sliding the cover cap
- mounting hole: 108 × 108 mm
- low installation depth: 40 mm

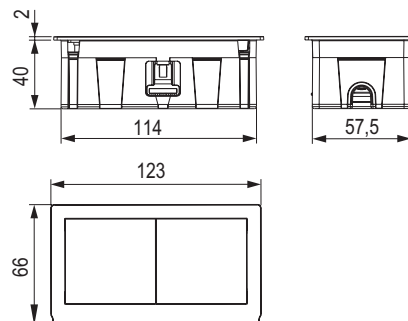


code	description	colour	option
311937	2 × 230 V	white RAL9003	with earthing pin
311938		black	
311931		brushed aluminium	
318123	2 × 230 V	black	Schuko
314930		brushed aluminium	



VersaHit - Mono

- sockets are opened by pressing and sliding the cover cap
- mounting hole: 115 × 58 mm
- low installation depth: 40 mm



code	description	colour	option
311953	1 × 230 V	white RAL9003	with earthing pin
311954		black	
311947		brushed aluminium	
318125		black	Schuko



socket housings with flip cover

Versa Flap 2.0

- system combining a ready-made set of cable exit and socket unit assembly
- visible part – aluminium cable exit
- simple installation

VersaFlap 2.0 Mono

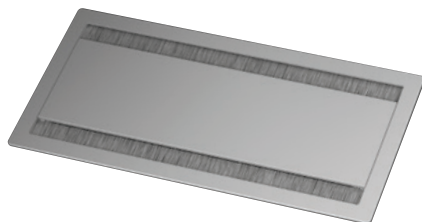


Option with cable exit opening on one side

code	mounting hole (-0/+0.5 mm)	description	colour
497038	251,5 × 140,5	2 × 230 V	black
497049	304,5 × 140,5	3 × 230 V, 2 × RJ45, 1 × HDMI, USB A/C charging, 1 × USB A data	silver
497050			black

- must be supplemented with a supply cable
- USB A / max 30 W
- RJ45 (CAT 6)

VersaFlap 2.0 Dual



Option with cable exit opening on both sides

code	mounting hole (-0/+0.5 mm)	description	colour
497059	304,5 × 140,5	3 × 230 V, 2 × RJ45, 1 × HDMI, USB A/C charging, 1 × USB A data	silver
497060			black

VersaTek

- all electrical sockets are of type E (FR), other types on demand, data sockets – cat. 6
- mounting clips for fixing the socket to the substrate are included in the packaging
- supply cable is not included in VersaTek system



code	description	colour of sides
449937	4 × 230 V	black
190411	3 × 230 V, 2 × data RJ45	silver

Feed and interconnecting cables for Versa Flap 2.0 and VersaTek

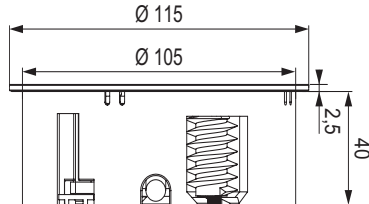


code	description
267509	power supply, 2 m
259727	power supply, 3 m
267476	connecting, 2 m

sockets with rotary cover

Twist

- very low installation depth (about 40 mm)
- mounting hole diameter 105 mm
- USB A 6 V/3.16 A, max. 19 W



code	Bachmann code	description	colour	option
245795	931.002	2× 230 V	stainless steel	with earthing pin
374149	931.152		black matt	
374151	931.252		white	
288735	931.000	2× 230 V	stainless steel	Schuko
479505	931.150		black matt	



Twist 2

- automatic opening of the sockets after pressing the centre button
- mounting hole diameter 105 mm
- installation depth approx. 40 mm, for worktop thick-ness 6–40 mm
- anti-fingerprint surface, replaceable top cover
- USB A/C, max. 22 W

code	Bachmann code	shape	description	colour	option
489707	946.002	ring	2× 230 V	stainless steel	with earthing pin
489709	946.006		1× 230 V, 1× USB A / C		
489711	946.102		2× 230 V	black	
489713	946.106		1× 230 V, 1× USB A / C		
489719	946.003	square	2× 230 V	stainless steel	
489721	946.007		1× 230 V, 1× USB A / C		
489723	946.103		2× 230 V	black	
489725	946.107		1× 230 V, 1× USB A / C		
489706	946.000	ring	2× 230 V	stainless steel	Schuko
489708	946.004		1× 230 V, 1× USB A / C		
489710	946.100		2× 230 V	black	
489712	946.104		1× 230 V, 1× USB A / C		
489718	946.001	square	2× 230 V	stainless steel	
489720	946.005		1× 230 V, 1× USB A / C		
489722	946.101		2× 230 V	black	
489724	946.105		1× 230 V, 1× USB A / C		

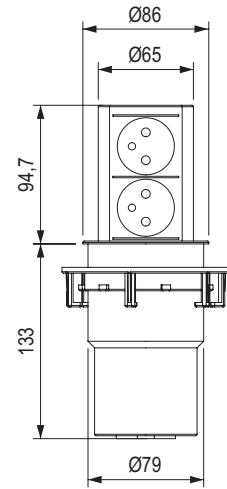


Elevator

- unit pops up by simple pressing
- mounting hole diameter 80 mm
- for worktops thickness 16 to 60 mm
- USB A/A 5.2 V/3.15 A, max. 15 W
- can be assembled in the bottom of the top cabinet - top-down extension



245796



code	supplier code	description	colour	option
245796	928.007	2× 230 V	brushed stainless steel	with earthing pin
499630	928.0501		black matt	
288736	928.002	2× 230 V	brushed stainless steel	Schuko
499631	928.024		black matt	



Elevator 2

New generation of the popular pull-out model enhanced with:

- gas extractor for smooth and continuous operation
- powerful 45 W charging via USB-C
- degree of protection IP44 - protected against water splashing
- wireless charging using a combination of Qi2 + MPP (Magnetic Power Profile)
- for ensuring the ideal phone position and maximum charging efficiency
- 2 opening stages - 5 mm for raising the wireless charger
- second press extends to full height
- mounting hole diameter 80 mm
- installation depth 180 mm

code	description	colour	option
549292	2 × 230 V	silver	with earthing pin
549288		black matt	
549294	1 × 230 V, 2 × USB C	silver	
549290		black matt	
549297	1 × 230 V, 1 x USB C + wireless charging	black matt	Schuko
549293	2 × 230 V	silver	
549289		black matt	
549295	1 × 230 V, 2 × USB C	silver	
549291		black matt	
549299	1 × 230 V, 1 × USB C + wireless charging	black matt	



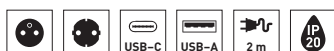
static connection points

Casia 2

- second generation in a modern design
- short variant (3 positions) or long (4 positions)
- long variant offers an extendable section for length adjustment and a roller shutter to cover the sockets
- power strip designed for corners – horizontally or vertically
- optional USB A/C 22 W



code	supplier code	description	colour	option
505398	932.105	4 × 230 V	black RAL9005	with earthing pin
536208	932.101	3 × 230 V		
536213	932.107	3 × 230 V + USB A/C		
536209	932.103	2 × 230 V + USB A/C		
536215	932.005	4 × 230 V	stainless steel imitation	
536204	932.001	3 × 230 V		
536216	932.007	3 × 230 V + USB A/C		
536205	932.003	2 × 230 V + USB A/C		
536211	932.104	4 × 230 V	black RAL9005	Schuko
536207	932.100	3 × 230 V		
536212	932.106	3 × 230 V + USB A/C		
536210	932.102	2 × 230 V + USB A/C		
536214	932.004	4 × 230 V	stainless steel imitation	
536203	932.000	3 × 230 V		
536217	932.006	3 × 230 V + USB A/C		
536206	932.002	2 × 230 V + USB A/C		

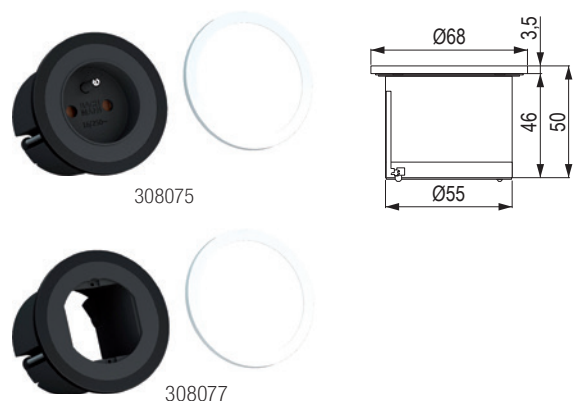


PIX

code	code Bachmann	description
308075	926.002	PIX unit, 1 × 230 V, without cable
308076	926.003	PIX unit, 1 × 230 V, including 2 m supply cable
308077 ¹⁾	926.010	user module for keystone rim
516250	926.303	PIX unit, 1 × 230 V, 2 m cable, white

- a black decorative ring similar to RAL 9005 is included
- white decorative ring similar to RAL 9010 enclosed
- mounting hole diameter 55 mm
- low installation depth (50 mm)

¹⁾ module 308077 is fitted with a spacer frame and keystone



Accessories for PIX

code	code Bachmann	description
335534	926.100	swivel cover, stainless steel
308078	926.101	cover set black, similar to RAL 9005
308079	926.102	cover set white, similar to RAL 9010
308080	926.200	set of coloured Pix rings

Accessories for PIX and modular assemblies

Spacer frames for keystone

- plastic custom modules, for insertion into an available socket unit position
- assembly using the supplied screws
- fitted with a keystone according to individual needs

code	code Bachmann	description
259721	917.001	for 1 × keystone
259724	917.000	for 2 × keystone
267046	917.009	end cap



259721



259724



267046

Keystone with spacer frame

- inserts into a free module of the socket unit
- USB charger 335373 and 412406 must be supplemented with multiplier GST18i, code 364557 (Bachmann 375.107)

code	code Bachmann	description
412406	917.227	USB A/C charger, 22 W
273664	917.032	cable exit
364557	375.107	multiplier GST18i



412406



273664



364557

Keystone

- inserted into the plastic custom module
- assembly by snapping on

code	code Bachmann	description
259725	940.083	RJ45 Cat6 A
343794	918.041	HDMI
267374	917.120	USB 3.0 AA interconnect
394661	917.121	USB C 3.1 interconnect



259725



343794



267374



394661

Cables

code	code Bachmann	description
267509	375.075	power supply, 2 m
259727	375.003	power supply, 3 m
267476	375.038	connecting, 2 m



pop-up sockets

Unique safety electrical socket Surface

- higher security - impeded access to live cables
 - cleanliness - simpler cleaning and maintenance
 - hygiene - plastic parts are made of antibacterial plastic with silver ions
- Note: only applies to type E socket (french type with pin).

Pop-Up, simple

- mounting hole: 107 × 129 mm
 - built-in depth: approx. 75 mm
 - flat surface socket
 - finished sets ready for connection to the mains
- RJ 45 - type 6
 - USB A / C, 5 V, 3 A, max. 15 W

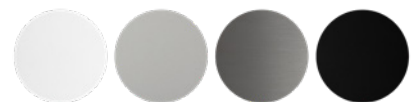


code	name	colour	option
492629	2 × 230 V	brushed aluminium	with earthing pin
492630		aluminium	
492632		black matt	
492633		white matt	
492636	1 × 230 V, 1 × USB A / C	brushed aluminium	
492638		aluminium	
492640	1 × 230 V, 1 × RJ45, 1 × HDMI	black matt	
492634		stainless steel	
492635		aluminium	
492641	2 × 230 V	brushed aluminium	
492642		aluminium	
492644		black matt	
492645	1 × 230 V, 1 × USB A / C	black matt	



Pop-Up, double

- mounting hole: 107 × 219 mm
 - built-in depth: approx. 75 mm
 - flat surface socket
 - finished sets ready for connection to the mains
- RJ 45 - type 6
 - USB A / C, 5 V, 3 A, max. 15 W



code	name	colour	option	
492658	4 × 230 V	brushed aluminium	with earthing pin	
492659		aluminium		
492661		black matt		
492660		white matt		
492654	3 × 230 V, 1 × USB A / C	brushed aluminium		
492655		aluminium		
492657		black matt		
492656		white matt		
492651	2 × 230 V, 1 × USB A / C, 1 × HDMI, 1 × RJ45	brushed aluminium		Schuko
492652		aluminium		
492653		black matt		
492665	4 × 230 V	brushed aluminium		
492666		aluminium		
492662	3 × 230 V, 1 × USB A / C	brushed aluminium		
492663		aluminium		
492664		black matt		



Disq'In

- option with 2, 3 or 4 modules
- installation hole (2/3/4 modules): 70 × 130 / 182 / 234 mm
- built-in depth approx. 80 mm
- USB A / C, 5 V, 3 A, max. 15 W
- flat surface socket



code	description	colour	option
496916	1× 230 V, 1× USB A / C	black/black	with earthing pin
496919		black / stainless steel	
496748		white/white	
496917	2× 230 V, 1× USB A / C	black/black	
496920		black / stainless steel	
496878		white/white	
496918	2× 230 V, 1× USB A / C, 1× HDMI	black/black	
496921		black / stainless steel	
496915		white/white	



Disq 60

- installation hole diameter 60 mm
- built-in depth: 50 mm
- flat surface socket
- USB A / C, 5 V, 3 A, max. 15 W



code	description	colour	option
495563	1× 230 V	black	with earthing pin
495564		black / stainless steel	
495562		white	
497971	USB A/C charger	black	
497972		black / stainless steel	
497970		white	

